B R A I N

Broad Research in Artificial Intelligence and Neuroscience

Volume 15, Issue 4

December 2024

EduSoft

https://brain.edusoft.ro/

About the Journal

BRAIN-Broad Research in Artificial Intelligence and Neuroscience aims to create links between researchers from apparently different scientific fields, such as Computer Science and Neurology. In fact, many topics, such as Artificial Intelligence, Cognitive Sciences, and Neurosciences, can intersect in the study of the brain and its intelligence functions.

Our journal contains peer-reviewed articles. These should be original and unpublished works by the authors. The peer review process is conducted anonymously, with reviewers being well-recognised scientists from our scientific board, as well as independent experts.

Some innovative young researchers from around the world had the idea to edit and publish the BRAIN journal in order to make an agora of an interdisciplinary study of the brain. Young scientists and seniors in artificial intelligence, cognitive sciences, and neurology fields are expected to publish their original works in our journal.

BRAIN Journal is an open-source journal, dedicated to promoting the latest scientific news in the field of multidisciplinary studies of the brain, consciousness, and their connection with artificial intelligence.

BRAIN Journal supports research and novelty in health, medicine, and the life sciences.

Topics

The journal's main topics of interest are related to:

- Medical Sciences: Neuroscience, Neuroimaging, Neuroenhancement, Neurology, Psychiatry, Medical anthropology (topics related to brain), Forensic medicine, Genome sequencing and genomic studies (using computers and/or Artificial Intelligence in genomic studies), Neuropathology, Brain pathology, Medical ethics and bioethics, Neurosurgery, Evolutionary biology, Embryology (topics related to nervous system development), Anatomopathology (topics related to nervous system);
- Psychology: Cognitive psychology, Psychotherapies, Social work with mentally disabled people, Psychopathology;
- Artificial Intelligence: Artificial Intelligence and computing in medicine, Natural language processing, Formal and modal logics, Brain-machine communication, Machine learning, Deep learning programming, Language processing, Robotics (especially using robotics in medicine), Brain simulations, Computer simulations, Virtual reality and enhanced reality;
- Varia: Philosophy of mind and related, Neuroethics, Philosophy of Artificial Intelligence, Ethics of artificial intelligence technologies, Game theory, Decision theory, Transhumanism, Philosophy of language.

Journal History and website content

BRAIN journal was edited by EduSoft from its first volume, in 2010, until issue 3 of volume 10 (2019). Based on the contract between EduSoft and Lumen, starting with Issue 4, Volume 10, 2019, and finishing with Issue 2, Volume 15, 2024, the Journal was published by LUMEN Publishing House, on behalf of EduSoft.

The content of the journal until August 2024 is available in mirroring, both on
https://lumenpublishing.com/journals/index.php/brain/ (Lumen Publishing)
and https://www.edusoft.ro/brain/index.php/brain/index (EduSoft Publishing)

The collaboration between EduSoft and Lumen officially concluded in August 2024. Consequently, starting with Issue 3 of Volume 15 (2024), BRAIN Journal is exclusively edited and published by EduSoft Publishing.

BRAIN. Broad Research in Artificial Intelligence and Neuroscience has an Attribution-NonCommercial-NoDerivs CC BY-NC-ND

Call for papers

We seek papers for our next issues of the BRAIN journal, from academicians, professors, researchers, doctors and clinicians, linguists, psychotherapists, PhD students, and anyone connected to the journal's topics.

We welcome contributions from all over the world. We plan to put out the next issue of the BRAIN in February 2024. You are invited to submit an article on any topic relevant to our journal. The deadline for sending articles is the 15th of December, 2024. Send your articles to brain@edusoft.ro or sign in to use the online system for submitting papers: https://brain.edusoft.ro/

Journal Contact

Mailing Address
EduSoft Publishing
Address: Romania, 600065 Bacau, 82/C/13, 9 Mai street.

PRINT: ISSN 2068 – 0473
ONLINE: E-ISSN 2067 - 3957

Principal Contact
Bogdan Patrut
Email: brain@edusoft.ro

Support Contact
Asociatia EduSoft
Address: Romania, 600258 Bacau, 1/A1/13, Mihai Eminescu street
Email: contact@edusoft.ro

Editorial Team

Editor-in-Chief
Assoc. Prof. Dr. Bogdan Patrut, Alexandru Ioan Cuza University of Iasi, Romania

Associate Editors
Prof. Dr. Kadiamada Nanaiah Roy Chengappa, University of Pittsburgh, United States
Prof. Dr. David Roe, Department of Community Mental Health, University of Haifa, Israel
Prof. Dr. Jude Hemanth, Karunya Institute of Science and Technology, India
Prof. Dr. Michael Davidson, Medical School, Nicosia University, Cyprus
Prof. Dr. Vassilios Fanos, University of Cagliari, Italy
Prof. Dr. Orhan Derman, Hacettepe University Research Information System, Turkey
Assoc. Prof. Dr. Kishor Datta Gupta, Clark Atlanta University, Georgia (GA), United States
Assoc. Prof. Dr. Utku Kose, University of North Dakota, United States

