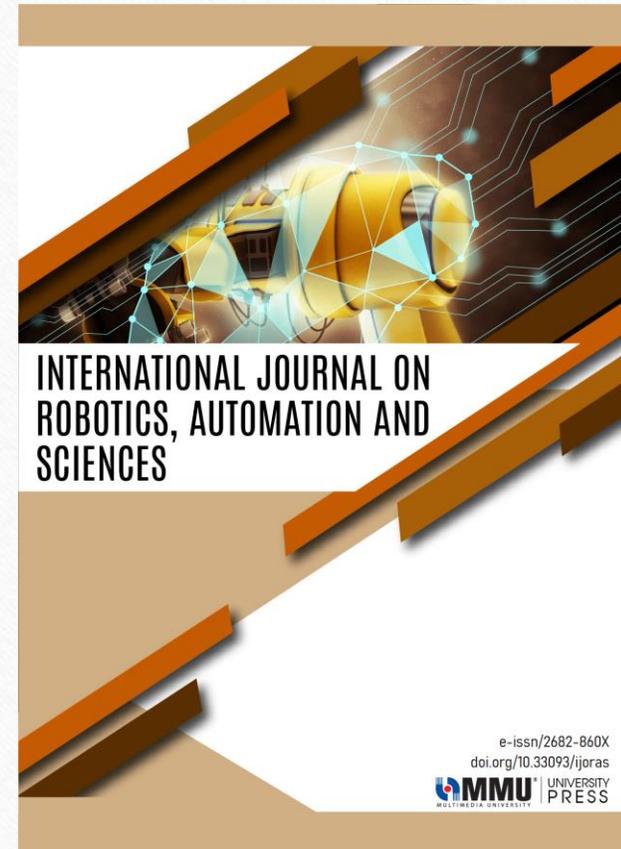


International Journal on Robotics, Automation and Sciences (IJORAS)

Ir. Prof. Dr. Sim Kok Swee



About the Journal

- Multimedia University (MMU) has organized the International Conference on Robotics, Automation and Sciences (ICORAS) in 2016 and 2017. Those two conferences are the largest technical events on Robotics, Automation and Sciences in Melaka in the year 2016 and 2017
- **To elevate the status of ICORAS based on its success, it is due time that we introduce an MMU Journal on its reputation.** This will help to promote MMU in the areas of robotics, automation and sciences. It will include the multi-disciplinary engineering disciplines such as Electrical, Electronics, Mechatronics, Biomedical Engineering, General Sciences and others related fields.
- **This journal is named the International Journal on Robotics, Automation and Sciences (IJORAS).** It is an **online peer-reviewed research journal** that aims to provide a high-level publication platform for scientists and technologists working in the fields of Robotics, Automation and Sciences.

Objectives

- The main objective of IJORAS is to prepare a **high-level publication platform for scientists and technologists working** in the fields of Robotics, Automation and Sciences such as Advanced robotics, Adaptive control system, Embedded system, Fuzzy logic, Neural Network, Biomedical Engineering, Digital and Signal Processing, Image Processing, and image analysis. This platform also includes technology and applications in physics, chemistry, material and biological sciences.
- World-renowned researchers, Prof. Laszlo T. Koczy (Hungary), the President of the University Research Council and of the University PhD. Council, as well as Professor Kaoru Hirota from Japan will be the member of IJORAS review panels.
- MMU Press will publish the papers that are accepted.

Background

1. Readerships

- The readerships for IJORAS are **worldwide researchers and specialists** who are peers of the contributors. A general but educated and well-read audience are intended audience for this journal.

2. Aims and scope

- The primary aim of the International Journal on Robotics, Automation and Sciences (IJORAS) is to **publish high-quality papers of new developments and trends, novel techniques and approaches, innovative methodologies and technologies on the theory and applications of new science, engineering and technology**. The IJORAS is a peer-reviewed **English language journal** and is published one issue per year. A submission to IJORAS will be assigned to an associate editor, and reviewed by **at least two referees**.

