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ORIGINAL ARTICLE



# Turkish Publications in Science Citation Index and Citation Index Expanded Indexed Journals in the Field of Toxicology: A Bibliographic Analysis

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#### Abstract

Introduction: Our study aimed to assess Turkish publications in Science Citation Index (SCI) and Science Citation Index Expanded (SCIE) indexed journals in the field of "toxicology".

**Methods:** We searched the journals related to "toxicology" in the SCIE database of "Thomson Reuter Web of Science". The search engine of Institute for Scientific Information (ISI) Web of Science (WoS) was used in the advanced mode by typing "IS=ISSN number" to identify publications in the journal. We found Turkish papers on toxicology by typing "IS=ISSN number AND CU=Turkey". If Turkish and non-Turkish authors had collaborated, the article was included in the search when the corresponding author had provided a Turkey-based address. The catalogue information and statistics were used to determine Turkish publications as the percentage of total publications and the annual mean number of Turkish publications. In WoS, "SU=toxicology" was used to determine the number, country, year, and topic distributions of publications from 1975 to date and within the last 10 years. The citation numbers and h-indices were determined based on the country for publications within the last 10 years.

**Results:** In the area of toxicology, there were 92 journals in the SCI/SCIE index. From 1975 to the early 2000s, Turkey was 19th in the list of countries with highest number of publications on toxicology; however, in the last 10 years, Turkey moved up to 14<sup>th</sup> place. Its mean citation number has been 7.17, and it remains the lowest country pertaining to citations among the 24 countries with the most number of publications.

**Discussion and Conclusion:** Our work will also shed light on scientists who are constantly working in the field of toxicology, as well as scientists witnessing unusual toxicological events and wanting to make the academic world knowledgeable. **Keywords:** Science citation index; science citation index expanded; Turkey; toxicology.

The number and quality of scientific publications is an important indicator of a country's scientific activity <sup>[1]</sup>. Information must be overlapped for the rapid advancement of science; and when this synergistic effect is achieved. the desire for scientific research and development will in-

crease. Three criteria that highlight international broadcasting activities are generally accepted in the evaluation of academic performance: the number of publications in international scientific journals. the publications in scientific journals scanned by science indices, and the number

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of references to publications <sup>[1]</sup>. In recent years, there has been an increase in bibliographic publications in the literature <sup>[3]</sup>. In the light of these bibliographic studies, the number of articles sent from clinics of anesthesia in Turkey and published in valuable high-impact international journals have tended to decrease within the last 10 years. The average number of citations is below the world average <sup>[2]</sup>.

In a report prepared in 2009 by the scientists under the supervision of Higher Education Council (YÖK) where scientific indicators of Turkey were analyzed, the relative citation impact of Turkey is determined to be below the world average in all areas <sup>[4]</sup>. In our literature review, it has been indicated that bibliographic analyses of publications from our country have been performed in many branches, while studies analyzing publications on one of the most comprehensive disciplines namely toxicology sent from Turkey have not been conducted yet.

This study aimed to quantitatively and qualitatively assess articles coming from Turkey and published in toxicology journals included in the lists of Science Citation Index (SCI) and SCI Expanded (SCIE) and compare the relevant data with the international data.

### **Materials and Methods**

Our study was designed as a retrospective observational study. The study was started after obtaining the approval from Dokuz Eylül University Ethics Committee on Noninvasive Investigations (decision no. 2017/20-05). The term toxicology was selected from the Thomson Reuters Web of Science database and in journals included in SCIE. The list of journals in the SCIE index and their ISSN numbers were obtained. The IS=ISSN number was printed in the advanced mode of the search engine of Web of Science (WoS) of Scientific Information (ISI) all issues of the journal were determined. The "IS=ISSN number of AND CU= Turkey" were recorded, and all articles on toxicology sent from Turkey were determined (on 30.15.2017).

We applied the same procedure in the PubMed database, and performed double check. Articles prepared by Turkish and non-Turkish authors in collaboration were included in the study if the responsible author of the article was residing in Turkey. Catalog information, duration of publication, number of issues, the number of publications from Turkey, proportion (%) of all articles from Turkey in all issues of the relevant journal using impact factors, and average annual rate of Turkey-based publications were determined.

#### Acceptance Rate (%) of Turkey-based Publications

The number of Turkey-based publications in a journal mul-

tiplied by 100 and divided by the total number of publications of the same journal indicates acceptance rate of Turkey-based publications.

#### **Average Rate of Annual Publications from Turkey**

The number of Turkey-based publications in a journal divided by the duration of its publication counted from the first year of its release as specified in the catalog information of the journal yields annual mean number of publications. It demonstrates the number of Turkey-based articles published in this journal. It is defined as the annual mean publication rate of Turkey-based articles in this journal.

In the second phase of the study, the word "SU=toxicology" was entered in the advanced mode, in the WoS search engine of ISI, and all publications indexed in the field of toxicology were accessed.

By typing "Analyze Results", the distribution of all publications according to countries, years, fields of publication, and topics was determined and listed. We determined the distribution of topics by taking into account all topics of articles published from 1975 on, and also within the last decade. Then, the words "SU=toxicology AND CU=country name" was entered in the advanced mode of the WoS search engine of ISI, and typing "Citation Report" all h-index values of all countries were determined. In addition, by typing "SU=toxicology AND CU=Turkey" "Analyze Results" only the publications of our country were determined and listed according to years and subjects.

The primary endpoint of this study was to determine acceptance rate of Turkey-based publications by journals in the field of toxicology included in the SCI/SCIE index and the annual mean publication rate, while the secondary endpoint was to compare the number of citations received by Turkey-based publications, and their h-indices with those of the other countries.

#### **Statistical Analysis**

The data of the study were analyzed with the Statistical Package for the Social Sciences15.0 (SPSS Inc; Chicago, IL, USA) package program For statistical evaluation of the publication rates <sup>[5]</sup> of the journals grouped by different criteria and Turkey-based publications and their annual mean publication rates, the Mann–Whitney U test was used. The correlations between impact factors of the journals, publication rates of Turkey-based journals, and their average annual publication rates were analyzed by Pearson correlation test. p value less than 0.05 was considered statistically significant.

### Results

A total of 92 journals in the field of toxicology were included in the SCI/SCIE index (Appendix 1). The journals with the highest publication rate from our country were determined as Cutaneous and Ocular Toxicology, Toxicology and Industrial Health, Human & Experimental Toxicology, Food Additives & Contaminants: Part B-Surveillance, and Journal of Food Safety and Food Quality-Archiv für Lebensmittelhygiene (Appendix 2).

We did not encounter any Turkey-based publication in 10 journals listed in the SCI/SCIE index (Annals of Occupational Hygiene; BMC Pharmacology and Toxicology; Critical Reviews in Toxicology; Integrated Environmental Assessment and Management; Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews; Journal of Exposure Science and Environmental Epidemiology; Journal of Toxicologic Pathology; Journal of Toxicology and Environmental Health, Part B: Critical Reviews; Molecular & Cellular Toxicology; Particle and Fibre Toxicology).

In 23 journals (25%), the number of publications from our country was determined as five and less than five. Evaluation of journals of toxicology indexed in SCI/SCIE according to their catogeries, number of publication fields of toxicology in Turkey and world between 1975-2016 and 2007-2016 were shown in Table 1, 2, 3, respectively.

Annual distrubition of publications in the field of toxicology within the last 10 years both in Turkey and in the World are shown in table 4. Distrubition of types of publications in the years between 1975-2016 and 2007-2016 both in Turkey and in the World are shown in table 5.

In our study, any significant correlation could not be determined between inclusion of the journals in SCI or SCIE index, and publication rates of Turkey-based publications, and their average number of annual publications (p>0.05). In addition, a significant correlation did not exist between the geographic location (continent) of the place of publication of the journal, and publication rates, and annual mean number of publications coming from Turkey (p>0.05).

In our study, a negative correlation was determined between the increase of impact factors of the journals and the percentage of publications accepted from our country (p=0.038; r=-0.217). The increase in the impact factor of the journals resulted in a significant decrease in the number of publications from our country. Although there was a negative correlation between the impact factor of the journals and the number of annual publications pertaining to our country, no significant correlation could be determined (p=0.107; r=-0.167). In our study, both worldwide and in the last decade, the first three subareas in the field of toxicology have been identified as environmental sciences, ecology, and pharmacology and public health occupational diseases. In our country, these fields have been listed as pharmacology, environmental sciences, ecology, and public health occupational diseases since 1975 and within the last decade (Table 2).

The number of publications in the field of toxicology in our country has increased within the next 10 years, remarkably in 2015 and 2016. In addition, the average number of citations of the publications in our country in the field of toxicology and the h-index of our country were found to be lower compared to the countries with the same publication rates.

#### Discussion

In our study, we determined that the papers from our country in the field of toxicology were published in the following journals entitled Cutaneous and Ocular Toxicology, Toxicology and Industrial Health, Human & Experimental Toxicology, Food Additives & Contaminants, Part B-Surveillance, and Journal of Food Safety and Food Quality-Archiv für Lebensmittelhygiene.

It has been indicated that only five or less than five papers were published in 23 (25%) different journals released in the field of toxicology, and a negative correlation was found between increase in the impact factors of the journals and the percentage of publications accepted from Turkey. Among the countries with the highest number of publications in the field of toxicology, Turkey ranked 19th in 1975, and moved up to 14<sup>th</sup> place within the last 10 years. With its average number of citations <sup>[7,17]</sup>, it has the lowest number of citations among 24 countries with the greatest number of publications.

The studies that evaluate the scientific productivity of individuals, institutions, and countries in various fields are gradually increasing in the literature of our country and worldwide. The evaluation of scientific productivity of individuals, institutions, and countries can be measured using various objective parameters. The use of measurements such as number of publications, number of citations, and hindex in monitoring the performance of scientists contributes to the advancement of science as well as comparing the researchers to each other. Impact factor is an important criterion to demonstrate the effectiveness of the studies. Scientific studies that analyze such parameters are classi-

#### fied as bibliometric studies <sup>[5]</sup>.

Bibliometric studies have been carried out in various scientific fields worlwide and in our country. For example, a bibliometric study was conducted in the international literature in the field of anesthesiology. Boldt et al. <sup>[6]</sup> examined the articles related to anesthesia, intensive care, and pain published in the SCI journals between 1997 and 1998. They stated that America has the highest number of publications. Bould et al. analyzed the studies in the field of anesthesia and indicated that the articles from highincome countries were more frequently published, while only scarce number of articles from low-income countries such as Turkey, China, and India found the possibility of publication <sup>[7]</sup>.

In a bibliometric study, Yilmaz et al. <sup>[8]</sup> evaluated scientific performance of the publications in the field of anesthesiology both worldwide and in Turkey. According to the results of the study from 2004 to 2009, a serious decline in the number of total Turkey-based publications in anesthesiology journals was determined. However, publication rate increased again after 2009. They reported that Turkish authors more frequently preferred the journal of Pediatric Anesthesia relative to other journals. In this study, the top five countries with the highest number of publications in the field of anesthesiology were developed countries as United States, England, Germany, France, and Canada. In this study, Turkey ranked 14<sup>th</sup> among them. In the light of all the findings they obtained, the authors concluded that continuous and consistent scientific publication policies supported by the state should be established to place Turkey in a certain scientific position worldwide <sup>[8]</sup>.

