

T.R.
KIRŐEHİR AHİ EVRAN UNIVERSITY
INSTITUTE OF NATURAL AND APPLIED SCIENCES
JOURNAL OF THE NATURAL AND APPLIED SCIENCES
AUTHOR GUIDE



2023

JOURNAL LONG / TÜRKÇE / ABBREVIATED NAMES

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ARBITRATION

Kırşehir Ahi Evran University Journal of the Natural and Applied Sciences use a double-blind refereeing system with two referees. Referee names are kept confidential and not published.

PURPOSE OF THE JOURNAL

It aims to contribute to science by publishing full-length original research articles and reviews on all fields of Science and Applied Science.

MAGAZINE TOPICS

Physics, Chemistry, Biology, Mathematics, Molecular Biology and Genetics, Horticulture, Occupational Health and Safety, Computer and Instructional Technology Education, Field Crops, Agricultural Biotechnology, Animal Science, Genetics and Bioengineering, Biosystems engineering, Mechanical engineering, Agricultural Economics, Plant Protection , Civil Engineering, Mathematics Education, Physics Education, Chemistry Education, Biology Education, Science Education, Environmental Studies, Sustainability.

WRITING RULES

1. In the Journal of Kırşehir Ahi Evran University Institute of Science, Physics, Chemistry, Biology, Mathematics, Molecular Biology and Genetics, Horticulture, Occupational Health and Safety, Computer and Instructional Technologies Education, Field Crops, Agricultural Biotechnology, Animal Science, Genetics and Bioengineering, Academic studies produced in fields such as Biosystem Engineering, Mechanical Engineering, Agricultural Economics, Plant Protection, Civil Engineering, Mathematics Education, Physics Education, Chemistry Education, Biology Education, Science Education, Environmental Studies, Sustainability are published.
2. Studies prepared in Turkish and English are accepted to the journal. Issues are published in June and December.
3. Submitted articles must be in accordance with the purpose and scope of the journal.
4. Original, unpublished articles that are not in the process of evaluation in another journal and whose content and submission are approved by each author are accepted for evaluation.
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- 6.** Master's and doctoral students, together with their advisors (first author student - second author advisor faculty member), can send their work to the journal.
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- 9.** The article should be prepared using the journal article template in Microsoft Word.
- 10.** Articles that do not use the APA-7 citation method are returned to the author for correction.
- 11.** Articles exceeding the 10,000 word limit are returned to the author to reduce the word count.
- 12.** Submitted articles should contain 100-300 words Turkish abstract, English abstract, 4-6 Turkish and English keywords.
- 13.** All expenses of the journal are covered by the publisher. The publication of articles and the execution of article processes in the journal are free of charge. No processing fee or submission fee is charged for articles submitted to the journal or accepted for publication.
- 14.** After the article is sent to the Journal for publication, the names of any of the authors cannot be deleted from the list of authors without the written consent of all authors, a new name cannot be added as an author, and the order of authors cannot be changed.
- 15.** Studies should be prepared in accordance with the following writing rules of the journal.



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Makale Tarihi:

Geliş tarihi:

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Anahtar Kelimeler:

Anahtar kelime 1

Anahtar kelime 2

Anahtar kelime 3

Anahtar kelime 4

Anahtar kelime 5

Anahtar kelime 6

ÖZET

Bu kısma çalışmanızı özetleyen metni ekleyiniz. Metin, Türkçe yazım kurallarına uygun olarak “Times New Roman” fontunda 10 punto olarak ve tek satır aralıkla yazılmalıdır. Bu kısma eklenecek metin en az yüz (100) en fazla iki yüz elli (250) kelime olmalıdır. Bu kısmın soluna çalışmanızı tanımlayan en az 4 en fazla 6 anahtar kelime sola yaslı olarak eklenmelidir.

The English title of the study should be added with the capital first letter of each word (except for conjunctions) and 10 punto in the font “Ubuntu Medium”.

Research Article/Reviews

Article History:

Received:

Accepted:

Published online:

Keywords:

Keywords 1

Keywords 2

Keywords 3

Keywords 4

Keywords 5

Keywords 6

ABSTRACT

Add the English translation of the summary text you added under Turkish title. Make sure that Turkish and English summaries are the complete translation of each other. The text should be written in 10 Punto in Times New Roman” font in accordance with Turkish spelling rules and in a single line interval. The text to be added to this part should be at least one hundred (100) maximum two hundred and fifty (250) words. At least 4 maximum 6 keywords that define your work to the left of this section should be added to the left.