Indexing

Web of Science (Emerging Sources Citation Index); EBSCO; JERIH PLUS (hkdir.no), PubMed.gov; IndexCopernicus; Google Scholar; SHERPA/RoMEO; ArticleReach Direct; WorldCat; CrossRef; Peeref; Bridge of Knowledge (mostwiedzy.pl); abcdindex.com; Editage; Ingenta Connect Publication; OALib; scite.ai; Scholar9; Scientific and Technical Information Portal; FID Move; ADVANCED SCIENCES INDEX (European Science Evaluation Center, neredataltics.org); ivySCI; exaly.com; Journal Selector Tool (letpub.com); Citefactor.org; fatcat!; ZDB catalogue; Catalogue SUDOC (abes.fr); OpenAlex; Wikidata; The ISSN Portal; Socolar; KVK-Volltitel (kit.edu)

Journal Impact Factor ™ 2023 - 0.8 | BRAIN journal has 2023 JIF 0.8, calculated by Clarivate Analytics, Web of Science in 2024
Journal Impact Factor ™ 2022 - 2.3
Five year - 0.6
JCI Category: NEUROSCIENCES in ESCI edition
Category Rank: 296/310
Category Quartile: Q4

Journal Citation Indicator | BRAIN journal has 2023 JCI 0.32, calculated by Clarivate Analytics, Web of Science in 2024
JCI Category: NEUROSCIENCES in ESCI edition
Category Rank: 281/310
Category Quartile: Q4

INSTRUCTIONS FOR AUTHORS

Author Guidelines

Authors are invited to submit their manuscripts via email to brain@edusoft.ro or through online submission by creating an account at https://brain.edusoft.ro/**.** Submissions must be in DOC/DOCX format (Microsoft Word) and written in clear, simple English. Manuscripts should preferably be up to 20 pages, including all figures.

The template for the paper is at this address:

http://brain.edusoft.ro/New_Template_for_BRAIN.doc

Formatting Requirements

- Single-spaced text using a 12-point Times New Roman font.
- Use italics instead of underlining, except for URLs.
- Place illustrations, figures, and tables directly within the text.
- The title should be bold, 14-point, while author names should be italicized, 12-point.
- Captions for figures should be centered below the images, and captions for tables should be at the top left.
- Indent paragraphs and subtitles using a tab.
- Subtitles should be in bold, 12-point font.
- Use Microsoft Word versions 97-2003 or 2010, 2013.
- Authors are encouraged to submit manuscripts in the camera-ready format even for initial submissions.

Review Process

All submissions undergo a thorough review by an editor and selected experts. Authors will receive feedback and ratings within 3-10 weeks of submission. Accepted manuscripts must be revised based on reviewers' comments before final acceptance.

Starting with Issue 3 of Volume 15 (2024) of BRAIN – Broad Research in Artificial Intelligence and Neuroscience, the acceptance rate for submitted articles has decreased to 45%.

Additionally, we are pleased to announce that, on occasion, articles deemed to be of exceptional value and significance will be exempted from the article processing and publication fees.

For any questions regarding the submission, contact Mr. Bogdan Patrut at bogdan@edusoft.ro.

Submission preparation checklist

Before submitting, ensure compliance with the following:

1. The manuscript has not been published or is not under consideration elsewhere.
2. The file is in Microsoft Word (DOC, DOCX) or RTF format.
3. Include URLs for references where available.
4. The text is single-spaced, uses a 12-point font, and includes images, figures, and tables placed appropriately within the text.
5. Adhere to the formatting and citation guidelines in the Author Guidelines.
6. Follow the instructions to ensure a blind review, if applicable.

Ensuring a Blind Peer Review

For blind review integrity, authors, editors, and reviewers must ensure:

- Author names and identifiable information are removed from the manuscript, using "Author" and year in references.
- Remove author information from file properties in Microsoft Word.
- For PDFs, remove author names from the document properties.

Copyright and Privacy

All submissions to BRAIN journal must respect copyright laws. Authors must ensure their work is original or properly acknowledge any third-party content. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience* uses a CC BY-NC-ND license.

EduSoft complies with GDPR, using personal data exclusively for journal purposes.

Online Submissions

Authors with a username and password for the journal can log in to submit their manuscripts or track submission status. New users should register to create an account as an author before submission.

Preparing and Submitting the Manuscript

Authors should ensure their manuscript is formatted according to the guidelines. For double-blind review, submit a version without author information and a separate title page with the details removed from the manuscript.

Review and Feedback

Manuscripts will be reviewed by experts in the field, who will provide feedback. The author will receive notification within 3-10 weeks, and accepted manuscripts should be revised accordingly.

For any inquiries regarding manuscript preparation or submission, please contact EduSoft via the provided email addresses.