Among the bibliographic studies published in the field of toxicology, the studies of Zyoud et al. <sup>[9]</sup> are remarkable. Zyoud et al. <sup>[9]</sup> examined publications on cocaine performed between 1975 and 2015. They emphasized that the studies in this area have increased after 1990 and that the United States and Spain had conducted the highest number of studies on the subject.

Zyoud also bibliometrically investigated the place of studies in the literature regarding methanol intoxications <sup>[10]</sup>, calcium channel blocker intoxications <sup>[11]</sup>, use of intravenous lipid emulsions <sup>[12]</sup>, and treatment schemes as Nacetyl cysteine use in paracetamol intoxications <sup>[13]</sup> in the field of toxicology.

In our literature review, no bibliographic study was found in the field of toxicology performed in Turkey. The fact that toxicology is a multidisciplinary field is forcing the scientists who are performing toxicology studies with the intention to prepare and publish their works. In spite of its increasing importance in our country and worldwide, toxicology is not taking its expected place in the medical literature.

In our review we conducted in the field of toxicology, the relationship between the various features of the journals and the rates of Turkey-based publications was examined in addition to the journals with the highest rates of publications from our country.

Significant correlations could not be found between the language of the journal, the continent of the country where the article was published, the inclusion of the journal in the SCI, SCIE index, the publication rate of Turkey-based publications, and the annual mean number of publications from our country.

In our study, the countries with the highest number of publications in the field of toxicology have been examined from the year 1975 up to now; and within the last 10 years, while and among the top five countries, the United States, Japan, United Kingdom, Germany, and China have been observed. Turkey ranks 19<sup>th</sup> in the period from 1975 up to now.

Australia, Denmark, Scotland, Norway, and Spain (between 19.26 and 14.31) were among the top five countries with the highest average citation rate. The countries with the highest number of publications are not the same with the most citations. The same is true for the citation rates of the countries with the highest number of publications. The average citation rate of Turkey was 7.17.

The proportion of publications in the field of toxicology originating from our country to toxicology publications worldwide increased from 0.55% between the years 1975 and 2006 up to 2.14% in the last 10 years. Considering the distribution of Turkey-based publications within the last 10 years, the lowest publication rate was 5.06% in the year 2009, and publication rates fluctuated until 2014. However, an increasing trend was observed from the year 2014 on, and the highest publication rate within the last 10 years was reached with 12.86% in 2016.

In our analysis, especially in recent years, the increase in the number of publications in our country in the field of toxicology among total number of relevant publications worldwide is remarkable. However, Turkey is the country with the lowest citation average within the last 10 years, which indicates that the publications do not reach sufficient quality. The results of our study support the work of Onat <sup>[14]</sup> and Özbilgin <sup>[15]</sup> in this respect, and a deep and multifaceted effort is needed to shape an environment that focuses on research that can contribute to medicine in the field of toxicology. In the last 10 years, the growth rates of

China, Spain, South Korea, and Brazil have increased, and consequently a striking increase in the number of publications is observed. This result was similar to that of Yilmaz et al. <sup>[8]</sup> and Özbilgin et al. <sup>[14]</sup>.

When the publications in the field of toxicology were analyzed from 1975 up to now, publications on pharmacology, environmental science and ecology, public health, occupational diseases, genetics, and hereditary diseases are more numerous all over the world, while in Turkey most frequently publications were made in the fields of environmental science and ecology, pharmacology, public health, occupational diseases, food science and technology, chemistry, ophthalmology, and genetics. Number of publications on genetics rank fourth worldwide, while it falls to seventh place in our country. This finding may be attributed to the higher costs of investment in genetic studies.

Although ophthalmology studies worldwide are not widely published in toxicology journals, ophthalmology occupies an important place in toxicological studies in our country. This situation can be attributed to the lack of protection of the eye from toxic substances in our country.

In our study, both Thomson Reuters Web of Science and PubMed-databases were included in the data analysis. Besides Turkey-based publication rates in the SCI/SCIE indexed journals, the factors affecting them were also investigated. Some scientific journals also publish poster presentations of the congresses they are associated with in the Thomson Reuters Web of Science database.

The data obtained in this case may be scientifically controversial as they will include poster presentations. In this study, we evaluated both databases and we did not include poster presentations in statistical analysis, and only used data from PubMed database to make more accurate data analysis. In our study, instead of these data, we scanned SCI/SCIE indexed journals in the field of toxicology that would provide us more objective data about publication rates and average annual publication rates of Turkey-based publications.

In our study, we determined that the following journals accepted the highest number of manuscripts from our country for publication:

Cutaneous and Ocular Toxicology, Toxicology and Industrial Health, Human & Experimental Toxicology, Food Additives & Contaminants: Part B-Surveillance, Journal of Food Safety and Food Quality-Archiv für Lebensmittelhygiene. We did not encounter any Turkey-based publication in 10 journals listed in the SCI/SCIE index (Annals of Occupational Hygiene, BMC Pharmacology and Toxicology, Critical Reviews in Toxicology, Integrated Environmental Assessment and Management, Journal of Environmental Science and Health: Part C-Environmental Carcinogenesis and Ecotoxicology Reviews, Journal of Exposure Science and Environmental Epidemiology, Journal of Toxicologic Pathology, Journal of Toxicology and Environmental Health: Part B-Critical Reviews, Molecular & Cellular Toxicology, Particle and Fibre Toxicology).

In 23 of the journals (25%), the number of publications from our country was determined as five and less than five.

In our study, no significant relationship could be determined between inclusion of journals in the SCI or SCIE indices, publication rates (%) and mean number of annual publications in Turkey (p>0.05). In addition, a significant relationship did not exist between the geographic location of the publication place (continent) of the journal and both publication rates (%), and mean number of annual publications in Turkey (p>0.05).

In our study, we determined the presence of a negative correlation between the increase in impact factors of the journals and the acceptance rate of Turkey-based publications (p=0.038; r=-0.217). The increase in the impact factor of the journals resulted in a significant decrease in the number of publications from our country. A negative but nonsignifi-

| Table 1. Evaluation of the journals of toxicology indexed in SCI/SCI-E according to their categories |               |   |  |  |   |  |  |  |  |
|--|---------------|---|--|--|---|--|--|--|--|
|  | Category      | Annual number of<br>publications<br>(mean±SD) | Annual number of<br>publications<br>in Turkey<br>(mean±SD) | Publication rate (%)<br>of Turkey-based<br>publications<br>(mean±SD) | Turkey-based<br>publication rate<br>(mean±SD) |  |  |  |  |
| SCI/SCIE   | SCI (n=65)    | 3374.50±3042.01                               | 33.75±55.64  | 1.38±2.00  | 1.21±1.86                                     |  |  |  |  |
|  | SCIE (n=27)   | 1096.25±775.84                                | 32.03±73.25  | 2.87±6.86  | 1.58±4.02                                     |  |  |  |  |
| р  |               | <0.001  | 0.111  | 0.843  | 0.205   |  |  |  |  |
| Geographic region  | Europe (n=40) | 2848.40±3374.13                               | 25.42±54.27  | 1.82±5.34  | 1.19±3.11                                     |  |  |  |  |
|  | Other (52)    | 2596.26±2264.24                               | 39.26±65.46  | 1.82±2.84  | 1.41±2.29                                     |  |  |  |  |
| р  |               | 0.670   | 0.282  | 0.992  | 0.687   |  |  |  |  |

cant correlation existed between the impact factor of the journals and the number of annual publications from our country, (p=0.107; r=-0.167).

Although publication rate and average annual publication rates of Turkey-based publications in European journals were lower when compared with non-European journals, the difference was not statistically significant (Table 1).

As a widely accepted opinion among authors, as the "impact factor" of the journals increase the likelihood of acceptance or publication of the manuscript decreases. Our study supports this view. A negative correlation was determined between the increase in the impact factors of toxicology journals and the percentage of publications accepted from our country (p=0.038, r=-0.217). The publication fields in toxicology of Turkey and the world between 1975 and 2017 are shown in Table 2. As a limitation of our study, in articles written by Turkish and non-Turkish authors in collaboration, the articles were taken into consideration if the responsible author is living in Turkey.

The first condition of taking place among the developed countries in terms of scientific publications is to conduct numerous and high-quality researches. In the last decade, there has been an increase in the number and publication of articles published in the field of toxicology and publication rates in the indexed journals thanks to the scientific contribution of the countries that appreciated the importance of this issue both in the world and in our country (Tables 3, 4).

Bibliographic surveys not only are a good indicator of publication performance of our scientists but also help those with the idea of making publications in the field

| Table 2. Number (%) of publication | fields of journals of toxicolog | y between the years 1975 and 2016 | both in Turkey and in the World |
|------------------------------------|---------------------------------|-----------------------------------|---------------------------------|
|------------------------------------|---------------------------------|-----------------------------------|---------------------------------|

|                                      | In Turkey |       |        |       | In the World |       |        |       |
|--------------------------------------|-----------|-------|--------|-------|--------------|-------|--------|-------|
|                                      | 1975-     | 2016  | 2007-2 | 2016  | 1975-        | 2016  | 2007-  | 2016  |
|                                      | Total     | %     | Total  | %     | Total        | %     | Total  | %     |
|                                      | number    |       | number |       | number       |       | number |       |
| Pharmacology                         | 633       | 14.91 | 421    | 13.38 | 101788       | 28.87 | 41630  | 28.99 |
| Environmental sciences,              | 797       | 18.77 | 519    | 16.81 | 78800        | 22.35 | 30122  | 20.97 |
| ecology                              |           |       |        |       |              |       |        |       |
| Public health, occupational diseases | 508       | 11.97 | 413    | 13.38 | 36873        | 10.45 | 13918  | 9.69  |
| Genetics, hereditary diseases        | 181       | 4.26  | 76     | 2.46  | 33335        | 9.45  | 9471   | 6.59  |
| Chemistry                            | 320       | 7.54  | 227    | 7.35  | 21195        | 6.01  | 7943   | 5.53  |
| Biochemistry, and molecular          | 132       | 3.13  | 75     | 2.43  | 18284        | 5.186 | 6695   | 4.66  |
| biology                              |           |       |        |       |              |       |        |       |
| Food technology                      | 419       | 9.87  | 340    | 11.01 | 17021        | 4.82  | 8561   | 5.96  |
| Biotechnology, and applied           | 133       | 3.13  | 60     | 1.94  | 10715        | 3.03  | 4033   | 2.80  |
| microbiology                         |           |       |        |       |              |       |        |       |
| Developmental biology                | 17        | 0.40  | 12     | 0.38  | 9853         | 2.79  | 2891   | 2.01  |
| Freshwater biology                   | 31        | 0.73  | 17     | 0.55  | 8749         | 2.48  | 3797   | 2.64  |
| Neurologic sciences                  | 27        | 0.63  | 16     | 0.51  | 7616         | 2.16  | 2723   | 1.89  |
| Zoology                              | 57        | 1.34  | 28     | 0.90  | 6996         | 1.98  | 1696   | 1.18  |
| Endocrinology, and diseases          | 40        | 0.94  | 10     | 0.32  | 6121         | 1.73  | 1107   | 0.77  |
| of metabolism                        |           |       |        |       |              |       |        |       |
| Pathology                            | 83        | 1.95  | 60     | 1.94  | 6037         | 1.71  | 2558   | 1.78  |
| Medical laboratory technology        | 16        | 0.37  | 12     | 0.38  | 5532         | 1.56  | 2273   | 1.58  |
| Veterinary sciences                  | 52        | 1.22  | -      | _     | 4632         | 1.31  | _      | -     |
| Substance dependence                 | 7         | 0.16  | 6      | 0.19  | 3467         | 0.98  | 1260   | 0.87  |
| Forensic medicine                    | 10        | 0.23  | 7      | 0.22  | 3322         | 0.94  | 1783   | 1.24  |
| Reproductive biology                 | 22        | 0.51  | 9      | 0.29  | 2847         | 0.80  | 1394   | 0.97  |
| İmmunology                           | 35        | 0.82  | 24     | 0.77  | 2704         | 0.76  | 1412   | 0.98  |
| Water sources                        | 64        | 1.50  | 59     | 1.91  | 2386         | 0.67  | 1053   | 0.73  |
| Oncology                             | 21        | 0.49  | 2      | 0.06  | 2193         | 0.62  | 557    | 0.38  |
| Ophthalmology                        | 224       | 5.27  | 218    | 7.06  | 1274         | 0.36  | 571    | 0.39  |
| Toxicology                           | 4244      | 100   | 3086   | 100   | 352552       | 100   | 143590 | 100   |

