Owner of the Journal
On behalf of Faculty of Education, Yıldız Technical University
Dr. Mehmet Engin DENİZ, Dean of Faculty of Education, Yıldız Technical University, İstanbul, Türkiye

Founding Editor
Dr. Hasan Basri GÜNĐÜZ, Yıldız Technical University, İstanbul, Türkiye

Editor-in-Chief
Dr. Suzan KAVANOZ, Yıldız Technical University, İstanbul, Türkiye

Co-Editors
Dr. M. Betül YILMAZ, Yıldız Technical University, İstanbul, Türkiye
Dr. Emre ER, Yıldız Technical University, İstanbul, Türkiye

Language Editor
Dr. Selahattin YILMAZ, Yıldız Technical University, İstanbul, Türkiye

Editorial Board
Dr. Adnan Baki, Trabzon University, abaki@trabzon.edu.tr
Dr. Ali Çağatay Kilinc, Karabük University, cagataykilinc@karabuk.edu.tr
Dr. Deanna Lankford, University of Missouri, lankfordd@missouri.edu
Dr. Ece Zehir Topkaya, Çanakkale 18 Mart University, ecetopkaya@comu.edu.tr
Dr. Feza Orhan, Bahçeşehir University, feza.orhan@es.bau.edu.tr
Dr. Hatice Gülrü Yüksel, Yıldız Technical University, hayuksel@yildiz.edu.tr
Dr. Hikmet Yazıcı, Trabzon University, hyazici@trabzon.edu.tr
Dr. Joanna Madalinska-Michalak, University of Warsaw, j.madalinska@uw.edu.pl
Dr. Martha Nyikos, Indiana University, nyikos@indiana.edu
Dr. Mehmet Gürol, Yıldız Technical University, mgurol@yildiz.edu.tr
Dr. Nemira Mačianskienė, Vytautas Magnus University, nemira.macianskiene@vdu.lt
Dr. Mukadder Boydak, Elazığ Fırat University, mbboydak@firat.edu.tr
Dr. Mustafa Özcan, MEF University, ozcanm@mef.edu.tr
Dr. R. Cengiz Akçay, İstanbul Aydın University, recepakcay@aydin.edu.tr
Dr. Şener Büyükoztürk, Hasan Kalyoncu University, sener.buyukozturk@hku.edu.tr
Dr. Yavuz Akbulut, Anadolu University, yavuzakbulut@anadolu.edu.tr
Dr. Yavuz Erişen, Yıldız Technical University, yverisen@yildiz.edu.tr
Dr. Yusuf Cerit, Abant İzzet Baysal University, cent_y@ibu.edu.tr
Dr. Youngkyun Baek, Boise State University, youngkyunbaek@boisestate.edu
Dr. Zekeriya Nartgün, Abant İzzet Baysal University, nartgun_z@ibu.edu.tr
Volume 7 Number 1 Year 2022

Section Editors
- Dr. Ali Fuat Arıcı, Turkish Education, Yildiz Technical University, afaturkey@hotmail.com
- Dr. Aydın Balyer, Educational Administration, Yildiz Technical University, balyer@yildiz.edu.tr
- Dr. Fulya Yüksel Şahin, Psychological Counseling and Guidance, Yildiz Technical University, fusahin@yildiz.edu.tr
- Dr. Hasan Ünal, Mathematics Education, Yildiz Technical University, hunal@yildiz.edu.tr
- Dr. Mehmet Nur Tuğluk, Pre-school Education, Yildiz Technical University, mntugluk@yildiz.edu.tr
- Dr. M. Sami Topçu, Science Education, Yildiz Technical University, mstopcu@yildiz.edu.tr
- Dr. Mustafa Sağdıç, Social Studies Education, Yildiz Technical University, msagdic@yildiz.edu.tr
- Dr. Serhat Bahadır Kert, Computer Education and Instructional Technology, Yildiz Technical University, sbkert@yildiz.edu.tr
- Dr. Sertel Altun, Curriculum and Instruction, Yildiz Technical University, saltin@yildiz.edu.tr
- Dr. Burcu Ünal, Foreign Language Education, Yildiz Technical University, bvarol@yildiz.edu.tr
- Dr. Turan Sağır, Art Education, Yildiz Technical University, tsager@yildiz.edu.tr

