

JOURNAL OF  
SCIENTIFIC  
PERSPECTIVES

J S P

## ABOUT THE JOURNAL

*Journal of Scientific Perspectives (JSP)* is a **scholarly** and **international peer-reviewed journal**. It is published quarterly in *January, April, July* and *October*, in the fields of **basic sciences, engineering, natural sciences** and **health sciences**. All articles submitted for publication are evaluated by the editor-in-chief, field editor, editorial board and referees. The original research papers, technical notes, letter to the editor, debates, case presentations and reviews, only in *English*, are published in the journal. Thus, it aims to bring together the views and studies of academicians, researchers and professionals working in the fields mentioned above.

*Journal of Scientific Perspectives* is an *open access electronic journal*. All articles published in the journal, are assigned the *DOI number*. Article submission and follow-up process are carried out by the manuscript submission system.

**OWNER**

**RATING ACADEMY**

Ar-Ge Yazılım Yayıncılık Eğitim Danışmanlık ve Organizasyon Ticaret Limited Şirketi

**EDITORS**

**Assoc. Prof. Dr. Özlem YAYINTAŞ**

Çanakkale Onsekiz Mart University, Çanakkale/TURKEY  
(Chief Editor)

**Prof. Dr. Emin Uğur ULUGERGERLİ**

Canakkale Onsekiz Mart University, Canakkale, Turkey  
(Co-Editor)

**SECTION EDITORS**

**Basic Sciences and Engineering**

**Prof. Dr. Ayhan ESİ**

Adiyaman University, Adiyaman/TURKEY

**Health Science**

**Prof.Dr. Gülbu TANRIVERDİ**

Çanakkale Onsekiz Mart University, Çanakkale/TURKEY

**Natural Sciences**

**Prof. Dr. Levent ŞIK**

Celal Bayar University, Manisa/TURKEY

**MANAGING EDITOR & WEB EDITOR**

**Cumali YAŞAR**

Çanakkale Onsekiz Mart University, Turkey

**CONTACT**

Sarıcaeli Köyü ÇOMÜ Sarıcaeli Yerleşkesi No: 119, Çanakkale / TÜRKİYE

**E-mail: [jsp@ratingacademy.com.tr](mailto:jsp@ratingacademy.com.tr)**

**Web: <https://journals.gen.tr/jsp>**

## EDITORIAL BOARD

**Prof.Dr. Trajče STAFILOV**, Institute of Chemistry Faculty of Science Ss. Cyril and Methodius University, PO Box 162, 1001 Skopje, Republic of Macedonia, Macedonia, the former Yugoslav Republic of

**Prof.Dr. Alireza HEIDARI**, Director of the BioSpectroscopy Core Research Laboratory at Faculty of Chemistry, California South University (CSU), Irvine, California, USA & President of American International Standards Institute (AISI) Irvine, California, USA, United States

**Prof.Dr. S. A. MOHIUDDINE**, Department of Mathematics, King Abdulaziz University, Jeddah, Saudi Arabia

**Prof. Dr. Khaldia Inayat NOOR**, Comsats Institute Information Technology, Pakistan

**Prof. Dr. Muhammad Aslam NOOR**, Comsats Institute Information Technology, Pakistan

**Prof. Dr. Adem KILICMAN**, University Putra Malaysia, Dept.of Mathematics, Malaysia

**Prof.Dr. Vakeel A. KHAN**, Aligarh Muslim University, Dept.of Mathematics, India

**Prof. Dr. Necati MENEK**, Ondokuz Mayıs University, Faculty of Science and Arts, Department of Chemistry, Samsun, Turkey

**Prof. Dr. Vesna P. Stankov JOVANOVIĆ**, Nis University, Faculty of Sciences and Mathematics, Department of Chemistry, Nis, Serbia

**Prof. Dr. William R. BUCK**, Institute of Systematic Botany New York Botanical Garden Bronx, NY, United States

**Prof. Dr. Galin Yordanov IVANOV**, University of Food Technologies, Department of Food Preservation and Refrigeration, Plovdiv, Bulgaria