| Country 1975-2016 |                                    |                          | 1975-                              | 2006                     | 2007-2016                          |                          |                                |            |
|-------------------|------------------------------------|--------------------------|------------------------------------|--------------------------|------------------------------------|--------------------------|--------------------------------|------------|
|                   | Total<br>number of<br>publications | Publication<br>rates (%) | Total<br>number of<br>publications | Publication<br>rates (%) | Total<br>number of<br>publications | Publication<br>rates (%) | Average number<br>of citations | h- indices |
| USA               | 126325                             | 35.83                    | 83528                              | 39.97                    | 42797                              | 29.98                    |                                |            |
| Japan             | 23080                              | 6.54                     | 15444                              | 7.39                     | 7637                               | 5.31                     | 9.41                           | 75         |
| UK                | 22458                              | 6.37                     | 14459                              | 6.91                     | 7999                               | 5.57                     | 13.04                          | 111        |
| Germany           | 17038                              | 4.83                     | 8790                               | 4.20                     | 8248                               | 5.74                     | 12.4                           | 101        |
| China             | 16333                              | 4.63                     | 2653                               | 1.27                     | 13680                              | 9.67                     |                                |            |
| Canada            | 15871                              | 4.50                     | 9659                               | 4.62                     | 6211                               | 4.32                     | 13.39                          | 97         |
| French            | 13800                              | 3.91                     | 7576                               | 3.62                     | 6224                               | 4.33                     | 12.00                          | 87         |
| Italy             | 13059                              | 3.70                     | 6820                               | 3.26                     | 6239                               | 4.34                     | 12.71                          | 91         |
| India             | 10754                              | 3.05                     | 5071                               | 2.42                     | 5683                               | 3.95                     | 11.05                          | 70         |
| Holland           | 10060                              | 2.85                     | 5950                               | 2.84                     | 4110                               | 2.86                     | 10.30                          | 79         |
| Spain             | 9019                               | 2.55                     | 3598                               | 1.72                     | 5421                               | 3.77                     | 14.31                          | 77         |
| Sweden            | 8713                               | 2.47                     | 5763                               | 2.75                     | 2694                               | 1.87                     | 9.04                           | 59         |
| Brazil            | 7362                               | 2.08                     | 2450                               | 1.17                     | 4912                               | 3.42                     | 13.70                          | 75         |
| South Korea       | 6610                               | 1.87                     | 1697                               | 0.81                     | 4913                               | 3.42                     | 13.01                          | 90         |
| Australia         | 5882                               | 1.66                     | 3311                               | 1.58                     | 2571                               | 1.79                     | 19.26                          | 117        |
| Switzerland       | 5401                               | 1.53                     | 2707                               | 1.29                     | 2694                               | 1.87                     | 13.70                          | 75         |
| Belgium           | 4965                               | 1.40                     | 2553                               | 1.22                     | 2412                               | 1.68                     | 13.08                          | 70         |
| Denmark           | 4478                               | 1.27                     | 2521                               | 1.20                     | 1957                               | 1.36                     | 17.32                          | 75         |
| Turkey            | 4244                               | 1.20                     | 1158                               | 0.55                     | 3086                               | 2.14                     | 7.17                           | 52         |
| Taiwan            | 4056                               | 1.15                     | 1775                               | 0.84                     | 2281                               | 1.58                     | 12.03                          | 55         |
| Poland            | 3897                               | 1.10                     | 1920                               | 0.91                     | 1977                               | 1.37                     | 9.45                           | 50         |
| Finland           | 3882                               | 1.10                     | 2695                               | 1.29                     | 1187                               | 0.82                     | 12.47                          | 53         |
| Norway            | 3578                               | 1.01                     | 2013                               | 0.96                     | 1565                               | 1.09                     | 15.00                          | 61         |
| Scotland          | 3181                               | 0.90                     | 1872                               | 0.89                     | 1309                               | 0.91                     | 15.13                          | 62         |
| Total             | 352552                             | 100                      | 208962                             | 100                      | 143590                             | 100                      | -                              | -          |

Table 3. Number of publications in Turkey and in the World between the years 1975–2016 and 2007–2016

**Table 4.** Annual distribution of publications in the field of

 toxicology within the last 10 years both in Turkey and in the World

|      | In Tu  | ırkey | In the World |      |  |
|------|--------|-------|--------------|------|--|
|      | Total  | %     | Total        | %    |  |
|      | number |       | number       |      |  |
| 2007 | 227    | 5.34  | 11736        | 3.32 |  |
| 2008 | 239    | 5.63  | 13355        | 3.78 |  |
| 2009 | 215    | 5.06  | 14029        | 3.97 |  |
| 2010 | 240    | 5.65  | 13671        | 3.87 |  |
| 2011 | 323    | 7.61  | 14656        | 4.15 |  |
| 2012 | 298    | 7.02  | 14500        | 4.13 |  |
| 2013 | 361    | 8.50  | 14633        | 4.15 |  |
| 2014 | 300    | 7.06  | 15414        | 4.37 |  |
| 2015 | 337    | 8.50  | 14952        | 4.24 |  |
| 2016 | 546    | 12.86 | 16644        | 4.72 |  |
|      | 4244   | 100   | 352552       | 100  |  |

of toxicology. Toxicology continues to be a common area of many disciplines both worldwide and in our country. It is also very difficult to make publications in this multidisciplinary field. Toxicology is a branch of science that attracts interests of experts in many different fields such as forensic experts, pharmacists, anesthetists, chemists, and others. Specialists working in fields of forensic toxicology, emergency toxicology, and analytical toxicology are not aware of each other. In this context, the selection of a journal for submission of manuscripts that are likely to be published in journals of many disciplines has a great importance.

As a result, our study will shed light on the scientists who are constantly working in the field of toxicology and witness the extraordinary toxicological events as well as the scientists in the academic world who want to make sci-

|                      |                 | urkey | In the World    |       |                 |      |                 |      |
|----------------------|-----------------|-------|-----------------|-------|-----------------|------|-----------------|------|
|                      | 1975-           | 2016  | 2007-2016       |       | 1975-2016       |      | 2007-2016       |      |
|                      | Total<br>number | %     | Total<br>number | %     | Total<br>number | %    | Total<br>number | %    |
| Articles             | 3266            | 76.95 | 2268            | 73.49 | 243286          | 69.0 | 92812           | 64.6 |
| Case presentations   | 817             | 19.25 | 709             | 22.97 | 56843           | 16.1 | 33755           | 23.5 |
| Ahead of publication | 100             | 2.35  | 35              | 1.13  | 26742           | 7.5  | 3474            | 2.41 |
| Review articles      | 50              | 1.17  | 44              | 1.42  | 18829           | 5.3  | 9218            | 6.42 |
| Letter to the editor | 12              | 0.28  | 11              | 0.35  | 9283            | 2.6  | 3189            | 2.22 |
| Letters              | 55              | 1.29  | 39              | 1.26  | 5265            | 1.4  | 2097            | 1.46 |
| Notes                | 8               | 0.18  | -               | -     | 2872            | 0.8  | -               | -    |
| Total                | 4244            | 100   | 3086            | 100   | 352552          | 100  | 143590          | 100  |

Table 5. Distribution of types of publications in the years between 1975–2016 and 2007–2016 both in Turkey and in the World

entific contributions to the field of toxicology. From time to time, such publications should be reevaluated and updated to maintain their current status and should be revised based on literature reviews.

**Ethics Committee Approval:** The study was started after obtaining the approval from Dokuz Eylül University Ethics Committee on Noninvasive Investigations (Decision no. 2017/20-05).

Peer-review: Externally peer-reviewed.

**Authorship Contributions:** Concept: V.H.; Design: S.B., L.İ.; Data Collection or Processing: S.B., L.İ.; Analysis or Interpretation: V.H.; Literature Search: S.B., V.H.; Writing: S.B.

Conflict of Interest: None declared.