Journal Contacts
- Editor-in-Chief: Suzan KAVANOZ, Yildiz Technical University, İstanbul, Türkiye, skavanoz@yildiz.edu.tr
- Owner on behalf of the Yildiz Technical University: Dr. Mehmet Engin DENİZ
- Journal Description: The journal is supported by Yildiz Technical University officially, and is a blind peer-reviewed free open-access journal, published two times a year.
- Publisher: Yildiz Technical University - YTU Press
- Language of Publication: English
- Frequency: Two issues
- Publication Type: Online e-version
- Press Date: June 2022
About Us

YILDIZ Journal of Educational Research (YJER) is an international, open-access, peer-reviewed academic journal publishing research manuscripts in all fields of education.

YJER has a vision of "quality education for all" in the world. YJER publishes both theoretical as well as empirical and methodological contributions to educational research focusing on current developments in all areas of educational sciences, research methodology, and design. YJER prioritizes studies that can offer different approaches to researchers, policy makers, professionals, and practitioners in the field. The journal welcomes submissions from a variety of disciplinary perspectives across all levels of education including early childhood, primary and secondary school education, adult education, vocational education and training, and university education, and alternative education.

YJER is published biannually by the Faculty of Education at Yıldız Technical University, Istanbul, Turkey. All papers submitted for publication are subject to rigorous blind peer-review.

No fees are charged for the publication and submission of the papers.

Aim & Scope

YILDIZ Journal of Educational Research publishes two issues (June and December) per year. New and original articles in all areas of Instructional Technology and Technology Education, Arts Education, Curriculum and Instruction, Educational Administration, Educational Science, Elementary Education, Language Teaching, Mathematics Education, Linguistics, Physical Education, Pre-school Education, Psychological Counseling and Guidance, Science Education, Social Studies Education, Special Education, Educational Statistics, and Turkish Education are considered for publication. The journal encourages qualitative, quantitative, and mixed method approaches to empirical research.

YJER accepts manuscripts in Turkish or English. Submission of an article implies that the work described is original, has not been published previously, and is not considered for publication elsewhere.

The manuscripts published in this journal are archived in DergiPark system

Abstracting and Indexing

YILDIZ Journal of Educational Research is covered by the following abstracting/indexing services:

- Turkish Education Index
- ASOS Index
- Modern Language Association (MLA) Index

Instructions for Authors

The articles to be published in the Journal of Yıldız Educational Research should follow the below guidelines:

1. Manuscripts should be original and written, considering the academic and ethical rules. They should not be previously published or should not be under review elsewhere. Authors should consult APA Manual 6th (http://www.apa.org) while writing the manuscript.
2. Manuscripts can be submitted in Turkish or English. The title of the article should be short and should not exceed 15 words. The abstract should not be more than 250 words. Furthermore, 3 to 5 keywords should be included.
3. The problem of the study should be clearly stated in the Introduction, followed by methods, findings, discussion, and conclusion.
4. Articles should not exceed 7000 words.
5. Format of the articles should be arranged according to YJER template and the template can be downloaded from the link provided below.
**Ethics & Policies**

**Open Access Policy**

Yıldız Journal of Educational Research supports the Budapest Open Access Initiative statement of principles that promotes free access to research literature. The declaration defines open access to academic literature as free availability on the internet, permitting users to read, record, copy, print, search, or link to the full text, examine them for indexing, use them as data for software or other lawful purposes without financial, legal, or technical barriers. Information sharing represents a public good, and is essential to the advancement of science. Therefore, articles published in this journal are available for use by researchers and other readers without permission from the author or the publisher provided that the author and the original source are cited. The articles in Yıldız Journal of Educational Research are accessible through search engines, websites, blogs, and other digital platforms.