**Prof. Dr. Bipan HAZARIKA**, Rajiv Gandhi University, Department of Mathematics, India

**Prof. Dr. Binod Chandra TRIPATHY**, Tripura University, Department of Mathematics, India

**Prof. Dr. Sławomira SKRZYPEK**, University of Lodz (Poland), Faculty of Chemistry, Łódź, Poland

**Prof. Dr. Agnieszka NOSAL-WIERCIŃSKA**, University of Maria Curie-Skłodowska, Faculty of Chemistry, Department of Analytical Chemistry and Instrumental Analysis, Maria Curie-Skłodowska, Poland

**Prof. Dr. Umur ÖNAL**, Çanakkale Onsekiz Mart University, Faculty of Marine Sciences and Technology, Department of Aquaculture, Çanakkale, Turkey

**Prof. Dr. Selehattin YILMAZ**, Canakkale, Turkey, Canakkale Onsekiz Mart University, Faculty of Sciences and Arts, Department of Chemistry, Turkey

**Prof. Dr. Özlem SÖĞÜT**, Ege University, Faculty of Pharmacy, Department of Analytical Chemistry, Turkey

**Prof. Dr. Neşet AYDIN**, Çanakkale Onsekiz Mart University Faculty of Sciences and Arts, Department of Mathematics, Turkey

**Prof. Dr. Gülnur EMİNGİL**, Ege University, School of Dentistry, Department of Peridontology, Turkey

**Assoc. Prof. Dr. Halil Fatih AŞGÜN**, Çanakkale Onsekiz Mart University, Medicine Faculty, Surgery Department, Turkey

**Assoc. Prof. Dr. Bahadır KIRILMAZ**, Çanakkale Onsekiz Mart University, Medicine Faculty, Cardiology Department, Turkey

**Assoc. Prof. Dr. Pınar ERKEKOĞLU**, Hacettepe University, Faculty of Pharmacy, Turkey

**Assist. Prof. Dr. Nuri SOLAK**, Istanbul Technical University, Faculty of Chemical and Metallurgical Engineering, Department of Metallurgical and Materials Engineering, Turkey

**Assist. Prof. Dr. Sibel MENTEŞE**, Çanakkale Onsekiz Mart University, Faculty of Engineering, Department of Environmental Engineering, Turkey

**Assist. Prof. Dr. Deniz ŞANLIYÜKSEL YÜCEL**, Çanakkale Onsekiz Mart University, Faculty of Engineering, Department of Mining Engineering, Turkey

**Assist. Prof. Dr. Bharat POKHAREL**, Collage of Agriculture, Human and Natural Science, Department of Agricultural and Environmental Science, Tennessee State University, United States

**Dr. Med. Serdar ÖZGÜÇ**, İzmir Tabip Odası, Phytotherapy and Homeopathy, İzmir, Turkey

**Dr. Prof. Dr. Malgorzata WISNIEWSKA**, University of Maria Curie-Sklodowska, Faculty of Chemistry, Department of Radiochemistry and Colloid Chemistry, Lublin, Poland