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Below are some important rules when submitting an English (U.S.) article:

GENERAL WRITTING RULES

The text of the article should be in “Times New Roman” with 11 font size, single-spaced and justified. All articles should be in a single column. One line space should be left between the main and subheadings and the text. There will be no space between main headings and subheadings. Each paragraph in the section should be separated from the previous paragraph with a single line. There should be 2.5 cm margins at the page edges.

The main and subheadings in the text of the article should be numbered and left aligned. All main headings should be written in capital letters. Except for the second headings and conjunctions, the first letter of all words should be capitalized, and the later headings should only be written in capital letters and italics. Main headings should be written in bold letters and subheadings should be written normally. All main and subheadings should be in blue coloring.

CITATION AND REFERENCES IN THE TEXT

After the information is given for citation and reference indication in the text, it should be written in parentheses from whom the information was obtained:

(Ziolkowska et al., 2015; Sahoo and Mahajan, 2016; Reddy, 2017; Anonymous, 2020; FAO, 2021).

Example:

Dermatophytes are divided into three types: animal-loving fungi, soil-loving fungi, and human-loving fungi according to the environment they prefer (Ziolkowska et al., 2015). These fungi include three genera: Microsporum, Trichophyton and Epidermophyton. Infection of these fungal species occurs in the skin and its extensions such as hair and nails (Reddy, 2017).

Skin fungal infection is one of the most common injuries worldwide and is estimated to be 20-25% (Sahoo and Mahajan, 2016).

It has been reported by FAO (Food and Agriculture Organization of the United Nations) that the countries producing the most pepper are Vietnam, Brazil, Indonesia, Burkina Faso and India (FAO, 2021).

The fat percentage determined in this study is appropriate in the Turkish Food Codex Communiqué on raw and heat treated drinking milk (Anonymous, 2000).

Before giving information about citation and reference in the text, only the history of the source should be written in parentheses:

Özrenk and İnci (2008), Ceylan et al. (2013), Enthusiastic (2013)

Example:

Özrenk and İnci (2008) and Ceylan et al. (2013) found the effect of sampling season on pH to be insignificant. Gayretli (2013) reported that milk pH levels are similar for all seasons.

Manuscripts should include the following sections;

Title (short, specific, and informative),

Keywords (indexing terms, up to 6 items),

Abstract (not exceeding 300 words)

1. INTRODUCTION
2. MATERIAL AND METHOD
3. RESULTS AND DISCUSSION
4. CONCLUSION

Acknowledgements (if needed),

Statement of Conflict of Interest

Author's Contributions

References

The Table and Figure should be written in "Times New Roman" font, 10 points, centered.

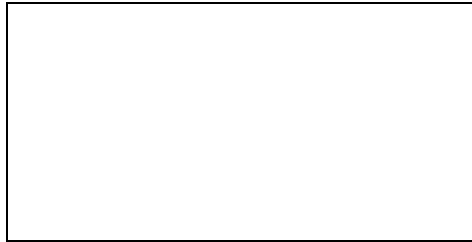


Figure 1. Explanation of the information presented in the figure

Table 1. Explanation of the information presented in the table

Title	Title
Information	Information
Information	Information
Information	Information

Sample:

A. Periodicals

[1] Journal Article References

a. Journal Article

Grady, J. S., Her, M., Moreno, G., Perez, C., & Yelinek, J. (2019). Emotions in storybooks: A comparison of storybooks that represent ethnic and racial groups in the United States. *Psychology of Popular Media Culture*, 8(3), 207–217. <https://doi.org/10.1037/ppm0000185>, Access Date: 17 April 2023.

b. Journal article with article number

Jerrentrup, A., Mueller, T., Glowalla, U., Herder, M., Henrichs, N., Neubauer, A., & Schaefer, J. R. (2018). Teaching medicine with the help of "Dr. House." *PLoS ONE*, 13(3), Article e0193972. <https://doi.org/10.1371/journal.pone.0193972>, Access Date: 17 April 2023.

c. Journal article with missing information

Volume number is missing

Stegmeir, M. (2016). Climate change: New discipline practices promote college access. *The Journal of College Admission*, (231), 44–47. https://www.nxtbook.com/ygsreprints/NACAC/nacac_jca_spring2016/#/46, Access Date: 17 April 2023.

Issue number missing

Sanchiz, M., Chevalier, A., & Amadiou, F. (2017). How do older and young adults start searching for information? Impact of age, domain knowledge and problem complexity on the different steps of information searching. *Computers in Human Behavior*, 72, 67–78. <https://doi.org/10.1016/j.chb.2017.02.038>, Access Date: 17 April 2023.