**Fee - Charges**

This journal assesses NO submission fees, publication fees (article processing charges), or page charges.

**Creative Commons License**

A Creative Commons license is a public copyright license that enables the free distribution of copyrighted work. Yıldız Journal of Educational Research articles are licensed under the Attribution-NonCommercial 4.0 International (CC BY-NC 4.0) version. The author grants the right to share and use original work with the condition that it be appropriately credited, it may not be used for commercial purposes, and secondary products must also be made available under the same terms of use. Specific details can be found at [https://creativecommons.org/licenses/by-nc/4.0/](https://creativecommons.org/licenses/by-nc/4.0/).

Yıldız Journal of Educational Research is committed to encouraging dissemination of academic work and interdisciplinary cooperation.

**Ethics Policy**

The observance of ethical principles throughout the research and publication process is fundamental to ensuring the integrity of the work and furthering the goal of contributing to and sharing high-quality, objective, reliable, and useful information.
Ethics & Policies

• Changes in authorship designation (such as adding authors, changing the printed order of the authors, removing an author) once the evaluation process has begun will not be accepted in order to protect all parties involved.

Ethical Duties and Responsibilities of the Editors

The editor is responsible for everything published in the journal. In the context of this responsibility, editors have the following duties and obligations:

• Endeavor to meet the needs of readers and authors;
• Maintain continuous development to improve the journal;
• Consistently work to ensure quality and academic integrity. The editor is responsible for confirming that the publishing policies and standards are upheld;
• Support freedom of thought;
• Prevent business needs or other considerations from compromising intellectual and ethical standards, including acting in a balanced, objective, and fair manner in the course of their duties without any discrimination based on gender, religious or political beliefs, ethnic or geographical origin, sponsorship, renown, or other influence;
• Apply the publicly defined publication policies created and enforced to ensure a timely and impartial evaluation process for all submissions;
• Protect intellectual property and to defend the rights of the journal and author(s);
• Demonstrate clarity and transparency. The editor is expected to ensure that any errors, inconsistencies, or misleading statements are corrected quickly and appropriately acknowledged;
• Perform a thorough, timely, and objective investigation of any complaint or allegation of misconduct, including providing the opportunity for the author to present information refuting accusations, and to share the findings and conclusions and implement appropriate action, which may include, but is not limited to rejection of an article.

Reader Relationship

The editor is to make publication decisions based on expectations of suitable and desirable material. Studies accepted for publication must be original contributions that benefit the reader, researcher, practitioner, and the literature. In addition, editors are obliged to take into account feedback from readers, researchers, and practitioners, and to provide an informative response. Readers will also be informed of any funding provided to support published research.

Author Relationship

• The decision to accept an article is to be based on the importance, original value, validity, and clarity of expression of the work, and the goals and objectives of the journal;
• Studies accepted for evaluation and publication will not be withdrawn unless serious problems are identified;
• The editor will not disregard positive reviewer comments unless there is a serious problem with the study;
• New editors will not change publishing decisions made by previous editor(s) unless there is a serious problem;
• A description of the submission and evaluation process is publicly available;
• Authors are provided with descriptive and informative feedback.

Reviewer Relationship

• Reviewers are to be selected according to the subject of the study;
• Information and guidance for the evaluation phase is provided;
• Any conflicts of interest between authors and reviewers will be disclosed and managed appropriately;
• Reviewer identity is to be kept confidential to preserve a blind review process;
• Reviewers are to evaluate the study using unbiased, scientific, and constructive comments. Unkind or unscientific commentary will not be permitted;
• Reviewers will be evaluated using criteria such as timely response and quality of observations;
• The pool of reviewers is to be assessed and supplemented regularly to ensure a broad scope of expertise.