## THE REFEREES IN THIS ISSUE

*Prof. Dr. Ali BİLİCİ, Çanakkale Onsekiz Mart University, TURKEY*

*Prof. Dr. Cüneyt AKI, Çanakkale Onsekiz Mart University, TURKEY*

*Prof. Dr. Gülbin GÜRDAL DÜNDAR, Çanakkale Onsekiz Mart University, TURKEY*

*Assoc. Prof. Dr. Gül KUŞAKSIZ, Bursa Uludağ University, TURKEY*

*Assoc. Prof. Dr. Nurşen ÇÖRDÜK, Çanakkale Onsekiz Mart University, TURKEY*

*Assoc. Prof. Dr. Özer YILMAZ, Bursa Uludağ University, TURKEY*

*Assist. Prof. Dr. Aylin ER, Balıkesir University, TURKEY*

*Assist. Prof. Dr. Ayten ÇALIK, Çanakkale Onsekiz Mart University, TURKEY*

*Assist. Prof. Dr. Neslihan DEMİR, Çanakkale Onsekiz Mart University, TURKEY*

*Assist. Prof. Dr. Oruc Numan GOKCE, Çanakkale Onsekiz Mart University, TURKEY*

*Assist. Prof. Dr. Sema BAĞDAT, Balıkesir University, TURKEY*

*Dr. Amir SAMIMI, Islamic Azad University, IRAN*

*Dr. Mina JAFARI, Calgary University, CANADA*

## THE AIM AND SCOPE OF THE JOURNAL

*Journal of Scientific Perspectives* provides open access to its content, embracing the principle of increasing the global sharing of information on free scientific research. This journal is a material in which academic studies are included and so, it provides a social service for the benefit of institutions and individuals engaged in scientific research as. In this context, it is aimed at providing readers with a common platform to share and improve the quality of recent research advancements in the fields of **basic sciences, engineering, natural and health sciences**. Thus, It is aimed at promoting research worldwide and publishes basic and advanced research work from the fields above.

The journal accepts only original works of quality which are products of a new solution approach or give a new view of an existing knowledge. In this context, it is open to any kind of constructive, creative and institutionalized knowledge providing that they contribute to universal science and technology. Thus, it is aimed to index the journal with various international indexes.

The study fields covered by the journal are

### Basic Sciences and Engineering

- ❖ Chemical Engineering
- ❖ Computer Engineering and Informatics
- ❖ Constructional Engineering
- ❖ Environmental Engineering
- ❖ Electrical and Electronic Engineering
- ❖ Food Engineering
- ❖ Geology Engineering
- ❖ Industrial Engineering
- ❖ Mechanical Engineering
- ❖ Mining Engineering
- ❖ Physical Engineering
- ❖ Textile Engineering
- ❖ Other Engineering Fields
- ❖ Chemistry
- ❖ Physics
- ❖ Mathematics
- ❖ Statistics
- ❖ Materials Sciences  
(Material and Metallurgy Engineering, Topographical Engineering etc.)
- ❖ Space Sciences
- ❖ Earth Sciences
- ❖ Architecture
- ❖ Urban and Regional Planning
- ❖ Astronomy and Astrophysics

### **Health Sciences**

- ❖ Medical Sciences (Surgery, International Medicine, Basic Medical Sciences)
- ❖ Dentistry
- ❖ Pharmacology and Pharmaceutics
- ❖ Nursing
- ❖ Nutrition and Dietary
- ❖ Veterinary Medicine

### **Natural Sciences**

- ❖ Biology
- ❖ Environmental Sciences
- ❖ Food Science and Technology
- ❖ Animal Husbandary
- ❖ Forestry
- ❖ Marine, Aquatic Sciences and Fisheries
- ❖ Agricultural Science

There are no limits to the fields in which the study will be accepted to the journal. The journal is open to all works aimed at contributing to the national and international developments of the professional organizations and individuals who follow the developments in the field of health, science and engineering and to create a resource in these fields.

## PUBLICATION POLICIES

1. *Journal of Scientific Perspectives* has begun publication in July 2017. It is an internationally peer-reviewed and periodical journal published regularly in four issues per year in **January, April, July and October**, in the fields of **basic sciences, engineering, natural sciences and health sciences**. All articles submitted for publication are evaluated by the editor in chief, field editor, editorial board and referees.
2. Journal only accepts the studies written in **English**. Original research papers, technical notes, letters to the editor, discussions, case reports and compilations are published in our journal.
3. Only the original scientific researches are included. It is essential that the information created in scientific study needs to be new, suggest new method or give a new dimension to an existing information
4. Journal of Scientific Perspectives is an **open access electronic journal**. All articles published in the journal are assigned the **DOI number**. Researchers worldwide will have full access to all the articles published online and can download them with zero subscription fees. In addition, because of the influence of your research, you will quickly become an Open Access (OA) author, because an OA article has more chances to be used and the plods through the subscription barriers of traditional publishing models.
5. The editor-in-chief and the relevant field editor have the authority not to publish the articles, to make regulations based on the format or to give back to the author for correction that do not comply with the conditions of publication within the knowledge of the editorial board. All studies submitted to *Journal of Scientific Perspectives* are sent to at least **two referees** after the initial review of the editor in chief, relevant field editor and editors related to the study issue with respect to formatting and content. After having positive feedbacks from both of the referees, the manuscripts are published. In case of having one positive and one negative feedback from the referees, the manuscript is sent to **a third referee**. Identities of authors are kept in the posts to be sent to the referees (Double-blind peer review). In addition, the authors are not informed about the referee
6. It is general essential that studies which aren't seemed enough need to be changed in accordance with suggests of referees. Studies which aren't reached intended level or aren't seemed enough in terms of scientific are refused with unexplained reason. The works are published with the condition to be taken in order
7. The referee process is carried out by the **editor in chief**. A study that the chief editor does not find suitable or does not accept is not included in the journal. In this regard, authors can not create a liability for the journal and other boards of the journal.