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| Name of the issues!                           |           | Country    |          | Finat                 | Ammunal             | Language | 15 2015 |
|---|-----------|------------|----------|-----------------------|---------------------|----------|---------|
| Name of the Journal                           | 1221      | Country    | SCI/SCIE | publication<br>(year) | publication<br>rate | Language | IF 2015 |
| 1. Alcohol                                    | 0741-8329 | USA        | SCI      | 1984                  | 6                   | English  | 2.440   |
| 2. Annals of Occupational Hygiene             | 0003-4878 | England    | SCI      | 1958                  | 9                   | Eng/Fra  | 1.743   |
| 3. Annual Review of Pharmacology and          | 0362-1642 | USA        | SCI      | 1989                  | 8                   | English  | 14.769  |
| Toxicology                                    |           |            |          |                       |                     | -        |         |
| 4. Aquatic Toxicology                         | 0166-445x | Netherland | SCI      | 1981                  | 20                  | English  | 3.557   |
| 5. Archives of Environmental                  | 0090-4341 | USA        | SCI      | 1973                  | 8                   | English  | 2.039   |
| Contamination and Toxicology                  |           |            |          |                       |                     |          |         |
| 6. Archives of Toxicology                     | 0340-5761 | Germany    | SCI      | 1974                  | 12                  | English  | 6.637   |
| 7. Arhiv Za Hıgıjenu Rada I                   | 0004-1254 | Croatia    | SCIE     | 1956                  | 4                   | English  | 0.971   |
| Toksikologiju-Archives of Industrial          |           |            |          |                       |                     |          |         |
| Hygiene and Toxicology                        |           |            |          |                       |                     |          |         |
| 8. Basic & Clinical Pharmacology & Toxicology | 1742-7835 | England    | SCI      | 2004                  | 12                  | English  | 3.097   |
| 9. Biomarkers                                 | 1354-750x | England    | SCI      | 1996                  | 6                   | English  | 2.016   |
| 10. Birth Defects Research Part A-Clinical    | 1542-0752 | USA        | SCI      | 2003                  | 12                  | English  | 1.954   |
| and Molecular Teratology                      |           |            |          |                       |                     |          |         |
| 11. Birth Defects Research                    | 1542-9733 | USA        | SCI      | 2003                  | 6                   | English  | 0.965   |
| Part B-Developmental and Reproductive         |           |            |          |                       |                     |          |         |
| Toxicology                                    |           |            |          |                       |                     |          |         |
| 12. BMC Pharmacology & Toxicology             | 2050-6511 | England    | SCIE     | 2012                  | 0 /op ac            | English  | 2.030   |
| 13. Bulletin of Environmental                 | 0007-4861 | USA        | SCI      | 1966                  | 12                  | English  | 1.191   |
| Contamination and Toxicology                  |           |            |          |                       |                     |          |         |
| 14.Cardiovascular Toxicology                  | 1530-7905 | USA        | SCIE     | 2001                  | 4                   | English  | 2.063   |
| 15. Cell Biology and Toxicology               | 0742-2091 | Netherland | SCI      | 1984                  | 6                   | English  | 2.842   |
| 16. Chemical Research in Toxicology           | 0893-228x | USA        | SCI      | 1988                  | 12                  | English  | 3.025   |
| 17.Chemical Speciation and Bioavailabilty     | 0954-2299 | England    | SCIE     | 1981                  | 4                   | English  | 0.457   |
| 18. Chemico-Biological Interactions           | 0009-2797 | Netherland | SCI      | 1969                  | 18                  | English  | 2.618   |
| 19. Clinical Toxicology                       | 1556-3650 | USA        | SCI      | 2005                  | 10                  | English  | 2.886   |
| 20. Comparative Biochemistry and              | 1532-0456 | USA        | SCI      | 2000                  | 12                  | English  | 2.546   |
| Physiology C-Toxicology & Pharmacology        |           |            |          |                       |                     |          |         |
| 21. Critcal Reviews In Toxicology             | 1040-8444 | USA        | SCI      | 1980                  | 10                  | English  | 5.422   |
| 22. Cutaneois qnd Ocular toxicology           | 1556-9527 | USA        | SCIE     | 2005                  | 4                   | English  | 1.119   |
| 23. DNA Repair                                | 1568-7864 | Netherland | SCI      | 2002                  | 12                  | English  | 3.929   |
| 24.Drug and Chemical Toxicology               | 0148-0545 | England    | SCI      | 1977                  | 4                   | English  | 1.653   |
| 25.Drug Safety                                | 0114-5916 | New Zeland | SCI      | 1990                  | 15                  | English  | 3.206   |
| 26. Drugs                                     | 0012-6667 | New Zeland | SCI      | 1988                  | 24                  | English  | 4.883   |
| 27. Ecotoxicology                             | 0963-9292 | Netherland | SCI      | 1996                  | 6                   | English  | 2.329   |
| 28. Ecotoxicology and Environmental Safety    | 0147-6513 | Netherland | SCI      | 1977                  | 8                   | English  | 3.130   |
| 29. Environmental and Molecular               | 0893-6692 | USA        | SCI      | 1987                  | 8                   | English  | 3.326   |
| Mutagenesis                                   |           |            |          |                       |                     |          |         |
| 30. Environmental Health Perspectives         | 0091-6765 | USA        | SCI      | 1972                  | 17                  | English  | 8.443   |
| 31. Environmental Toxicology                  | 1520-4081 | USA        | SCI      | 1999                  | 6                   | English  | 2.668   |
| 32. Environmental Toxicology and Chemistry    | 0730-7268 | USA        | SCI      | 1982                  | 12                  | English  | 2.763   |
| 33. Environmental Toxicology and              | 1382-6689 | Netherland | SCI      | 1996                  | 6                   | English  | 2.187   |
| Pharmacology                                  |           |            |          |                       |                     |          |         |
| 34. Experimental and Toxicologic Pathology    | 0940-2993 | Germany    | SCI      | 1992                  | 6                   | Eng/Fra  | 1.716   |
| 35. Fluoride                                  | 0015-4725 | New Zeland | SCI      | 1968                  | 4                   | English  | 0.797   |
| 36. Food Additives & Contaminants             | 1939-3210 | England    | SCI      | 2008                  | 12                  | English  | 1.467   |
| Part B-Surveillance                           |           |            |          |                       |                     |          |         |

#### Appendix 1. Catalogue information of the journals included in the SCI/SCIE index

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| Appendix 1. Cont.                           |           |             |          |                                |                               |          |         |
|---|-----------|-------------|----------|--------------------------------|-------------------------------|----------|---------|
| Name of the journal                         | ISSN      | Country     | SCI/SCIE | First<br>publication<br>(year) | Annual<br>publication<br>rate | Language | IF 2015 |
| 37. Food Additives and Contaminants         | 1944-0049 | England     | SCI      | 2008                           | 12                            | English  | 1.878   |
| Part A-Chemistry Analysis Control           |           |             |          |                                |                               |          |         |
| Exposure & Risk Assessment                  |           |             |          |                                |                               |          |         |
| 38. Food and Agricultural Immunology        | 0954-0105 | Germany     | SCIE     | 1992                           | 6                             | English  | 1.548   |
| 39. Food and Chemical Toxicology            | 0278-6915 | England     | SCI      | 1982                           | 12                            | English  | 3.584   |
| 40. Forensic Toxicology                     | 1860-8965 | Japan       | SCIE     | 2006                           | 2                             | English  | 5.756   |
| 41. Human & Experimental Toxicology         | 0960-3271 | England     | SCI      | 1990                           | 12                            | English  | 1.604   |
| 42. Immunopharmacology and                  | 0892-3973 | USA         | SCI      | 1987                           | 4                             | English  | 1.617   |
| Immunotoxicology                            |           |             |          |                                |                               |          |         |
| 43. Industrial Health                       | 0019-8366 | Japan       | SCIE     | 1963                           | 4                             | English  | 1.057   |
| 44. Inflammopharmacology                    | 0925-4692 | Switzerland | SCIE     | 1991                           | 6                             | English  | 2.304   |
| 45. Inhalation Toxicology                   | 0895-8378 | England     | SCI      | 1989                           | 4                             | English  | 2.012   |
| 46. Integrated Environmental                | 1551-3777 | USA         | SCIE     | 2005                           | 4                             | English  | 1.530   |
| Assessment and Management                   |           |             |          |                                |                               |          |         |
| 47. International Journal of Toxicology     | 1091-5818 | USA         | SCIE     | 1997                           | 6                             | English  | 1.077   |
| 48. Journal of Analytical Toxicology        | 0146-4760 | England     | SCI      | 1977                           | 12                            | English  | 2.322   |
| 49. Journal of Applied Toxicology           | 0260-437X | England     | SCI      | 1981                           | 6                             | English  | 2.727   |
| 50. Journal of Biochemical and Molecular    | 1095-6670 | USA         | SCIE     | 1998                           | 6                             | English  | 2.303   |
| Toxicology                                  |           |             |          |                                |                               |          |         |
| 51. Journal of Environmental                | 0731-8898 | USA         | SCIE     | 1985                           | 4                             | English  | 1.246   |
| Pathology Toxicology and Oncology           |           |             |          |                                |                               |          |         |
| 52. Journal of Environmental Science        | 1059-0501 | USA         | SCI      | 1991                           | 4                             | English  | 3.667   |
| and Health Part C-Environmental             |           |             |          |                                |                               |          |         |
| Carcinogenesis & Ecotoxicology Reviews      |           |             |          |                                |                               |          |         |
| 53. Journal of Exposure Science and         | 1559-0631 | USA         | SCI      | 2006                           | 6                             | English  | 3.141   |
| Environmental Epidemiology                  |           |             |          |                                |                               |          |         |
| 54. Journal of Food Safety and Food         | 0003-925X | Germany     | SCI      | 1955*                          | 6                             | English  | 0.083   |
| Quality-Archiv Fur Lebensmittelhygiene      |           |             |          |                                |                               |          |         |
| 55. Journal of Immunotoxicology             | 1547-691X | England     | SCIE     | 2004                           | 4                             | English  | 2.02    |
| 56. Journal of Pharmacological and          | 1056-8719 | USA         | SCIE     | 1992                           | 6                             | English  | 2.147   |
| Toxicological Methods                       |           |             |          |                                |                               |          |         |
| 57. Journal of Toxicologic Pathology        | 0914-9198 | Japan       | SCI      | 1988                           | 4                             | English  | 0.848   |
| 58. Journal of Toxicological Sciences       | 0388-1350 | Japan       | SCIE     | 1976                           | 4                             | English  | 1.224   |
| 59. Journal of Toxicology and Environmental | 1528-7394 | England     | SCI      | 1998                           | 12                            | English  | 2.243   |
| Health-Part A-Current Issues                |           |             |          |                                |                               |          |         |
| 60. Journal of Toxicology and Environmental | 1093-7404 | England     | SCI      | 1998                           | 6                             | English  | 5.553   |
| Health-Part B-Critical Reviews              |           |             |          |                                |                               |          |         |
| 61. Journal of Venomous Animals and         | 1678-9199 | England     | SCIE     | 2003                           | 4                             | English  | 1.488   |
| Toxins Including Tropical Diseases          |           |             |          |                                |                               |          |         |
| 62. Marıne Envıronmental Research           | 0141-1136 | England     | SCI      | 1978                           | 12                            | English  | 2.769   |
| 63. Molecular & Cellular Toxicology         | 1738-642X | South Korea | SCIE     | 2010                           | 4                             | English  | 1.24    |
| 64. Mutagenesis                             | 0267-8357 | USA         | SCI      | 2005                           | 4                             | English  | 1.53    |
| 65. Mutation Research-Fundamental and       | 0027-5107 | Netherland  | SCI      | 1964                           | 12                            | English  | 2.581   |
| Molecular Mechanisms of Mutagenesis         |           |             |          |                                |                               | -        |         |
| 66. Mutation Research-Genetic Toxicology    | 1383-5718 | Netherland  | SCI      | 1997                           | 24                            | English  | 2.254   |
| and Environmental Mutagenesis               |           |             |          |                                |                               |          |         |
| 67. Mutation Research-Reviews In Mutation   | 1383-5742 | Netherland  | SCI      | 1964                           | 12                            | English  | 5.261   |
| Research                                    |           |             |          |                                |                               | -        |         |