Editorial Board Relationship

The editor works with the members of the editorial board to ensure that they are familiar with journal policies and developments in regular meetings and announcements, and will provide training for new members and assistance to board members during their tenure in their role as a supporter of the journal.

• Editorial board members must be qualified and able to contribute to the journal;
Ethics & Policies

• Members of the editorial board must evaluate studies impartially and independently;
• Editorial board members with the appropriate expertise will be given the opportunity to evaluate suitable articles;
• The editor will maintain regular contact with the editorial board and hold regular meetings regarding the development of editorial policies and other aspects of journal management.

Creativity and Openness

• Constructive criticism is to be encouraged;
• Authors will be given the opportunity to reply to criticism or lodge complaints;
• Negative results will not be a reason for submission denial.

Ethical Responsibilities of the Reviewers

Peer review of research embodies the scientific method, subjecting the work to the exacting scrutiny of knowledgeable colleagues. The rigor of the review process directly affects the quality of the literature; it provides confidence in an objective and independent evaluation of the published work. Yıldız Journal of Educational Research uses a double-blind review process. All comments and the evaluation are transmitted through the journal management system. Reviewers should:
• Only agree to evaluate studies related to their specialty;
• Return reviews promptly and within the designated timeframe;
• Evaluate with impartiality. Nationality, gender, religious beliefs, political beliefs, commercial concerns, or other considerations must not influence the evaluation;
• Refuse to review any work with a potential conflict of interest and inform the journal editor;
• Maintain confidentiality of all information. Destroy manuscripts and related material following the review. Only the final published version may be used for any purpose;
• Report any suspicion of misconduct to the editor;
• Use thoughtful and constructive language intended to improve the quality of the article. Hostile or derogatory comments are not acceptable.

Ethical Responsibilities of the Publisher

The role of the publisher includes stewardship of the scholarly record. As such, the publisher should:
• Abide by ethical principles related to research integrity; the process of application, review, and selection; and publication;
• Collaborate with the editor and the editorial board to maintain and develop the journal in a relationship that recognizes editorial independence and is defined by written agreement;
• Publish content in a timely manner, including corrections, clarifications, and retractions;
• Preserve published work.

The publication processes of the journal are conducted in accordance with the guidelines of International Committee of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), the Council of Science Editors (CSE), the Committee of Publication Ethics (COPE), the European Association of Science Editors (EASE) and National Information Standards Organization (NISO).

Examples of some activities considered to be contrary to scientific research and publication ethics:
• Plagiarism: The representation of the ideas, methods, data, or other work of another, in whole or in part, as one’s own. The original source must be appropriately acknowledged. Authors are encouraged to offer unique work that does not rely on substantial use of other sources, regardless of citation.
• Fraud: The use of fabricated or falsified data or other deceptive misrepresentation of fact.
• Distortion: Manipulation of the research records, data, images, results, or presenting unused devices or materials as if they were used in the research, particularly in the interests of study sponsors.
• Republication: Duplicate submissions presented as unique publications.
• Slicing: The use of a portion of data or findings derived from a single research idea in multiple smaller units as separate publications.
• Inaccurate authorship: The inclusion of individuals as named authors who were not active contributors, the failure to include contributors, or the inappropriate ranking of authors.
• Lack of acknowledgement of individuals, institutions, or organizations that provided financial or other substantial support to the work.
• Use of a thesis or unpublished study without the permission of the owner.
Ethics & Policies

• Failure to comply with ethical rules for human and animal research, including respect for patient rights and animal welfare, or obtaining the required approval.

• The misuse of resources, facilities, or devices provided for scientific research.

• The use of false or misleading statements.

On rare occasions it may be necessary for a journal to impose sanctions on researchers who have engaged in questionable research practices or publishing ethics malpractice: for example, a ban against publishing any further articles in the journal when doing so puts the journal’s reputation demonstrably at risk, or not permitting a researcher to serve as a reviewer or editor. Bans of this nature may be implemented for a period of time and revoked or extended if necessary, upon review at the conclusion of the allotted time period. Sanctions may be appealed by writing to the journal editor.