8. After the field editor has been appointed by the editor in chief, **7 days** are given to him/her for the appointment of the referee. While he/she appoints the referees, he takes the views of the other editors related to the study issue. The studies sent to the referees for evaluation are expected to be answered within **30 days**. In case this is overcome, the editor makes a new referee appointment and withdraws the request from the former referee.
9. Required changes must be made by the author within **15 days** after the decision of "Correction required" given in article acceptance decision.
10. The studies submitted for publication in the journal must have not been published elsewhere or have not been sent another journal to be published. The studies or their summaries which were presented in a conference or published can be accepted if it is indicated in the study. In addition, if the work is supported by an institution or is produced from a dissertation, this should be indicated by a footnote to the title of the work. Those who want to withdraw their publications for publication for some reason must apply to the journal management with a letter. The editorial board assumes that the article owners agree to abide by these terms.
11. All responsibility of the studies belong to the authors. Studies should be prepared in accordance with international scientific ethics rules. Where necessary, a copy of the ethics committee report must be added.
12. The articles submitted to the *Journal of Scientific Perspectives* are sent to the referees after they have been checked with the "iThenticate" plagiarism scanning program to see if they are partially or completely copied (plagiarism) from another study. Regulation is demanded from the author for the articles which are high in the plagiarism result (30% and over). If the required regulation is not made within **60 days**, the study is rejected.
13. Copyright of all published studies belongs to the *Journal of Scientific Perspectives*.
14. **No copyright payment** is made.
15. For the studies accepted for publication in our journal, copyright transfer form signed must be added to the system or mail to
16. No study has differentiation or superiority from another study. Each author and study has the same rights and equality. No privileges are recognized.
17. Studies submitted for publication in our journal must be prepared according to the rules of spelling of journal. Spelling and template are included in are included in the "Author Guidelines" heading
18. Articles submitted for evaluation must not exceed 25 pages after they are prepared according to the specified template. Article summary should not exceed 300 words and minimum 3 and maximum 7 keywords should be written.

## ETHICAL GUIDELINES

*Journal of Scientific Perspectives (JSP)* is committed to meeting and upholding standards of ethical behaviour at all stages of the publication process. It strictly follows the general ethical guidelines provided by the Committee on Publication Ethics (COPE) and the Open Access Scholarly Publishers Association (OASPA). Depending on these principles and general publication requirements, editors, peer reviewers, and authors must take the following responsibilities in accordance to professional ethic and norms. The proper and ethical process of publishing is dependent on fulfilling these responsibilities.

### 1. The Responsibilities of Editors

#### 1.1. The General Responsibilities

- Editors should be accountable for everything published in their journals.
- The editor should make the efforts to improve the quality of and contribute to the development of the journal.
- The editor should support authors' freedom of expression.

#### 1.2. Relations with Readers

- Readers should be informed about who has funded research or other scholarly work and whether the funders had any role in the research and its publication and, if so, what this was.
- The editor should ensure that the non-peer-reviewed sections of the journal (letters, essays, announcements of conferences etc.) are clearly identified.
- The editor should make efforts to ensure that the articles published align with the knowledge and skills of the readers.

#### 1.3. Relations with Reviewers

- The editor should match the knowledge and expertise of the reviewers with the manuscripts submitted to them to be reviewed ensuring that the manuscripts are adequately reviewed by qualified reviewers.
- The editor should require reviewers to disclose any potential competing interests before agreeing to review a submission.
- The editor should provide necessary information about the review process to the reviewers about what is expected of them.
- The editor must ensure that the review process is double blind and never reveal the identities of the authors to the reviewers or vice versa.
- The editor encourage reviewers to evaluate manuscripts in an objective, scientific and objective language.