| Appendix 1. Cont.                          |           |             |          |                                |                               |          |         |
|--|-----------|-------------|----------|--------------------------------|-------------------------------|----------|---------|
| Name of the journal                        | ISSN      | Country     | SCI/SCIE | First<br>publication<br>(year) | Annual<br>publication<br>rate | Language | IF 2015 |
| 68. Mycotoxin Research                     | 0178-7888 | Germany     | SC IE    | 1985                           | 4                             | English  | 2.0     |
| 69. Nanotoxicology                         | 1743-5390 | England     | SCIE     | 2007                           | 6                             | English  | 7.913   |
| 70. Neurotoxicology                        | 0161-813X | Netherland  | SCI      | 1979                           | 6                             | English  | 2.738   |
| 71. Neurotoxicology and Teratology         | 0892-0362 | USA         | SCI      | 1987                           | 6                             | English  | 2.488   |
| 72. Particle and Fibre Toxicology          | 1743-8977 | England     | SCI      | 2004                           | Irregular                     | English  | 8.649   |
| 73. Regulatory Toxicology and Pharmacology | 0273-2300 | Netherland  | SCI      | 1981                           | 12                            | English  | 2.227   |
| 74. Reproductive Toxicology                | 0890-6238 | England     | SCI      | 1987                           | 6                             | English  | 2.85    |
| 75. Reviews of Environmental Contamination | 0179-5953 | USA         | SCI      | 1987                           | 4                             | English  | 2.446   |
| and Toxicology                             |           |             |          |                                |                               |          |         |
| 76. Sar and Qsar In Environmental Research | 1062-936X | England     | SCI      | 1993                           | 12                            | English  | 1.897   |
| 77. Therapeutic Drug Monitoring            | 0163-4356 | USA         | SCI      | 1979                           | 6                             | English  | 2.099   |
| 78. Toxicologic Pathology                  | 0192-6233 | USA         | SCIE     | 1978                           | 6                             | English  | 2.197   |
| 79. Toxicological and Environmental        | 0277-2248 | England     | SCIE     | 1981                           | 12                            | English  | 0.634   |
| Chemistry                                  |           |             |          |                                |                               |          |         |
| 80. Toxicological Sciences                 | 1096-6080 | USA         | SCI      | 1998                           | 12                            | English  | 3.88    |
| 81. Toxicology                             | 0300-483X | Ireland     | SCI      | 1973                           | 24                            | English  | 3.817   |
| 82. Toxicology and Applied Pharmacology    | 0041-008X | USA         | SCI      | 1959                           | 24                            | English  | 3.847   |
| 83. Toxicology and Industrial Health       | 0748-2337 | England     | SCIE     | 1985                           | 12                            | English  | 1.688   |
| 84. Toxicology In Vitro                    | 0887-2333 | England     | SCI      | 1987                           | 6                             | English  | 3.338   |
| 85.Toxicology Letters                      | 0378-4274 | Netherland  | SCI      | 1977                           | 24                            | English  | 3.522   |
| 86. Toxicology Mechanisms and Methods      | 1537-6516 | England     | SCIE     | 2002                           | 12                            | English  | 1.476   |
| 87. Toxicology Research                    | 2045-452X | England     | SCIE     | 2012                           | 6                             | English  | 2.161   |
| 88. Toxicon                                | 0041-0101 | England     | SCI      | 1962                           | 24                            | English  | 2.309   |
| 89. Toxin Reviews                          | 1556-9543 | USA         | SCI      | 2005                           | 4                             | English  | 0.857   |
| 90. Toxins                                 | 2072-6651 | Switzerland | SCIE     | 2009                           | 12                            | English  | 3.571   |
| 91. World Mycotoxin Journal                | 1875-0710 | Netherland  | SCIE     | 2008                           | 4                             | English  | 1.397   |
| 92. Xenobiotic                             | 0049-8254 | England     | SCI      | 1971                           | 12                            | English  | 1.723   |
| IF: Impact Factor.                         |           |             |          |                                |                               |          |         |