The scope of the IJORAS is in the broad areas of Robotics, Automation and Science, includes but not limited to:

Topics of interest for submission include, but are not limited to:

- Adaptive control
- Biologically inspired systems, control
- Biomedical imaging
- Computer controlled systems
- Computing & communications
- Deep learning
- Discrete event systems Distributed systems
- Process control
- Real-time control
- Fault diagnosis
- Fault tolerant control
- Fuzzy systems Genetic & evolutionary computation
- Hybrid systems
- Image processing
- Industrial automation, manufacturing
- Intelligent control systems Intelligent transportation systems Linear systems
- Micro and nano-systems
- Modeling & simulation
- Neural networks
- Networked control systems
- Non-linear systems
- Optimization
- Power systems
- Predictive control
- Education & training
- Embedded control systems
- Renewable energy and sustainability
- Robotics
- Robust control
- Signal processing
- Swarm robotics
- Unmanned systems
- Virtual reality
- Wireless sensor networks

3. Rationale

- This journal can support the goals of our university and research Centre. This journal targets global researchers to publish their quality research work for science advances. The kind of recognition, both national and international, that a new journal can bring are of utmost important to research administrators. This journal can demonstrate the ability of our institution to compete with other research agencies in the production of knowledge, while also forming the basis of new collaborations, between local, regional, or international researchers, research departments, and institutions.

4. DOI

- <https://doi.org/10.33093/ijoras>

5. e-ISSN

- 2682-860X

Archives

1. IJORAS Volume 1 (2019)- Published: 2019-11-13

- DOI: <https://doi.org/10.33093/ijoras.2019.1>

- Full Issue

- Chronic Kidney Disease Risk Estimation Using Artificial Neural Network

Al-Amoodi Wody, Supriyanto E, Warid M. N. M.

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- Effects of Various Earth Grid Configurations on Ground Potential Rise Caused by Lightning Strike

Madrin F.P., Supriyanto E., Widyaputera H. , Malek Z. A. , Taib M. A. A. , Yasir M. F. M.

14 – 20

- Simulation of 500 MHz Electromagnetic Interference Effect on Electrical Equipment with Various RF Grids and Enclosures

Warsito I. F., Supriyanto E., Widyaputera H. , Pusppanathan J., Taib M. A. A., Yasir M. F. M.

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2. IJORAS Volume 2 (2020)- Published: 2020-10-30

- DOI: <https://doi.org/10.33093/ijoras.2020.2>
- Full Issue
 - Performance Evaluation of Capacitive Based Force Sensor for Electroencephalography Head Caps
Warsito I. F., A. Hunold, J. Haueisen , E. Supriyanto
4 – 8
 - Testing of Auditory Clinical Alarms in ICU/CCU
Thangavelu S. D., E. Supriyanto, J. Yunus
9 – 17
 - Protein Concentration Determination in Latex Glove Using Biocompatibility Morphological Mean Test
Chean Khim Toa, Kok Swee Sim, Yee Kit Chan
18 – 24
 - Development of Visual-based Rehabilitation Using Sensors for Stroke Patient
Choon Chen Lim, Kok Swee Sim, Chean Khim Toa
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Information

1. For Readers

- **We encourage readers to sign up for the publishing notification service for this journal.** Use the Register link at the top of the home page for the journal. This registration will result in the reader receiving the Table of Contents by email for each new issue of the journal. This list also allows the journal to claim a certain level of support or readership. See the journal's Privacy Statement, which assures readers that their name and email address will not be used for other purposes.

2. For Authors

- Interested in submitting to this journal? We recommend that you review the About the Journal page for the journal's section policies, as well as the Author Guidelines. **Authors need to register with the journal prior to submitting or, if already registered, can simply log in and begin the five-step process.**

3. For Librarians

- We encourage research librarians to list this journal among their library's electronic journal holdings. As well, **it may be worth noting that this journal's open source publishing system** is suitable for libraries to host for their faculty members to use with journals they are involved in editing (see Open Journal Systems).