- The editor should develop a database of suitable reviewers and update it on the basis of reviewer performance and timing
- In the reviewer database; It should be attentive to scientists who evaluate the manuscripts objectively, perform the review process on time, evaluate the manuscript with constructive criticism and act in accordance with ethical rules.

#### **1.4. Relations with Authors**

- The editor should provide clear publication guidelines and an author guidelines of what is expected of them to the authors and continuously review the guidelines and templates.
- The editor should review the manuscript submitted in terms of guidelines of the journal, importance of the study, and originality and if the decision to reject the manuscript is made editor should explain it to the authors with clear and unbiased way. If the decision is made that the manuscript should be revised by the authors in terms of written language, punctuation, and/or rules in the guidelines (spacing, proper referencing, etc.) the authors should be notified and given time to do the corrections accordingly.
- The authors should be provided with necessary information about the process of their review (at which stage is the manuscript at etc.) complying with the rules of double blind review.
- In the case of an editor change, the new editor should not change a decision taken by the previous editor unless it is an important situation.

#### **1.5. Relations with Editorial Board Members**

- Editor should provide publication policies and guidelines to the editorial board members and explain what is expected of them.
- Editor should ensure that the editorial board members have the recently updated publication guidelines and policies.
- Editor should review the editorial board members and include members who can actively contribute to the journal's development.
- Editorial board members should be informed about their roles and responsibilities such as
  - Supporting development of the journal
  - Accepting to write reviews in their expertise when asked
  - Reviewing publication guidelines and improving them consistently
  - Taking responsibility in journal's operation

#### **2. The Ethical Responsibilities of Reviewers**

- The reviewers must only agree to review manuscripts which align with their expertise.
- The reviewers must make the evaluation in neutrality and confidentiality. In accordance with this principle, they should destroy the manuscripts they examine after the evaluation process, but use them only after they are published. Nationality, gender, religious belief, political belief and commercial concerns should not disrupt the neutrality of the assessment.

- The reviewers must only review manuscripts which they do not have any conflict of interests. If they notice any conflict of interest they should inform the editor about it and decline to be a reviewer to the related manuscript.
- Reviewers must include the Manuscript Evaluation Form for the manuscripts they evaluate without indicating their names to protect the blind review process. And they should include their final decision about the manuscript whether or not it should be published and why.
- The suggestions and tone of the reviews should be polite, courteous and scientific. The reviewers should avoid including hostile, disrespectful, and subjective personal comments. When these comments are detected they could be reviewed and returned to the reviewer to be revised by the editor or editorial board.
- The reviewers should respond in time when a manuscript is submitted to them to be reviewed and they should adhere to the ethical responsibilities declared hereby.

### **3.The Ethical Responsibilities of Author(s)**

- Submitted manuscripts should be original works in accordance with the specified fields of study.
- Manuscripts sent for publication should not contradict scientific publication ethics (plagiarism, counterfeiting, distortion, republishing, slicing, unfair authorship, not to mention the supporting organization).
- The potential conflicts of interest of the author(s) should be stated and the reason should be explained
- The bibliography list is complete and should be prepared correctly and the cited sources must be specified.
- The names of the people who did not contribute to the manuscript should not be indicated as an authors, they should not be suggested to change the authors order, remove the author, or add an author for a manuscript that is submitted for publication. Nevertheless, they should identify individuals who have a significant share in their work as co-authors. A study cannot be published without the consent of all its authors.
- Author(s) are obliged to transmit the raw data of the manuscript to the editor upon request of journal editors.
- The author(s) should contact the editor to provide information, correction or withdrawal when they notice the error regarding the manuscript in the evaluation and early view phase or published electronically.
- Author (s) must not send manuscripts submitted for publication to another journal at the same time. Articles published in another journal cannot be resubmitted to be published in the Journal of Scientific Perspectives (JSP).
- In a manuscript that has reached the publication stage, the authors should fill in the "Copyright Transfer Form" and forward it to the editor.

#### **4.The Ethical Responsibilities of Publisher**

- The publisher acknowledges that the decision making process and the review process are the responsibility of the editor of Journal of Scientific Perspectives (JSP)
- The publisher is responsible for protecting the property and copyright of each published article and keeping a record of every published copy.
- The publisher is obliged to provide free access to all articles of the journal in electronic environment.