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| Name of the Journal<br>publications<br>indexed in Web<br>of Science (WoS)Number of<br>publications<br>indexed in Web<br>of Science (WOS)Acceptance in Science<br>of Turkey-based<br>publications in<br>web of Science<br>(WS)/Pubmed (PM)Average nanuel<br>publications in<br>web of Science<br>(WS)/Pubmed (PM)1. Alcohol250 (WoS)70.000060.2122. Annal Science (WS)70.000060.2122. Annal Review of Pharmacology and Toxicology918 (WoS)0003. Annual Review of Pharmacology and Toxicology198 (WoS)10.0180.0354. Aquatic Toxicology918 (WoS)110.2400.3055. Archives of Environmental Contamination<br>and Toxicology4805 (WOS)330.6860.7506. Archives of Toxicology4489 (PM)330.7350.7506. Archives of Toxicology2010 (PM)450.0241.0466. Archives of Toxicology2010 (PM)450.0241.0467. Arthiv Za Higjienu Rada I Toxicology2034 (PM)130.7350.7508. Basic & Clinical Pharmacology & Toxicology7034 (WoS)860.2240.61349. Biomarkers1324 (WoS)100.1220.619. Biomarkers1324 (WoS)110.1680.00110. Birth Offects Research Part A-Clinical and<br>10452 (PM)100.1220.6110. Birth Offects Research Part A-Clinical and<br>10452 (PM)100.160.0713. Bulleti of Environmental Contamination<br>11. Birth Offects Research Part A-Clinical a   | Appendix 2. Publications from furkey in journals indexed in toxicology SCF/SCFE |   |   |  |   |  |  |  |  |
|---|---|---|---|--|---|--|--|--|--|
| 1. Alcohol       3250 (WoS)       7       0.00006       0.212         2. Annals of Occupational Hygiene       2873 (PM)       7       0.258       0.212         3. Annual Review of Pharmacology and Toxicology       918 (WoS)       1       0.108       0.035         3. Annual Review of Pharmacology and Toxicology       918 (WoS)       1       0.208       0.0       0         4. Aquatic Toxicology       4581 (WoS)       33       0.066       0.750         3. Annual Review of Pharmacology and Toxicology       4487 (PM)       33       0.735       0.750         5. Archives of Environmental Contamination       4805 (WoS)       33       0.066       0.750         6. Archives of Environmental Contamination       4805 (WoS)       30       0.735       0.750         6. Archives of Environmental Contamination       4805 (WoS)       30       0.634       0.491         of Industrial Hygiene and Toxicology       2010 (PM)       14       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       26       1.222       6.61         1. Birth Defects Research Part Ar-Clinical and       362 (WoS)       1       0.071       0.071         1. Birth Defects Research Part B-Developmential       561 (WoS)       1   | Name of the Journal   | Total number of<br>publications<br>indexed in Web<br>of Science (WoS)/<br>Pubmed (PM) | Number of<br>Turkey-based<br>publications<br>indexed in Web<br>of Science (WoS)/<br>Pubmed (PM) | Acceptance rate<br>of Turkey-based<br>publications in<br>Web of Science<br>(WoS)/Pubmed (PM) | Average annual<br>publication rate<br>of Turkey-based<br>articles |  |  |  |  |
| 2713 (PM)         7         0.258         0.212           2. Annals of Occupational Hygiene         2837(WoS)         0         0         0           3. Annala Review of Pharmacology and Toxicology         918 (WoS)         1         0.108         0.035           4. Aquatic Toxicology         4581 (WoS)         11         0.240         0.305           5. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           6. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           6. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.259           6. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.229           7. Arbiv Za Higijenu Rada I Tokiskologiju-Archives         489 (WoS)         36         6.134         0.491           of Industrial Hygiene and Toxicology         2010 (PM)         14         0.666         0.229         5           9. Biomarkers         1324 (WoS)         21         1586         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)  | 1. Alcohol  | 3250 (WoS)  | 7   | 0.00006  | 0.212   |  |  |  |  |
| 2. Annals of Occupational Hygiene         2837(WoS)         0         0         0           3. Annual Review of Pharmacology and Toxicology         918 (WoS)         1         0.108         0.035           4. Aquatic Toxicology         458 (WoS)         1         0.240         0.305           5. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           and Toxicology         4487 (PM)         33         0.735         0.750           6. Archives of Toxicology         4487 (PM)         33         0.735         0.750           6. Archives of Toxicology         4486 (WoS)         45         0.905         1.046           7. Arhiv Za Higijenu Rada I Toksikologiju-Archives         489 (WoS)         30         6.134         0.491           of Industrial Hygiene and Toxicology         7034 (WoS)         86         1.222         6.61           8. Basic & Clinical Pharmacology & Toxicology         1032 (WoS)         10         0.276         0.714           Molecular Textology         1334 (WoS)         11         0.178         0.071           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0         0         0           11. Bulletin of Environmental Contamination and  |   | 2713 (PM)   | 7   | 0.258  | 0.212   |  |  |  |  |
| Annual Review of Pharmacology and Toxicology         918 (WoS)         1         0.108         0.035           1044 (PM)         0         0         0         0           4. Aquatic Toxicology         4581 (WoS)         11         0.240         0.305           5. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           6. Archives of Toxicology         4486 (WoS)         33         0.686         0.750           6. Archives of Toxicology         4486 (WoS)         33         0.6134         0.491           7. Arhiv Za Higjienu Rada I Toxisology         2010 (PM)         45         0.905         1.046           7. Arhiv Za Higjienu Rada I Toxisology         2010 (PM)         14         0.696         0.229           8. Basic & Clinical Pharmacology & Toxicology         7034 (WoS)         21         1.586         1.000           9. Biomarkers         1324 (WoS)         21         1.586         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)         2         0.142         1.142         1.11           11. Birth Defects Research Part A-Clinical and         3027 (WoS)   | 2. Annals of Occupational Hygiene   | 2837(WoS)   | 0   | 0  | 0   |  |  |  |  |
| 3. Annual Review of Pharmacology and Toxicology       918 (WoS)       1       0.108       0.035         1044 (PM)       0       0       0       0         3. Achives of Environmental Contamination       4081 (WoS)       11       0.213       0.305         s. Archives of Environmental Contamination       4080 (WoS)       33       0.6866       0.750         and Toxicology       4487 (PM)       33       0.735       0.750         and Toxicology       4486 (WoS)       45       0.924       1.046         7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       489 (WoS)       30       6.134       0.491         of Industrial Hygiene and Toxicology       7034 (WoS)       86       1.222       6.61         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         1. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         1.1. Birth Defects Research Part A-Clinical and       3622 (WoS)       1       0.178       0.071         1.2. BMC Pharmacology & Toxicology       1433 (PM)       2       0.63       0       0         1.3. Bulletin   | 1 ,3  | 3088 (PM)   | 0   | 0  | 0   |  |  |  |  |
| 1044 (PM)         0         0         0           4. Aquatic Toxicology         4581 (WoS)         11         0.240         0.305           3. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           and Toxicology         4487 (PM)         33         0.735         0.750           and Toxicology         4487 (PM)         33         0.735         0.750           6. Archives of Toxicology         4867 (PM)         45         0.905         1.046           7. Arhiv Za Higijenu Rada Toksikologiju-Archives         4867 (PM)         45         0.905         1.046           6. Archives at Higijenu Rada Toksikologiju-Archives         4867 (PM)         45         0.905         1.046           9. Biomarkers         1324 (WoS)         201 (PM)         14         0.696         0.229           9. Biomarkers         1324 (WoS)         21         1.886         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         138 (PM)         1         0.178         0.071           11. Birth Defects Research Part B-Developmental         548 (PM)         1         0.182         0.071   | 3. Annual Review of Pharmacology and Toxicology                                 | 918 (WoS)   | 1   | 0.108  | 0.035   |  |  |  |  |
| 4. Aquatic Toxicology       4581 (WoS)       11       0.240       0.305         5. Archives of Environmental Contamination       4805 (WoS)       33       0.686       0.750         and Toxicology       4487 (PM)       33       0.735       0.750         6. Archives of Toxicology       4487 (PM)       33       0.735       0.750         6. Archives of Toxicology       4487 (PM)       45       0.905       1.046         7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       489 (WoS)       30       6.134       0.491         of Industrial Hygiene and Toxicology       2010 (PM)       14       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part A-Clinical and       1622 (WoS)       1       0.178       0.071         12. BMC Pharmacology & Toxicology       1433 (PM)       2       0.139       0.142         13. Bulletin of Environmental Contamination and       10327 (WoS)       0       0       0         14. Cardiov   | 5, 5,   | 1044 (PM)   | 0   | 0  | 0   |  |  |  |  |
| Archives of Environmental Contamination         3504 (PM)         11         0.313         0.305           5. Archives of Environmental Contamination         4805 (WoS)         33         0.686         0.750           and Toxicology         4487 (PM)         33         0.735         0.750           6. Archives of Toxicology         4487 (PM)         45         0.924         1.046           7. Arhiv Za Higijenu Rada I Toksikologiju-Archives         4967 (PM)         45         0.905         1.046           7. Arhiv Za Higijenu Rada I Toksikologiju-Archives         499 (WoS)         30         6.134         0.491           of Industrial Hygiene and Toxicology         2010 (PM)         14         0.696         0.229           8. Basic & Clinical Pharmacology & Toxicology         7034 (WoS)         86         1.222         6.61           9. Biomarkers         1324 (WoS)         21         1.586         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Feratology         1433 (PM)         2         0.138         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         1285   | 4. Aquatic Toxicology   | 4581 (WoS)  | 11  | 0.240  | 0.305   |  |  |  |  |
| 5. Archives of Environmental Contamination       4805 (WoS)       33       0.686       0.750         and Toxicology       4487 (PM)       33       0.735       0.750         6. Archives of Toxicology       4486 (WoS)       45       0.905       1.046         7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       4967 (PM)       45       0.905       1.046         7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       4907 (PM)       44       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         9. Biomarkers       1372 (WoS)       21       1.586       1.000         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part A-Clinical and       10327 (WoS)       1       0.178       0.071         and Reproductive Toxicology       548 (PM)       1       0.182       0.071         12. BMC Pharmacology & Toxicology       119 (WoS)       17       3.872       1.06         13. Bulletin of Environmental Contamination and       10327 (WoS)       17       3.872       1.06   |   | 3504 (PM)   | 11  | 0.313  | 0.305   |  |  |  |  |
| and Toxicology       4487 (PM)       33       0.735       0.750         6. Archives of Toxicology       4869 (WoS)       45       0.905       1.046         7. Arhiv Za Higijenu Rada I Tokiskologiju-Archives       489 (WoS)       30       6.134       0.491         7. Arhiv Za Higijenu Rada I Tokiskologiju-Archives       489 (WoS)       30       6.134       0.491         of Industrial Hygiene and Toxicology       2010 (PM)       14       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         1970 (PM)       65       3.299       5       9       9.10       1.586       1.000         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.178       0.071         and Reproductive Toxicology       548 (PM)       1       0.182       0.071         12. BURC Pharmacology & Toxicology       12595 (PM)       269       2.604       5.274         Toxicology       12595 (PM)       269       2.604       5.274   | 5. Archives of Environmental Contamination                                      | 4805 (WoS)  | 33  | 0.686  | 0.750   |  |  |  |  |
| 6. Archives of Toxicology       4869 (WoS)       45       0.924       1.046         7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       4967 (PM)       45       0.905       1.046         of Industrial Hygiene and Toxicology       2010 (PM)       14       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         9. Biomarkers       1324 (WoS)       21       1.586       1.000         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.178       0.071         and Reproductive Toxicology       133 (PM)       2       0.139       0.142         13. Bulletin of Environmental Contamination and       10327 (WoS)       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         14. Cardiovascular Toxicology       1282 (WoS)       23       1.794       0.696         1.5. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696  | and Toxicology  | 4487 (PM)   | 33  | 0.735  | 0.750   |  |  |  |  |
| A         4967 (PM)         45         0.905         1.046           7. Arhiv Za Higijenu Rada I Toksikologiju-Archives         489 (WoS)         30         6.134         0.491           of Industrial Hygine and Toxicology         2010 (PM)         14         0.696         0.229           8. Basic & Clinical Pharmacology & Toxicology         7034 (WoS)         86         1.222         6.61           9. Biomarkers         1324 (WoS)         21         1.586         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)         2         0.139         0.142           11. Birth Defects Research Part B-Developmental         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         1959 (PM)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.604         5.274           14. Cardiovascular Toxicology         1285 (PM)         0         0         0         0           14. Cardiovascular Toxicology         1282 (WoS)  | 6. Archives of Toxicology   | 4869 (WoS)  | 45  | 0.924  | 1.046   |  |  |  |  |
| 7. Arhiv Za Higijenu Rada I Toksikologiju-Archives       489 (WoS)       30       6.134       0.491         of Industrial Hygiene and Toxicology       2010 (PM)       14       0.696       0.229         8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         9. Biomarkers       1324 (WoS)       21       1.586       1.000         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.178       0.071         12. BMC Pharmacology & Toxicology       119 (WoS)       0       0       0         12. BMC Pharmacology & Toxicology       119 (WoS)       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         14. Cardiovascular Toxicology       1285 (PM)       0       0       0       0         14. Cardiovascular Toxicology       1289 (PM)       23       1.794       0.696         15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         17  | 5,  | 4967 (PM)   | 45  | 0.905  | 1.046   |  |  |  |  |
| of Industrial Hygiene and Toxicology         2010 (PM)         14         0.696         0.229           8. Basic & Clinical Pharmacology & Toxicology         7034 (WoS)         86         1.222         6.61           9. Biomarkers         1324 (WoS)         21         1.586         1.000           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)         2         0.139         0.142           11. Birth Defects Research Part B-Developmental         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         1439 (WoS)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.604         5.274           14. Cardiovascular Toxicology         139 (WoS)         17         3.872         1.06           15. Cell Biology and Toxicology         12895 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         1282 (WoS)         23         1.794         0.696           16. Chemical Research In Toxicology         586 (WoS) <td>7. Arhiv Za Higijenu Rada I Toksikologiju-Archives</td> <td>489 (WoS)</td> <td>30</td> <td>6.134</td> <td>0.491</td>          | 7. Arhiv Za Higijenu Rada I Toksikologiju-Archives                              | 489 (WoS)   | 30  | 6.134  | 0.491   |  |  |  |  |
| 8. Basic & Clinical Pharmacology & Toxicology       7034 (WoS)       86       1.222       6.61         1970 (PM)       65       3.299       5         9. Biomarkers       1324 (WoS)       21       1.586       1.000         10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.182       0.071         and Reproductive Toxicology       199 (WoS)       0       0       0       0         12. BMC Pharmacology & Toxicology       119 (WoS)       0       0       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         14. Cardiovascular Toxicology       12595 (PM)       269       2.135       5.274         14. Cardiovascular Toxicology       1282 (WoS)       17       3.872       1.066         15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         16. Chemical Research In Toxicology       5304 (PM)       2       0.377       0.689         17. Chemical Speciation and Bioava   | of Industrial Hygiene and Toxicology  | 2010 (PM)   | 14  | 0.696  | 0.229   |  |  |  |  |
| 1970 (PM)         65         3.299         5           9. Biomarkers         1324 (WoS)         21         1.586         1.000           1405 (PM)         17         1.209         0.809           10. Birth Defects Research Part A-Clinical and         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)         2         0.139         0.142           11. Birth Defects Research Part B-Developmental         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         19 (WoS)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.135         5.274           14. Cardiovascular Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         1282 (WoS)         17         3.872         1.06           15. Cell Biology and Toxicology         1282 (WoS)         23         1.934         0.696           16. Chemical Research In T   | 8. Basic & Clinical Pharmacology & Toxicology                                   | 7034 (WoS)  | 86  | 1.222  | 6.61  |  |  |  |  |
| 9. Biomarkers       1324 (WoS)       21       1.586       1.000         1405 (PM)       17       1.209       0.809         10. Birth Defects Research Part A-Clinical and Sc22 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.0142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.178       0.071         and Reproductive Toxicology       548 (PM)       1       0.182       0.071         12. BMC Pharmacology & Toxicology       548 (PM)       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         Toxicology       12595 (PM)       269       2.135       5.274         14. Cardiovascular Toxicology       1282 (WoS)       17       3.872       1.06         602 (PM)       19       3.156       1.18         15. Cell Biology and Toxicology       1282 (WoS)       23       1.934       0.696         16. Chemical Research In Toxicology       5304 (PM)       2       0.311       0.365         16. Chemical Research In Toxicology       7190 (WoS)       49       0.681       4.08         17. Chemical Spec  |   | 1970 (PM)   | 65  | 3.299  | 5   |  |  |  |  |
| 1405 (PM)         17         1.209         0.809           10. Birth Defects Research Part A-Clinical and<br>Molecular Teratology         3622 (WoS)         10         0.276         0.714           Molecular Teratology         1433 (PM)         2         0.139         0.142           11. Birth Defects Research Part B-Developmental         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         119 (WoS)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.135         5.274           14. Cardiovascular Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         1282 (WoS)         17         3.872         1.06           15. Cell Biology and Toxicology         1282 (WoS)         23         1.934         0.696           16. Chemical Research In Toxicology         5304 (PM)         2         0.377         0.689           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         584 (WoS)  | 9. Biomarkers   | 1324 (WoS)  | 21  | 1.586  | 1.000   |  |  |  |  |
| 10. Birth Defects Research Part A-Clinical and       3622 (WoS)       10       0.276       0.714         Molecular Teratology       1433 (PM)       2       0.139       0.142         11. Birth Defects Research Part B-Developmental       561 (WoS)       1       0.178       0.071         and Reproductive Toxicology       548 (PM)       1       0.182       0.071         12. BMC Pharmacology & Toxicology       119 (WoS)       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.135       5.274         14. Cardiovascular Toxicology       1295 (PM)       269       2.135       5.274         14. Cardiovascular Toxicology       1295 (PM)       19       3.156       1.18         15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       11       0.518       0.645         19. Chinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)   |   | 1405 (PM)   | 17  | 1.209  | 0.809   |  |  |  |  |
| Molecular Teratology         1433 (PM)         2         0.139         0.142           11. Birth Defects Research Part B-Developmental<br>and Reproductive Toxicology         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         119 (WoS)         0         0         0           13. Bulletin of Environmental Contamination and<br>Toxicology         10327 (WoS)         269         2.604         5.274           14. Cardiovascular Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         439 (WoS)         17         3.872         1.06           602 (PM)         19         3.156         1.18         1.18           15. Cell Biology and Toxicology         1282 (WoS)         23         1.794         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.031         0.689           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           19. Clinical Toxicology         7190 (WoS) </td <td>10. Birth Defects Research Part A-Clinical and</td> <td>3622 (WoS)</td> <td>10</td> <td>0.276</td> <td>0.714</td> | 10. Birth Defects Research Part A-Clinical and                                  | 3622 (WoS)  | 10  | 0.276  | 0.714   |  |  |  |  |
| 11. Birth Defects Research Part B-Developmental         561 (WoS)         1         0.178         0.071           and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         119 (WoS)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.604         5.274           14. Cardiovascular Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         1280 (WoS)         17         3.872         1.06           602 (PM)         19         3.156         1.18         1.18           15. Cell Biology and Toxicology         1289 (WoS)         23         1.794         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.31         0.689           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           6330 (PM)         27         0.395         0.562         19         0.477         3.66           19. Clinical Toxicology         7190 (WoS)   | Molecular Teratology  | 1433 (PM)   | 2   | 0.139  | 0.142   |  |  |  |  |
| and Reproductive Toxicology         548 (PM)         1         0.182         0.071           12. BMC Pharmacology & Toxicology         119 (WoS)         0         0         0           285 (PM)         0         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.604         5.274           Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         439 (WoS)         17         3.872         1.06           602 (PM)         19         3.156         1.18           15. Cell Biology and Toxicology         1282 (WoS)         23         1.794         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.317         0.689           7. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           6300 (PM)         27         0.395         0.562         19         0.681         4.08           19. Clinical Toxicology         7190 (WoS)         49         0.681         4.08         1.117 <t< td=""><td>11. Birth Defects Research Part B-Developmental</td><td>561 (WoS)</td><td>1</td><td>0.178</td><td>0.071</td></t<>   | 11. Birth Defects Research Part B-Developmental                                 | 561 (WoS)   | 1   | 0.178  | 0.071   |  |  |  |  |
| 12. BMC Pharmacology & Toxicology       119 (WoS)       0       0       0         13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         Toxicology       12595 (PM)       269       2.135       5.274         14. Cardiovascular Toxicology       439 (WoS)       17       3.872       1.06         15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         17.7 Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         17.76 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)   | and Reproductive Toxicology   | 548 (PM)  | 1   | 0.182  | 0.071   |  |  |  |  |
| 285 (PM)         0         0         0           13. Bulletin of Environmental Contamination and         10327 (WoS)         269         2.604         5.274           Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         439 (WoS)         17         3.872         1.06           14. Cardiovascular Toxicology         602 (PM)         19         3.156         1.18           15. Cell Biology and Toxicology         1282 (WoS)         23         1.794         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.031         0.689           16. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           19. Clinical Toxicology         7190 (WoS)         49         0.681         4.08           1776 (PM)         44         2.477         3.66           20. Comparative Biochemistry and Physiology         2182 (WoS)         19         0.870         1.117           C-Toxic   | 12. BMC Pharmacology & Toxicology   | 119 (WoS)   | 0   | 0  | 0   |  |  |  |  |
| 13. Bulletin of Environmental Contamination and       10327 (WoS)       269       2.604       5.274         Toxicology       12595 (PM)       269       2.135       5.274         14. Cardiovascular Toxicology       439 (WoS)       17       3.872       1.06         602 (PM)       19       3.156       1.18         15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         1189 (PM)       23       1.934       0.696         16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         77. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       7   | 5, 5,   | 285 (PM)  | 0   | 0  | 0   |  |  |  |  |
| Toxicology         12595 (PM)         269         2.135         5.274           14. Cardiovascular Toxicology         439 (WoS)         17         3.872         1.06           602 (PM)         19         3.156         1.18           15. Cell Biology and Toxicology         1282 (WoS)         23         1.794         0.696           1189 (PM)         23         1.934         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.031         0.689           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           6830 (PM)         27         0.395         0.562           19. Clinical Toxicology         7190 (WoS)         49         0.681         4.08           1776 (PM)         44         2.477         3.66           20. Comparative Biochemistry and Physiology         2182 (WoS)         19         0.870         1.117           2-Toxicology & Pharmacology         2053 (PM)         16         0.779         0.941           21. Critical Reviews In Toxicology         752 (WoS)         0         0         0   | 13. Bulletin of Environmental Contamination and                                 | 10327 (WoS)   | 269   | 2.604  | 5.274   |  |  |  |  |
| 14. Cardiovascular Toxicology       439 (Wos)       17       3.872       1.06         602 (PM)       19       3.156       1.18         15. Cell Biology and Toxicology       1282 (Wos)       23       1.794       0.696         189 (PM)       23       1.934       0.696         16. Chemical Research In Toxicology       6386 (Wos)       2       0.031       0.689         5304 (PM)       2       0.377       0.689         17. Chemical Speciation and Bioavailability       493 (Wos)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (Wos)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (Wos)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (Wos)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (Wos)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (Wos)       230       37.398       19.16   | Toxicology  | 12595 (PM)  | 269   | 2.135  | 5.274   |  |  |  |  |
| 602 (PM)         19         3.156         1.18           15. Cell Biology and Toxicology         1282 (WoS)         23         1.794         0.696           1189 (PM)         23         1.934         0.696           16. Chemical Research In Toxicology         6386 (WoS)         2         0.031         0.689           16. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           17. Chemical Speciation and Bioavailability         493 (WoS)         11         2.231         0.305           18. Chemico-Biological Interactions         5984 (WoS)         31         0.518         0.645           6830 (PM)         27         0.395         0.562         0.562           19. Clinical Toxicology         7190 (WoS)         49         0.681         4.08           1776 (PM)         44         2.477         3.66           20. Comparative Biochemistry and Physiology         2182 (WoS)         19         0.870         1.117           C-Toxicology & Pharmacology         2053 (PM)         16         0.779         0.941           21. Critical Reviews In Toxicology         752 (WoS)         0         0         0           22. Cutaneous and Ocular Toxicology         615 (WoS)         <  | 14. Cardiovascular Toxicology   | 439 (WoS)   | 17  | 3.872  | 1.06  |  |  |  |  |
| 15. Cell Biology and Toxicology       1282 (WoS)       23       1.794       0.696         1189 (PM)       23       1.934       0.696         16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16   | 57  | 602 (PM)  | 19  | 3.156  | 1.18  |  |  |  |  |
| 1189 (PM)       23       1.934       0.696         16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16   | 15. Cell Biology and Toxicology   | 1282 (WoS)  | 23  | 1.794  | 0.696   |  |  |  |  |
| 16. Chemical Research In Toxicology       6386 (WoS)       2       0.031       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16  | 5, 5,   | 1189 (PM)   | 23  | 1.934  | 0.696   |  |  |  |  |
| 5304 (PM)       2       0.377       0.689         17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16   | 16. Chemical Research In Toxicology   | 6386 (WoS)  | 2   | 0.031  | 0.689   |  |  |  |  |
| 17. Chemical Speciation and Bioavailability       493 (WoS)       11       2.231       0.305         18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16   | 5,  | 5304 (PM)   | 2   | 0.377  | 0.689   |  |  |  |  |
| 18. Chemico-Biological Interactions       5984 (WoS)       31       0.518       0.645         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16   | 17. Chemical Speciation and Bioavailability                                     | 493 (WoS)   | 11  | 2.231  | 0.305   |  |  |  |  |
| 6830 (PM)       27       0.395       0.562         19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16  | 18. Chemico-Biological Interactions   | 5984 (WoS)  | 31  | 0.518  | 0.645   |  |  |  |  |
| 19. Clinical Toxicology       7190 (WoS)       49       0.681       4.08         1776 (PM)       44       2.477       3.66         20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16         680 (PM)       230       33.823       19.16   | 5   | 6830 (PM)   | 27  | 0.395  | 0.562   |  |  |  |  |
| 1776 (PM)     44     2.477     3.66       20. Comparative Biochemistry and Physiology     2182 (WoS)     19     0.870     1.117       C-Toxicology & Pharmacology     2053 (PM)     16     0.779     0.941       21. Critical Reviews In Toxicology     752 (WoS)     0     0     0       22. Cutaneous and Ocular Toxicology     615 (WoS)     230     37.398     19.16       680 (PM)     230     33.823     19.16  | 19. Clinical Toxicology   | 7190 (WoS)  | 49  | 0.681  | 4.08  |  |  |  |  |
| 20. Comparative Biochemistry and Physiology       2182 (WoS)       19       0.870       1.117         C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16         680 (PM)       230       33.823       19.16  | 5,  | 1776 (PM)   | 44  | 2.477  | 3.66  |  |  |  |  |
| C-Toxicology & Pharmacology       2053 (PM)       16       0.779       0.941         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         23. Critical Reviews In Toxicology       752 (WoS)       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16         680 (PM)       230       33.823       19.16   | 20. Comparative Biochemistry and Physiology                                     | 2182 (WoS)  | 19  | 0.870  | 1.117   |  |  |  |  |
| 21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         21. Critical Reviews In Toxicology       752 (WoS)       0       0       0         853 (PM)       0       0       0       0         22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16         680 (PM)       230       33.823       19.16   | C-Toxicology & Pharmacology   | 2053 (PM)   | 16  | 0.779  | 0.941   |  |  |  |  |
| 853 (PM)         0         0         0         0           22. Cutaneous and Ocular Toxicology         615 (WoS)         230         37.398         19.16           680 (PM)         230         33.823         19.16   | 21. Critical Reviews In Toxicology  | 752 (WoS)   | 0   | 0  | 0   |  |  |  |  |
| 22. Cutaneous and Ocular Toxicology       615 (WoS)       230       37.398       19.16         680 (PM)       230       33.823       19.16  |   | 853 (PM)  | 0   | 0  | 0   |  |  |  |  |
| 680 (PM) 230 33.823 19.16   | 22. Cutaneous and Ocular Toxicology   | 615 (WoS)   | 230   | 37.398   | 19.16   |  |  |  |  |
|   | 5,  | 680 (PM)  | 230   | 33.823   | 19.16   |  |  |  |  |