Submissions

1. Preparation Checklist

- As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines:

- ✓ The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- ✓ The submission file is in OpenOffice, Microsoft Word, or RTF document file format.
- ✓ Where available, URLs for the references have been provided.
- ✓ The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- ✓ The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines.

Author Guidelines

1. Submissions

- The International Journal of Robotics, Automation and Sciences (IJORAS) is welcoming contributions related with the journal's scope. In general, decisions will be made after peer-review, within 3 months of receipt. Accepted articles will generally be published within 9 months thereafter.
- Manuscripts (in a single PDF, PDF only) should be submitted to the IJORAS Submission System: <https://www.mmu.edu.my>

2. Types of Submissions

- IJORAS considers two types of submissions:
 - Full Papers - Detailed discussion involving new research, applications or developments (up to 20 printed pages, or approved by Editor-in-Chief otherwise);
 - Short Papers - Brief presentations of new technical concepts and developments (up to 8 printed pages, or approved by Editor-in-Chief otherwise).

3. Peer Review Process

- **Authors have the full responsibility to ensure that manuscripts submitted to IJORAS have not been published, have not been copyrighted, and will not be submitted or published elsewhere in English or any other language.** The author(s) agrees that the copyright (copyright-from) for the article will be transferred to the publisher upon acceptance. The Editors reserve the right to decline the submitted manuscript without review, if the works reported are not sufficiently novel or important to merit publication in the journal, or of limited interest to the target audience. **The Editor seeks advice from experts in the appropriate field.** A minimum of **two reviewers or three** in case of inconsistent recommendations referees all manuscripts. The final decision of acceptance will be made by Executive Editor or, in case of conflict, by the Editor-in-Chief.

4. Proofs:

- Proofs of the accepted article will be sent electronically to the corresponding author and the should be returned within two weeks of the receipt. Corrections should be restricted to typesetting errors only; any other corrections may be charged to the authors. At this stage, only minor changes can be accepted, and any changes should be marked in the proof file and renamed it as ('Edited') then send it back to IJORAS.
- No late or last-minute corrections will be accepted.

5. Manuscript Layout

- Manuscripts should be typewritten in English on one side only with wide margins on high quality paper using single spacing throughout. Each page of the manuscript should be numbered. The front page should contain the article title, author's name and affiliation, abstract and keywords. The abstract should not exceed 200 words and should be intelligible to general readers without recourse to the main text. A list of notation should be avoided, but new notation and departures from standard use should be explained in text.
- Articles should, in general, begin with an introduction, which adequately covers the literature and scope of the paper. Each section in the paper should be numbered. Each article should have, in general, a conclusion or discussion section. Any appendices should follow the Reference section.

6. Illustrations

- Proper figure preparation is essential for optimum reproduction of line drawing and photograph. Figures and Tables should be placed as part of the text and should be numbered.

7. References

- References should be listed at the end of the main text. **The references style is follow American Psychological Association (APA) citation style** as following:

Core Components of an APA Reference:

Author Rules:

1. Initials are separated and ended by a period eg Mitchell, J.A
2. Multiple authors are separated by commas and an ampersand eg Mitchell, J.A., Thomson, M., & Coyne, R
3. Multiple authors with the same surname and initial: add their name in square brackets eg Mendeley, J. [James].

Date Rules:

1. Date refers to date of publishing
2. If the date is unknown 'n.d' is used in its place eg Mendeley, J.A. (n.d)

Title Rules:

1. The format of this changes depending on what is being referenced.

Author's surname, initial(s). (Date Published). Title of source. Location of publisher: publisher. Retrieved from URL

Publisher Rules:

1. If in the US: the city and two letter state code must be stated eg San Francisco, CA
2. If not in the US: the city and country must be stated eg Sydney, Australia

This is used if the source is an online source.

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Contact

1. Principal Contact

- IJORAS Committee
- Faculty of Engineering and Technology, Multimedia University
- Phone (60)6-2523544
- ijoras.mmu@gmail.com

2. Support Contact

- IJORAS Committee
- Phone (60)6-2523544
- ijoras.mmu@gmail.com