#### **Plagiarism and unethical behavior**

All manuscripts submitted to Journal of Scientific Perspectives (JSP) are reviewed through [iThenticate](#) software before publishing. The maximum similarity rate accepted is **30%**. Manuscripts which exceed these limits are analyzed in detail and if deemed necessary returned to the authors for revision or correction, if not they could be rejected to be published if any plagiarism or unethical behavior is detected.

Following are some of the behaviors which are accepted as unethical:

- Indicating individuals who have not intellectually contributed to the manuscripts as authors.
- Not indicating individuals who have intellectually contributed to the manuscripts as authors.
- Not indicating that a manuscript was produced from author's graduate thesis/dissertation or that the manuscript included was produced from a project's data.
- Salami slicing, producing more than one article from a single study.
- Not declaring conflicting interests or relations in the manuscripts submitted.
- Unveiling double blind process.

## AUTHOR GUIDELINES

### INSTRUCTION FOR AUTHORS

The authors are cordially invited to submit significant new findings of their research work papers in word and pdf formats to the journal office via online submission or e-mail: [jsp@ratingacademy.com.tr](mailto:jsp@ratingacademy.com.tr) along with a JSP cover letter. The journal will cover the topics related to the fields of **basic sciences, engineering, natural sciences and health sciences**. All articles submitted for publication are evaluated by the editor-in-chief, field editor, editorial board and referees. The original research papers, technical notes, letter to the editor, debates, case presentations and reviews only in *English* are published in the journal.

The editorial board of JSP welcomes original novel contributions and reviews in word format. By submission of a manuscript an author certifies that the work is original and is not being considered simultaneously by other journals. All articles are subjected to critical reviews by referees.

### Cover Letter

The cover letter should be prepared and sent to the Editor-in-Chief via e-mail.

### Software and Format

- ❖ Regular paper should describe new and carefully confirmed findings, and experimental procedures should be given in sufficient detail for others to verify the work. The length of a full paper should be the minimum required to describe and interpret the work clearly. The total length of any manuscript submitted must not exceed **25 pages**.
- ❖ Papers should be written in clear, concise language (*English*).
- ❖ Manuscripts should be prepared in English using a word processor. MS Word for Windows and docfiles are preferred. Manuscripts may be prepared with other software provided that the full document (with figures, schemes and tables inserted into the text) is exported to a MS Word format for submission.
- ❖ Do not use desktop publishing software such as Aldus PageMaker or Quark XPress. If you have prepared your manuscript with one of these programs, export the text to a word processing format.
- ❖ Times New Roman font is preferred. The font size should be 12 PT.
- ❖ The first line of the paragraph should be shifted by 1,25 cm from the left margin. Paragraph spacing after a single paragraph (6 nk) should be given.
- ❖ Papers should be single spaced with ample margin. The page setup is A4 size.
- ❖ The manuscript, which does not show the names of the authors, must include the followings: Title, Abstract, Keywords under the abstract, introduction, main text, conclusion, references and appendix.
- ❖ No footer, header or page numbers required.
- ❖ Name each file with your last name of the first author.

**1. Title of the paper:** The title must be concise and informative and should not exceed the 60 characters (12-15 words) including spaces (with key words appropriate for retrieval purposes) and provide peer readers with a quick overview of the paper contents. Avoid abbreviations and formulae where possible.

Title of the paper set in the midst, should be written in bold, in Times New Roman 12 font size and 1,5 spaced.

Headings and subheadings must be numbered 2., 2.1., 2.1.1. as etc decimally with bold letters. All headings should be written in bold but only the first letters of the subtitles should be capital. Spacing before and after a heading (6 nk) should be given.

**2. Name of the author(s)** with titles and the name and address of the institution where the work was done must be given. Provide, also, with the e-mail address of first and/or the corresponding author so that an immediate communication with the editor is possible. But these are not shown on the manuscript. They must be registered to the system while uploading the manuscript and indicated in the cover letter.