2258 (WoS)

4

4

100

100

42

2

2.170

2.211

7.122

6.671

0.848

0.083

0.266

0.266

2.500

2.500

1.55

0.074

# Appendix 2. Publications from Turkey in journals indexed in toxicology SCI /SCI-E

23. DNA Repair

#### Appendix 2. Cont.

| Name of the Journal   | Total number of<br>publications<br>indexed in Web<br>of Science (WoS)/<br>Pubmed (PM) | Number of<br>Turkey-based<br>publications<br>indexed in Web<br>of Science (WoS)/ | Acceptance rate<br>of Turkey-based<br>publications in<br>Web of Science<br>(WoS)/Pubmed (PM) | Average annual<br>publication rate<br>of Turkey-based<br>articles |
|---|---|--|--|---|
|   |   | Pubmed (PM)  |  |   |
| 26. Drugs   | 6937 (WoS)  | 6  | 0.086  | 0.206   |
|   | 6780 (PM)   | 6  | 0.088  | 0.206   |
| 27. Ecotoxicology   | 2185 (WoS)  | 15   | 0.686  | 0.714   |
|   | 2099 (PM)   | 17   | 0.809  | 0.809   |
| 28. Ecotoxicology and Environmental Safety                      | 5915 (WoS)  | 70   | 1.183  | 1.75  |
|   | 6180 (PM)   | 70   | 1.132  | 1.75  |
| 29. Environmental and Molecular Mutagenesis                     | 5140 (WoS)  | 18   | 0.350  | 0.600   |
|   | 2443 (PM)   | 18   | 0.736  | 0.600   |
| 30. Environmental Health Perspectives                           | 14008 (WoS)   | 12   | 0.856  | 0.266   |
|   | 13439 (PM)  | 12   | 0.089  | 0.266   |
| 31. Environmental Toxicology                                    | 1632 (WoS)  | 60   | 3.676  | 3.333   |
|   | 1608 (PM)   | 60   | 3.731  | 3.333   |
| 32. Environmental Toxicology and Chemistry                      | 9478 (WoS)  | 10   | 0.105  | 0.28  |
|   | 5970 (PM)   | 12   | 0.201  | 0.342   |
| 33. Environmental Toxicology and Pharmacology                   | 2601 (WoS)  | 105  | 4.03   | 5   |
|   | 2683 (PM)   | 101  | 3.76   | 4.80  |
| 34. Experimental and Toxicologic Pathology                      | 1905 (WoS)  | 70   | 0.367  | 2.8   |
|   | 1910 (PM)   | 65   | 3.403  | 2.6   |
| 35. Fluoride  | 1409 (WoS)  | 38   | 2.69   | 0.775   |
|   | Not scanned (PM)  |  |  |   |
| 36. Food Additives & Contaminants Part B-Surveillanc            | e 377 (WoS)   | 35   | 9.28   | 3.88  |
|   | 403 (PM)  | 35   | 8.68   | 3.88  |
| 37. Food Additives and Contaminants                             | 1653 (WoS)  | 34   | 2.08   | 3.77  |
| Part A-Chemistry Analysis Control Exposure & Risk<br>Assessment | 1835 (PM)   | 32   | 1.743  | 3.555   |
| 38. Food and Agricultural Immunology                            | 746 (WoS)   | 6  | 0.804  | 0.24  |
|   | Not scanned (PM)  |  |  |   |
| 39. Food and Chemical Toxicology                                | 9046 (WoS)  | 198  | 2.18   | 5.65  |
|   | 8879 (PM)   | 193  | 2.17   | 5.51  |
| 40. Forensic Toxicology   | 310 (WoS)   | 1  | 0.322  | 0.09  |
|   | 24 (PM)   | 0  | 0  | 0   |
| 41. Human & Experimental Toxicology                             | 2007 (WoS)  | 272  | 13.55  | 10.07   |
|   | 3227 (PM)   | 297  | 9.20   | 11  |
| 42. Immunopharmacology and Immunotoxicology                     | 1753 (WoS)  | 24   | 1.36   | 0.8   |
|   | 1770 (PM)   | 24   | 1.35   | 0.8   |
| 43. Industrial Health   | 1758 (WoS)  | 18   | 1.023  | 0.333   |
|   | 1980 (PM)   | 17   | 0.858  | 0.31  |
| 44. Inflammopharmacology  | 169 (WoS)   | 3  | 1.77   | 0.11  |
|   | 677 (PM)  | 5  | 0.73   | 0.19  |
| 45. Inhalation Toxicology                                       | 2201 (WoS)  | 29   | 1.317  | 1.03  |
|   | 1799 (PM)   | 28   | 1.55   | 1   |
| 46. Integrated Environmental Assessment and                     | 681 (WoS)   | 0  | 0  | 0   |
| Management  | 1026 (PM)   | 0  | 0  | 0   |
| 47. International Journal of Toxicology                         | 2142 (WoS)  | 18   | 0.840  | 0.9   |
|   | 1031 (PM)   | 18   | 1.74   | 0.9   |
| 48. Journal of Analytical Toxicology                            | 3756 (WoS)  | 2  | 0.053  | 0.05  |
|   | 3690 (PM)   | 1  | 0.027  | 0.025   |
| 49. Journal of Applied Toxicology                               | 2900 (WoS)  | 38   | 1.31   | 1.15  |
|   | 3085 (PM)   | 36   | 1.16   | 1   |

