

ISSN: 2163-9434

Volume 10, Number 3, August 2020



# Open Journal of Philosophy



ISSN: 2163-9434



<https://www.scirp.org/journal/ojpp>

# Journal Editorial Board

ISSN: 2163-9434 (Print), 2163-9442 (Online)

<https://www.scirp.org/journal/ojpp>

---

## Editor-in-Chief

**Prof. Kuang-Ming Wu**

Professor Emeritus at University of Wisconsin-Oshkosh, USA

## Editorial Board

**Dr. Casimir Kingston Chukwunonyelum Ani**

University of Nigeria, Nigeria

**Dr. Rajendra D. Badgaiyan**

University at Buffalo, USA

**Dr. Maria Bottis**

Ionian University, Greece

**Dr. John H Dreher**

University of Southern California, USA

**Prof. Maduabuchi Dukor**

Nnamdi Azikiwe University, Nigeria

**Dr. Chris Fleming**

University of Western Sydney, Australia

**Prof. James Giordano**

Georgetown University, USA

**Prof. Wenceslao J. Gonzalez**

University of A Coruña, Spain

**Dr. Muhammad Kamal**

University of Melbourne, Australia

**Prof. Wojciech Krysztofiak**

University of Szczecin, Poland

**Prof. Chenyang Li**

Central Washington University, USA

**Dr. Antonio Marturano**

Sacred Heart Catholic University of Rome, Italy

**Dr. James Mattingly**

Georgetown University, USA

**Prof. Jan Narveson**

University of Waterloo, Canada

**Dr. Leonid Perlovsky**

Harvard University, USA

**Dr. Pablo Rodríguez del Pozo**

Weill Cornell Medicine-Qatar, Qatar

**Dr. Abraham Rudnick**

University of Western Ontario, Canada

**Prof. Brian Schroeder**

Rochester Institute of Technology, USA

# Table of Contents

**Volume 10    Number 3**

**August 2020**

<b>Assessment of Whitehead Process Philosophy and Pedagogy in Nigeria: Implications for Global Citizenship among Teachers and Students</b>	
F. O. Ugwuozor.....	277
<b>The Dawn of Rational Intersubjectivity in Hegel’s Philosophy of Subjective Spirit</b>	
C. Stampoulis.....	300
<b>The Essence of the Universe and Humankind</b>	
S. M. Liu.....	316
<b>Thinking Development: African Culture and Sustainable Water Management</b>	
A. C. Ahouandjinou, C. I. Niang, A. Sene.....	331
<b>Religion: Its Origins, Social Role and Sources of Variation</b>	
R. Startup.....	346
<b>The Noble Lie</b>	
R. Ferrell.....	368
<b>Precautionary Principle of Science: Guideline of Ethics in Chemistry</b>	
J. D. Rivera-Ramírez.....	374
<b>Descartes on Mathematical Reasoning and the Truth Principle</b>	
J. H. Dreher.....	388
<b>Classification of Sciences in the Works of Abu Raykhan Beruniy</b>	
K. M. Akramovna, T. B. Nusratullayevich.....	411
<b>Multiple Dimensions of Marx’s Intercourse Form</b>	
T. F. Lai.....	417

# Open Journal of Philosophy (OJPP)

## Journal Information

### SUBSCRIPTIONS

The *Open Journal of Philosophy* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$69 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### SERVICES

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### COPYRIGHT

#### **Copyright and reuse rights for the front matter of the journal:**

Copyright © 2020 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

#### **Copyright for individual papers of the journal:**

Copyright © 2020 by author(s) and Scientific Research Publishing Inc.

#### **Reuse rights for individual papers:**

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### **Disclaimer of liability**

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: [ojpp@scirp.org](mailto:ojpp@scirp.org)

# Call for Papers

# Open Journal of Philosophy

ISSN: 2163-9434 (Print), 2163-9442 (Online)

<https://www.scirp.org/journal/ojpp>

**Open Journal of Philosophy (OJPP)** is an international journal dedicated to the latest advancement of philosophy. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of philosophy.



## Editor-in-Chief

Prof. Kuang-Ming Wu

Professor Emeritus at University of Wisconsin-Oshkosh, USA

## Editorial Board

Dr. Casimir Kingston

Chukwunonyelum Ani

Dr. Rajendra D. Badgaiyan

Dr. Maria Bottis

Dr. John H Dreher

Prof. Maduabuchi Dukor

Dr. Chris Fleming

Prof. James Giordano

Prof. Wenceslao J. Gonzalez

Dr. Muhammad Kamal

Prof. Wojciech Krysztofiak

Prof. Chenyang Li

Dr. Antonio Marturano

Dr. James Mattingly

Prof. Jan Narveson

Dr. Leonid Perlovsky

Dr. Pablo Rodríguez del Pozo

Dr. Abraham Rudnick

Prof. Brian Schroeder

## Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Aesthetics
- Analytic Philosophy
- Ancient Greek and Roman Philosophy
- Art Aesthetics
- Bioethics
- Cognitive Science
- Comparative Philosophy West and Chinese
- Dialectics of Nature
- Eastern Philosophy
- Ecological Ethics
- Environmental Ethics
- Epistemology
- Ethical Principles
- Ethics
- Ethics Education
- Formal Logic
- Hermeneutics
- History of Chinese Philosophy
- History of Logic
- History of Religious Thought
- History of Western Philosophy
- Indian Philosophy
- Language Logic
- Logic
- Marxist Philosophy
- Medical Ethics
- Medieval Philosophy
- Metaphysics
- Modern Foreign Philosophy
- Ontology
- Other Subjects of Ethics
- Phenomenology
- Philosophy and Other Subjects
- Philosophy of Artistic Creativity
- Philosophy of Comparative Religion
- Philosophy of Culture
- Philosophy of Education
- Philosophy of Globalization
- Philosophy of Interculture
- Philosophy of Law
- Philosophy of Literature
- Philosophy of Logic
- Philosophy of Mind
- Philosophy of Natural Science
- Philosophy of Nature
- Philosophy of Psychology
- Philosophy of Religion
- Philosophy of Science
- Philosophy of Social Science
- Philosophy of Technology
- Political Philosophy
- Professional Ethics
- Semiotics
- Social Philosophy

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

## Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

## Website and E-Mail

<https://www.scirp.org/journal/ojpp>

E-mail: [ojpp@scirp.org](mailto:ojpp@scirp.org)

## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific  
Research  
Publishing**

**Website: <https://www.scirp.org>**

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**