Missing page or article number

Butler, J. (2017). Where access meets multimodality: The case of ASL music videos. *Kairos: A Journal of Rhetoric, Technology, and Pedagogy*, 21(1). <http://technorhetoric.net/21.1/topoi/butler/index.html>, Access Date: 17 April 2023.

[2] Magazine Article References

Lyons, D. (2009). Don't 'iTune' us: It's geeks versus writers. Guess who's winning. *Newsweek*, 153(24), 27. , Erişim Tarihi: 17 Nisan 2023.

Schaefer, N. K., & Shapiro, B. (2019). New middle chapter in the story of human evolution. *Science*, 365(6457), 981–982. <https://doi.org/10.1126/science.aay3550>

Schulman, M. (2019). Superfans: A love story. *The New Yorker*. <https://www.newyorker.com/magazine/2019/09/16/superfans-a-love-story>, Access Date: 17 April 2023.

[3] Newspaper Article References

a. Newspaper Article

Harlan, C. (2013). North Korea vows to restart shuttered nuclear reactor that can make bomb-grade plutonium. *The Washington Post*, A1, A4.

Carey, B. (2019). Can we get better at forgetting? *The New York Times*. <https://www.nytimes.com/2019/03/22/health/memory-forgetting-psychology.html>, Access Date: 17 April 2023.

Stobbe, M. (2020). Cancer death rate in U.S. sees largest one-year drop ever. *Chicago Tribune*.

Anonim, (2023). Türkiye'nin elektrik için kömür ithalatı iki katına çıktı. <https://www.milliyet.com.tr/ekonomi/milliyet-enerji/turkiyenin-elektrik-icin-komur-ithalati-iki-katina-cikti-6924505>, Access Date: 17 April 2023.

b. Comment on an online newspaper article

sidneyf. (2020). Oh, I don't know; perhaps the common-sense conclusion that packing people together — for hours — like sardines — may be an [Comment on the article “When will it be safe to travel again?”]. *The Washington Post*. <https://wapo.st/3757UIS>, Access Date: 17 April 2023.

[4] Blog Post and Blog Comment References

a. Blog post

Ouellette, J. (2019). Physicists capture first footage of quantum knots unraveling in superfluid. *Ars Technica*. <https://arstechnica.com/science/2019/11/study-you-can-tie-a-quantum-knot-in-a-superfluid-but-it-will-soon-untie-itself/>, Access Date: 17 April 2023.

b. Blog Post and Blog Comment References

joachimr. (2019). We are relying on APA as our university style format - the university is located in Germany (Kassel). So I [Comment on the blog post “The transition to seventh edition APA Style”]. *APA Style*. <https://apastyle.apa.org/blog/transition-seventh-edition#comment-4694866690>, Access Date: 17 April 2023.

B. Books and Reference Works

[1] Whole authored book

Sapolsky, R. M. (2017). *Behave: The biology of humans at our best and worst*. Penguin Books.

Jackson, L. M. (2019). *The psychology of prejudice: From attitudes to social action* (2nd ed.). American Psychological Association. <https://doi.org/10.1037/0000168-000>, Access Date: 17 April 2023.

Svendsen, S., & Løber, L. (2020). *The big picture/Academic writing: The one-hour guide* (3rd digital ed.). Hans Reitzel Forlag. <https://thebigpicture-academicwriting.digi.hansreitzel.dk/>, Access Date: 17 April 2023.

[2] Several volumes of a multivolume work

Harris, K. R., Graham, S., & Urdan T. (Eds.). (2012). *APA educational psychology handbook* (Vols. 1–3). American Psychological Association.

C. Several volumes of a multivolume work

[1] Chapter in an Edited Book/Ebook References

a. Chapter in an Edited Book/Ebook References

- Thestrup, K. (2010). To transform, to communicate, to play—The experimenting community in action. In E. Hygum & P. M. Pedersen (Eds.), *Early childhood education: Values and practices in Denmark*. Hans Reitzels Forlag. <https://earlychildhoodeducation.digi.hansreitzel.dk/?id=192>, Access Date: 17 April 2023.
- Aron, L., Botella, M., & Lubart, T. (2019). Culinary arts: Talent and their development. In R. F. Subotnik, P. Olszewski-Kubilius, & F. C. Worrell (Eds.), *The psychology of high performance: Developing human potential into domain-specific talent* (pp. 345–359). American Psychological Association. <https://doi.org/10.1037/0000120-016> Access Date: 17 April 2023.
- Dillard, J. P. (2020). Currents in the study of persuasion. In M. B. Oliver, A. A. Raney, & J. Bryant (Eds.), *Media effects: Advances in theory and research* (4th ed., pp. 115–129). Routledge

[2] Wikipedia Entry References

- Oil painting. (2019).
In *Wikipedia*. https://en.wikipedia.org/w/index.php?title=Oil_painting&oldid=929802398, Access Date: 17 April 2023.