**3. Abstracts and Key Words:** All papers must have an abstract not more than 300 words of clear, informative and giving significant objectives, methodology, results and conclusion in the paper. Between **3** and **6** key words must be provided for the purpose of indexing and information retrieval. Abstract and key words must be written in Times New Roman 11 font size and single spaced. It also should be in *italic letters*. Presentation of numerical results should be avoided as far as possible in the abstract.

**4. Text:** The paper must be divided into sections and subheadings starting preferably with Introduction and ending with Conclusion followed by Acknowledgement.

**5. Tables:** Tables should be single spaced. The tables should be kept to a minimum and be designed to be as simple as possible. Tables are to be typed single-spaced throughout, including headings and footnotes. Each table should be numbered consecutively in Arabic numerals and supplied with a heading and a legend. The title should be placed at the top. Explanatory information and experimental conditions should be given as a note at the bottom. Explanatory information and experimental conditions should be given as a note at the bottom of the columns. Tables should be self-explanatory without reference to the text. The same data should not be presented in both table and graph form or repeated in the text.

The headlines of the tables must be written in Times New Roman 12 font and with bold letters. References for the tables (figure or graph) must be below the table (figure or graph) with a font size of 11 font.

**6. Figure:** Illustrations must be numbered consecutively in Arabic numerals. They should be cited in the text as Figure 1, Figure 2, and so on. Begin each legend with a title at the bottom of the illustration and include sufficient description so that the figure is understandable without reading the text of the manuscript. Graphics should be prepared using applications capable of generating high resolution (300 dpi) JPEG before pasting in the Microsoft Word manuscript file.

The headlines of the figures must be written in Times New Roman 12 font and with bond letters. References for the tables (figure of graph) must be below the table (figure or graph) with a font size of 11 font.

**7.Citations:** All papers cited in the text, tables, and figures must be included in the references and all papers cited the references section should be cited in the text. Authors should monitor references at all phases of manuscript preparation. References in the text should be cited by author and year. Single author: Clark (2004) or (Clark, 2004). Two authors: Gupta and Clark (2015) or (Gupta and Clark, 2012). More than two authors: Gupta *et al.* (2015) or (Gupta *et al.*, 2015). In the event that an author cited has had two or more works published during the same year, the reference, both in the text and in the reference list, should be identified by a lower case letter like a and b after the date to distinguish the works.

**8.References:** References should be listed at the end of the paper in alphabetical order. Articles in preparation or articles submitted for publication, unpublished observations, personal communications, etc. should not be included in the reference list. Journal names are abbreviated according to Biological Abstracts and correctly format the references of your paper. Authors are fully responsible for the accuracy of the references. All the references must be in the following order.

***Books:***

SURNAME, NAME, Publication Year, *Name of Book*, Publishing, Place of Publication, ISBN.

MERCER, P.A. and SMITH, G., 1993, *Private Viewdata in the UK*, 2

***Journals:***

SURNAME, NAME, Publication Year, Name of Article, *Name of Journal*, Volume Number and Page Numbers.

EVANS, W.A., 1994, Approaches to Intelligent Information Retrieval, *Information Processing and Management*, 7 (2), 147-168.

***Conferences:***

SURNAME, NAME, Publication Year, Name of Report, *Name of Conference Bulletin*, Date and Conference Place, Place of Publication: Publishing, Page Numbers

SILVER, K., 1991, Electronic Mail: The New Way to Communicate, *9th International Online Information Meeting*, 3-5 December 1990, London, Oxford: Learned Information, 323-330.



**Thesis:**

SURNAME, NAME , Publication Year, Name of Thesis, Master's Degree/Doctorate, Name of Institute

AGUTTER, A.J., 1995, The Linguistic Significance of Current British Slang, Thesis (PhD), Edinburgh University.

**Maps:**

SURNAME, NAME , Publication Year, Title, Scale, Place of Publication: Publishing.

MASON, James, 1832, Map of The Countries Lying Between Spain and India, 1:8.000.000, London: Ordnance Survey.

**Web Pages:**

SURNAME, NAME, Year, Title [online], (Edition), Place of Publication , Web address: URL

HOLLAND, M., 2002, Guide to Citing Internet Sources [online], Poole, Bournemouth University, [http://www.bournemouth.ac.uk/library/using/guide\\_to\\_citing\\_internet\\_sourc.html](http://www.bournemouth.ac.uk/library/using/guide_to_citing_internet_sourc.html), [ Date Accessed: 4 November 2002].