# Appendix 2. Cont.

| Name of the Journal   | Total number of<br>publications<br>indexed in Web<br>of Science (WoS)/ | Number of<br>Turkey-based<br>publications<br>indexed in Web | Acceptance rate<br>of Turkey-based<br>publications in<br>Web of Science | Average annual<br>publication rate<br>of Turkey-based<br>articles |
|---|--|---|---|---|
|   | Pubmed (PM)  | of Science (WoS)/<br>Pubmed (PM)                            | (WoS)/Pubmed (PM)   |   |
| 50. Journal of Biochemical and Molecular Toxicology           | / 1002 (WoS)   | 42  | 4.19  | 2.210   |
| 51 Journal of Environmental Pathology Toxicology              | 602 (WoS)  | 15  | 2 49  | 0.46  |
| and Oncology  | 1180 (PM)  | 39  | 3 305   | 1 21  |
| 52 Journal of Environmental Science and Health                | 277 (WoS)  | 0   | 0   | 0   |
| Part C-Environmental Carcinogenesis & Ecotoxicolog<br>Reviews | gy 164 (PM)  | 0   | Ū   | Ū   |
| 53. Journal of Exposure Science and Environmental             | 886 (WoS)  | 1   | 0.112   | 0.090   |
| Epidemiology  | 925 (PM)   | 2   | 0.216   | 0.18  |
| 54. Journal of Food Safety and Food Quality-Archiv            | 1328 (WoS)   | 94  | 7.07  | 1.51  |
| Fur Lebensmittelhygiene                                       | Not scanned (PM)   | 0   | 0   | 0   |
| 55. Journal of Immunotoxicology                               | 500 (WoS)  | 5   | 1   | 0.38  |
| 5,  | 575 (PM)   | 5   | 0.86  | 0.38  |
| 56. Journal of Pharmacological and Toxicological              | 2026 (WoS)   | 5   | 0.246   | 0.2   |
| Methods   | 1585 (PM)  | 4   | 0.252   | 0.16  |
| 57. Journal of Toxicologic Pathology                          | 357 (WoS)  | 0   | 0   | 0   |
| 5 5,  | 348 (PM)   | 0   |   |   |
| 58. Journal of Toxicological Sciences                         | 932 (WoS)  | 5   | 0.536   | 0.12  |
| 5   | 2432 (PM)  | 7   | 0.287   | 0.17  |
| 59. Journal of Toxicology and Environmental                   | 2431 (WoS)   | 25  | 1.028   | 1.31  |
| Health-Part A-Current Issues                                  | 2663 (PM)  | 34  | 1.27  | 1.78  |
| 60. Journal of Toxicology and Environmental                   | 334 (WoS)  | 0   | 0   | 0   |
| Health-Part B-Critical Reviews                                | 325 (PM)   | 0   |   |   |
| 61. Journal of Venomous Animals and Toxins                    | 656 (WoS)  | 21  | 3.20  | 1.5   |
| Including Tropical Diseases                                   | 198 (PM)   | 0   | 0   | 0   |
| 62. Marine Environmental Research                             | 3764 (WoS)   | 16  | 0.425   | 0.410   |
|   | 1858 (PM)  | 9   | 0.484   | 0.230   |
| 63. Molecular & Cellular Toxicology                           | 1043 (WoS)   | 0   | 0   | 0   |
| 5,  | Not scanned (PM)   | 0   |   |   |
| 64. Mutagenesis   | 3718 (WoS)   | 15  | 0.403   | 1.25  |
| 5   | 2449 (PM)  | 13  | 0.53  | 1.08  |
| 65. Mutation Research-Fundamental and Molecular               | 4071 (WoS)   | 19  | 0.466   | 0.354   |
| Mechanisms of Mutagenesis                                     |  | 112   | 0.564   | 2.24  |
| 66. Mutation Research-Genetic Toxicology and                  | 3445 (WoS)   | 83  | 2.409   | 1.56  |
| Environmental Mutagenesis                                     |  | 112   | 0.564   | 2.24  |
| 67. Mutation Research-Reviews In Mutation Research            | h 677 (WoS)  | 0   | 0   | 0   |
|   |  | 112   | 0.564   | 2.24  |
| 68. Mycotoxin Research  | 120 (WoS)  | 1   | 0.833   | 0.03  |
| ·   | 1008 (PM)  | 6   | 0.595   | 0.18  |
| 69. Nanotoxicology  | 730 (WoS)  | 1   | 0.136   | 0.10  |
| 5,  | 662 (PM)   | 1   | 0.151   | 0.10  |
| 70. Neurotoxicology   | 4380 (WoS)   | 14  | 0.319   | 0.36  |
| 5,  | 3538 (PM)  | 12  | 0.339   | 0.31  |
| 71. Neurotoxicology and Teratology                            | 2982 (WoS)   | 12  | 0.402   | 0.40  |
| 5,5,  | 2177 (PM)  | 12  | 0.597   | 0.43  |
| 72. Particle and Fibre Toxicology                             | 433 (WoS)  | 0   | 0   | 0   |
| 57  | 473 (PM)   | 0   |   |   |
| 73. Regulatory Toxicology and Pharmacology                    | 3326 (WoS)   | 10  | 0.300   | 0.27  |
|   | 3419 (PM)  | 12  | 0.350   | 0.33  |

#### Appendix 2. Cont.

| Name of the Journal                           | Total number of<br>publications<br>indexed in Web<br>of Science (WoS)/<br>Pubmed (PM) | Number of<br>Turkey-based<br>publications<br>indexed in Web<br>of Science (WoS)/<br>Pubmed (PM) | Acceptance rate<br>of Turkey-based<br>publications in<br>Web of Science<br>(WoS)/Pubmed (PM) | Average annual<br>publication rate<br>of Turkey-based<br>articles |
|---|---|---|--|---|
| 74 Poproductivo Toxicology                    | 2707 (M/oS)   | 19  | 0.650  | 0.60  |
| 77. heproductive toxicology                   | 2797 (W03)<br>2829 (PM)   | 17  | 0.636  | 0.56  |
| 75 Reviews of Environmental Contamination     | 556 (WoS)   | 3   | 0.530  | 0.50  |
| and Toxicology                                | 510 (PM)  | 5   | 0.980  | 0.166   |
| 76 Sar and Osar In Environmental Research     | 823 (WoS)   | 17  | 2.06   | 0.70  |
|   | 877 (PM)  | 18  | 2.00   | 0.75  |
| 77. Therapeutic Drug Monitoring               | 5499 (WoS)  | 15  | 0.272  | 0 39  |
|   | 3995 (PM)   | 6   | 0.150  | 0.157   |
| 78. Toxicologic Pathology                     | 3380 (WoS)  | 12  | 0.155  | 0.307   |
|   | 3188 (PM)   | 8   | 0.250  | 0.205   |
| 79. Toxicological and Environmental Chemistry | 1876 (WoS)  | 55  | 2 931  | 1 52  |
|   | Taranmiyor  | _   | 0  | 0   |
| 80. Toxicological Sciences                    | 7319 (WoS)  | 2   | 0.027  | 0.10  |
|   | 5312 (PM)   | 2   | 0.037  | 0.10  |
| 81. Toxicology                                | 9172 (WoS)  | 68  | 0.741  | 1.54  |
|   | 7677 (PM)   | 50  | 0.651  | 1.13  |
| 82. Toxicology and Applied Pharmacology       | 10.831 (WoS)  | 38  | 0.350  | 0.65  |
|   | 13251 (PM)  | 10  | 0.075  | 0.172   |
| 83. Toxicology and Industrial Health          | 2062 (WoS)  | 360   | 17.45  | 11.25   |
|   | 2141 (PM)   | 323   | 15.08  | 10.09   |
| 84. Toxicology In Vitro                       | 4420 (WoS)  | 20  | 0.452  | 0.66  |
|   | 4467 (PM)   | 17  | 0.380  | 0.566   |
| 85. Toxicology Letters                        | 17.847 (WoS)  | 450   | 0.252  | 15  |
|   | 8590 (PM)   | 30  | 0.349  | 0.75  |
| 86. Toxicology Mechanisms and Methods         | 631 (WoS)   | 19  | 3.011  | 1.26  |
|   | 1087 (PM)   | 42  | 3.863  | 2.8   |
| 87. Toxicology Research                       | 453 (WoS)   | 8   | 0.370  | 1.60  |
|   | 24 (PM)   | 0   |  |   |
| 88. Toxicon                                   | 8332 (WoS)  | 18  | 0.216  | 0.327   |
|   | 8015 (PM)   | 19  | 0.237  | 0.345   |
| 89. Toxin Reviews                             | 240 (WoS)   | 10  | 4.166  | 0.8330  |
|   | Not scanned   | 0   | 0  | 0   |
| 90. Toxins                                    | 1493 (WoS)  | 4   | 0.267  | 0.50  |
|   | 1545 (PM)   | 2   | 0.129  | 0.25  |
| 91. World Mycotoxin Journal                   | 464 (WoS)   | 7   | 1.508  | 0.777   |
| -   | Not scanned   | 0   | 0  | 0   |
| 92. Xenobiotic                                | 3961 (WoS)  | 7   | 0.176  | 0.152   |
|   | 4650 (PM)   | 6   | 0.129  | 0.130   |