D. Conference Presentations and Proceedings

[1] Conference presentation

- Evans, A. C., Jr., Garbarino, J., Bocanegra, E., Kinscherff, R. T., & Márquez-Greene, N. (2019). *Gun violence: An event on the power of community* [Conference presentation]. APA 2019 Convention, Chicago, IL, United States. <https://convention.apa.org/2019-video>, Access Date: 17 April 2023.

[2] Conference presentation

- Cacioppo, S. (2019). *Evolutionary theory of social connections: Past, present, and future* [Conference presentation abstract]. Ninety-ninth annual convention of the Western Psychological Association, Pasadena, CA, United States. <https://westernpsych.org/wp-content/uploads/2019/04/WPA-Program-2019-Final-2.pdf>, Access Date: 17 April 2023.

[3] Conference presentation

a. Conference presentation

- Duckworth, A. L., Quirk, A., Gallop, R., Hoyle, R. H., Kelly, D. R., & Matthews, M. D. (2019). Cognitive and noncognitive predictors of success. *Proceedings of the National Academy of Sciences, USA*, 116(47), 23499–23504. <https://doi.org/10.1073/pnas.1910510116> Access Date: 17 April 2023.

b. Conference Proceeding References

- Kushilevitz, E., & Malkin, T. (Eds.). (2016). *Lecture notes in computer science: Vol. 9562. Theory of cryptography*. Springer. <https://doi.org/10.1007/978-3-662-49096-9> Access Date: 17 April 2023.

c. Conference proceedings published as a book chapter

- Bedenel, A.-L., Jourdan, L., & Biernacki, C. (2019). Probability estimation by an adapted genetic algorithm in web insurance. In R. Battiti, M. Brunato, I. Kotsireas, & P. Pardalos (Eds.), *Lecture notes in computer science: Vol. 11353. Learning and intelligent optimization* (pp. 225–240). Springer. https://doi.org/10.1007/978-3-030-05348-2_21 Access Date: 17 April 2023.

E. Dissertations and Theses

Published Dissertation or Thesis References

- Kabir, J. M. (2016). *Factors influencing customer satisfaction at a fast food hamburger chain: The relationship between customer satisfaction and customer loyalty* (Publication No. 10169573) [Doctoral dissertation, Wilmington University]. ProQuest Dissertations & Theses Global.
- Zambrano-Vazquez, L. (2016). *The interaction of state and trait worry on response monitoring in those with worry and obsessive-compulsive symptoms* [Doctoral dissertation, University of Arizona]. UA Campus Repository. <https://repository.arizona.edu/handle/10150/620615>, Access Date: 17 April 2023.

Miranda, C. (2019). *Exploring the lived experiences of foster youth who obtained graduate level degrees: Self-efficacy, resilience, and the impact on identity development* (Publication No. 27542827) [Doctoral dissertation, Pepperdine University]. PQDT Open. <https://pqdtopen.proquest.com/doc/2309521814.html?FMT=AI>, Access Date: 17 April 2023.

F. Web Pages and Websites

Bologna, C. (2019). *Why some people with anxiety love watching horror movies*. HuffPost. https://www.huffpost.com/entry/anxiety-love-watching-horror-movies_1_5d277587e4b02a5a5d57b59e, Access Date: 17 April 2023.

Roberts, N. (2020). *Trayvon Martin's mother, Sybrina Fulton, qualifies to run for elected office*. BET News. <https://www.bet.com/news/national/2020/06/10/trayvon-martin-mother-sybrina-fulton-qualifies-for-office-florid.html>, Access Date: 17 April 2023.

Toner, K. (2020). *When Covid-19 hit, he turned his newspaper route into a lifeline for senior citizens*. CNN. <https://www.cnn.com/2020/06/04/us/coronavirus-newspaper-deliveryman-groceries-senior-citizens-cnnheroes-trnd/index.html>, Access Date: 17 April 2023.

Latin Names and Chemical Information

In all Latin names (including titles), Author name and date should be used when written for the first time, and internationally accepted abbreviations should be used where it is written later. Example: "Leptoglossus occidentalis Heidemann (1910)" and "L. such as "occidentalis". All Latin statements should be written in italics, on the other hand, the universal spelling rules of the relevant field should be followed in writing and notation. The chemicals used in the studies should not be given with their trade names unless the subject of the study requires and is mandatory.

ARTICLE SUBMISSION

Articles submitted to KUJINAS,

- **Full Text** with all information about the authors,
- **Double-Sided Blind Article** without authors' names and author access information,
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