**Identification:** It is particularly important that the authors get their biological material authentically identified and quote at least once, on its first citation in the paper, the technical name of the species concerned in full preceded by its popular name where possible, e.g. The water bug *Sphaerodema rusticum* (Fabr). Genus and species names should be italic.

**Footnotes:** Footnotes should be avoided as far as possible. Essential footnotes may, however, be indicated by superscribed reference marks (\*, †, ‡, ).

**Statement of human and animal rights**

When reporting experiments on human subjects, authors should indicate whether the procedures followed were in accordance with the ethical standards of the responsible committee on human experimentation (institutional and national) and with the Helsinki Declaration of 1975 (revised in 2000). If doubt exists whether the research was conducted in accordance with the Helsinki Declaration, the authors must explain the rationale for their approach, and demonstrate that the institutional review body explicitly approved the doubtful aspects of the study. When reporting experiments on animals, authors should be asked to indicate whether the institutional and national guide for the care and use of laboratory animals was followed.

**Statement of Informed Consent**

Patients have a right to privacy that should not be infringed without informed consent. Identifying information, including patients names, initials, or hospital numbers, should not be published in written descriptions, photographs, and pedigrees unless the information is essential for scientific purposes and the patient (or parent or guardian)

gives written informed consent for publication. Informed consent for this purpose requires that a patient who is identifiable be shown the manuscript to be published. Authors should identify Individuals who provide writing assistance and disclose the funding source for this assistance.

Identifying details should be omitted if they are not essential. Complete anonymity is difficult to achieve, however, and informed consent should be obtained if there is any doubt. For example, masking the eye region in photographs of patients is inadequate protection of anonymity. If identifying characteristics are altered to protect anonymity, such as in genetic pedigrees, authors should provide assurance that alterations do not distort scientific meaning and editors should so note.

**Submission:** The manuscript should be submitted preferably by our online manuscript submission centre in the following URL: <https://www.ratingacademy.com.tr/jsp/> or as e-mail attachment to the Editorial Office via: [info@ratingacademy.com.tr](mailto:info@ratingacademy.com.tr) . All contacts shall be by e-mail. All the corresponding authors should have an e-mail id. All submissions will be acknowledged within a short time.

#### **Brief checklist for submission.**

1. Have you provided a Cover Letter?
2. Have you provided the informations of the correponding author and the other authors to the system?
3. Have you provided an Abstract of 300 words ?
4. Have you provided Keywords?
5. Are your Tables denoted by Arabic numerals, and are they in order as cited in the text?
6. Are your Figures denoted by Arabic numerals, and are they in order as cited in the text?
7. Are your References cited in the required format of the Journal?
8. Is institutional approval number provided for the mammalian animal used for the experiment?
9. Have you obtained permission and submitted documentation for all Personal Communications cited?

**Technical Notes:** Technical notes are shorter than research articles and may be used to describe a new methodology or to present results from new techniques or equipment. A technical note should not exceed 20 pages with no more than 5 figures and tables. These rules are valid for debates and case presentations.

**Proofs and Reprints:** Electronic proofs will be sent (e-mail attachment) to the corresponding author as a PDF file. Corrections should be restricted to typesetting errors. Authors are advised to check their proofs very carefully before return, since inclusion of late corrections cannot be acceptable Corrected proofs are to be returned to the publishers.

Page proofs are considered to be the final version of the manuscript. The Editorial Board reserves the right to make changes like typographical or minor clerical errors if necessary in the research articles. No changes will be made in the manuscript at the proof stage.

Authors will have free electronic access to the full text (PDF) of the article. Authors can freely download the PDF file from which they can print unlimited copies of their articles.

The Editorial Board reserves the right to make changes if necessary mainly to improve the quality of the paper.

The responsibility of the contents rests upon the authors and not upon the publisher.

Authors are requested to prepare the manuscript according to our journal “Instructions for authors” guidelines.

**Subscription Rates and Terms:** Those who are interested to obtain the electronic copy of the JSP, he/she can download it free of charge.