Plagiarism Policy

Plagiarism is the theft of another’s work and a violation of ethics, regardless of whether it is intentional or not. It is unacceptable conduct to submit or publish manuscripts using other sources without appropriately citing the reference. It is the policy of the Yıldız Journal of Educational Research, to use plagiarism detection software for all submissions and to perform an editorial review when necessary. The editor or the editorial board may request revision or reject a manuscript that does not meet publication standards, including plagiarism, citation or other manipulation, or any fraudulent misrepresentation.

Copyright Transfer

Manuscripts submitted for publication in the Yıldız Journal of Educational Research should be original, unpublished work. Upon submission, the authors are obliged to declare that the study, in whole or in part, has not been previously published or evaluated for publication on any other platform. Sanctions may be applied for failure to observe this policy.

Authors agree to transfer copyright privileges upon submission to the Yıldız Journal of Educational Research. This transfer takes effect upon acceptance for publication. No part of published material may be used for any other purpose without the written permission of the publisher.

Authors should obtain any necessary permission from the copyright holder when using content previously published in printed or electronic format, including pictures, tables, or other elements. The legal, financial, and criminal responsibility resides with the author. Authors must return a completed copyright transfer form upon submission.

Conflict of Interest

The editor is required to ensure that any conflicts of interest between authors, reviewers, or other parties are disclosed and managed appropriately to provide an independent and impartial process.

Any potential perception of a financial or personal interest that may affect decision-making creates a conflict of interest. The presence of a conflict of interest is independent of the occurrence of inappropriateness. The reliability of the scientific process and published articles is directly related to the objective consideration of conflicts of interest during the planning, implementation, writing, evaluation, editing, and publication of scientific studies.

Financial relationships are the most easily identified conflicts of interest, and if undisclosed, they undermine the credibility of the journal, the authors, and the science. However, conflicts can also occur through individual relationships, academic competition, intellectual approach, and more. Authors should refrain as much as possible from any relationship that could restrict their ability to objectively access data or analyze, interpret, prepare, and publish their article. Authors must disclose any relationships related to study submissions.

Editors and peer reviewers should also be aware of potential conflicts of interest and refrain from engaging in any activity that could be questionable and report associations that could be perceived as presenting a conflict.

The publication team works diligently to ensure that the evaluation process is conducted in an impartial manner in order to protect the interests of all parties.

The conflict of interest form and more detailed information are available at: http://www.icmje.org/disclosure-of-interest/
CONTENTS / İÇİNDEKİLER

ORIGINAL ARTICLES

A scale for monitoring students' tendencies to ubiquitous learning environments ................................................1
Öğrencilerin ulaşılabilir öğrenme ortamlarına eğilimlerini gözlemlemek için bir ölçek
D. ERKUL, S. B. KERT

Matematik başarısı ile okuduğunu anlama becerisi arasındaki ilişki: Bir meta-analiz çalışması.........................12
The relationship between mathematics achievement and reading comprehension skill: A meta-analysis study
F. ÖZTOP, V. TOPTAŞ

Expression of manner-of-motion verbs in translated versions of Turkish and English Short Stories:
Implications for second language acquisition ........................................................................................................22
Türkçe ve İngilizce kısa öykülerin çeviri versiyonlarında devinim eylemlerinin ifade edilme biçimleri:
iki dil edinimi için çıkarımlar
P. KARAHAN, S. GÖKÇE

Pedagogical agility in Turkey: Teachers agility in educational change and uncertainty days
based on parents' views ............................................................................................................................................34
Türkiye’de pedagojik çeviklik: Değişim ve belirsizlik günlerinde öğretmen çevikliğine ilişkin veli görüşleri
M. FİDAN

Bağlamsal faktörlerin staj deneyimi ile ilişkisi ........................................................................................................42
The relationship between contextual factors and internship experience
M. ÇEMBERÇİ, P. N. CÖMERT