

Editorial

Annual Report 2023

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1. Journal summary from Editor in Chief

AIMS Energy is an Open Access international journal devoted to publishing peer-reviewed, high quality, original papers in the field of Energy science and technology, to promote the worldwide better understanding of full spectra of energy issues. Together with the Editorial Office of AIMS Energy, I wish to testify my sincere gratitude to all authors, members of the editorial board and peer reviewers for their contribution to AIMS Energy in 2023.

In 2023, we had received 301 manuscripts, of which 60 have been accepted and published. These published papers include 46 research articles and 11 review articles. The authors of the manuscripts are from more than 30 countries worldwide. The sources of the submissions from showed a significant increase of international collaborations on the research of Energy technologies.

One of the important strategies of attracting high quality and high impact papers to our journal has been the calls for special issues. In 2023, 8 special issues were newly planned and called, and two of which have more than five high quality articles been published so far. Currently, there are 10 special issues open and we expect to collect excellent articles for publication. AIMS Energy has 110 enthusiastic members on our editorial board, and 8 of them just joined in 2023. We will continue to renew and accept dedicated fresh researchers to join the Editorial Board in 2024. Our members are active researchers, and we are confident that with their dedicated effort of research and publications, the journal will offer our readers more impactful articles.

With the high demand on innovative research for renewable energy and efficient utilization of energy, we expect to call and receive more excellent articles for publication in AIMS Energy in 2024. We would also like our members of the editorial board to encourage more of our peer researchers to publish papers and support AIMS Energy. The journal will dedicate to publishing high quality papers

by both regular issues and special issues organized by the members of the editorial board. We believe that all these efforts will increase the impact and citations of the papers published by AIMS Energy.

Wish the best year of 2024 to our dedicated editorial board members, authors, peer reviewers, and staff members of the Editorial Office of AIMS Energy.

Prof. Peiwen (Perry) Li, Editor in Chief

AIMS Energy

Dept. of Aerospace and Mechanical Engineering,

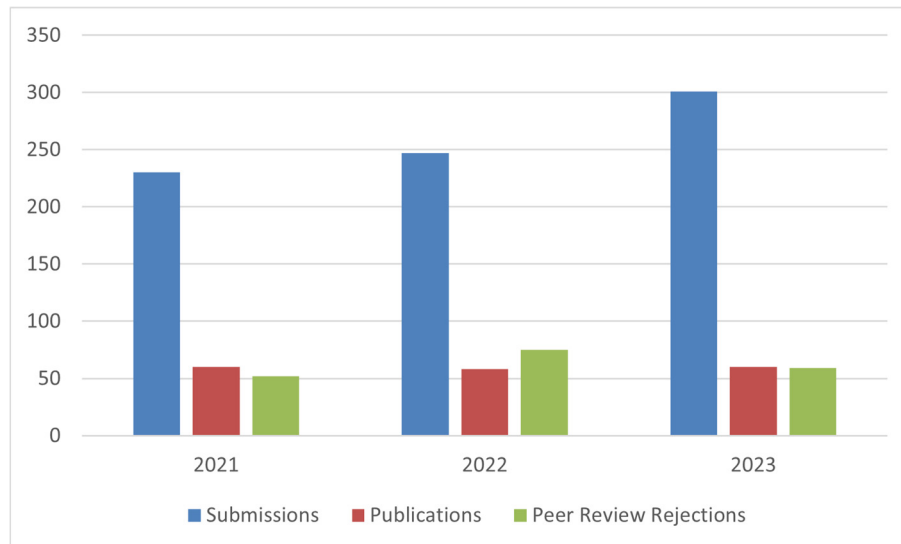
University of Arizona, USA

2. Editorial development

2.1. Manuscript statistics

The three-year manuscript statistics are shown below. In 2023, AIMS Energy published 6 issues, a total of 60 articles were published online, and the category of published articles is as follows:

Type	Number
Research Article	46
Review	11
Others	3



Peer Review Rejection rate: 50%

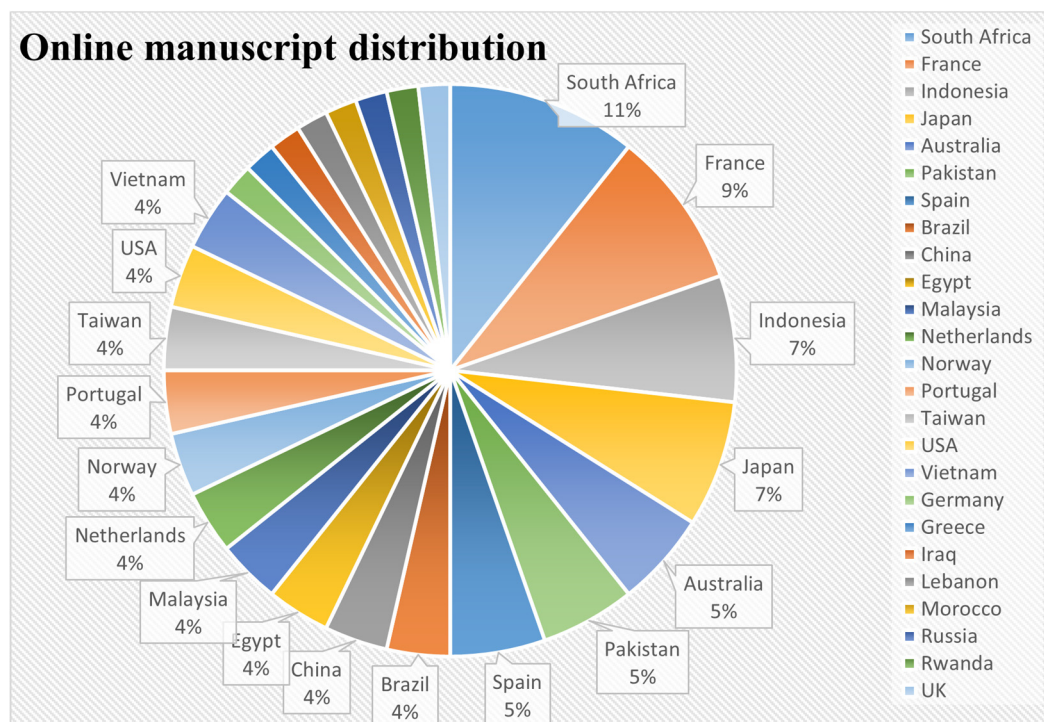
Rejection rate: 78%

Publication time (from submission to online): 108 days

2.2. Author distribution of online manuscript

The authors' country and regions of origin distribution are shown below. The top 5 countries are

South Africa, France, Indonesia, Japan and Australia. It is pleased to see that so many diversified countries were represented among our authors.



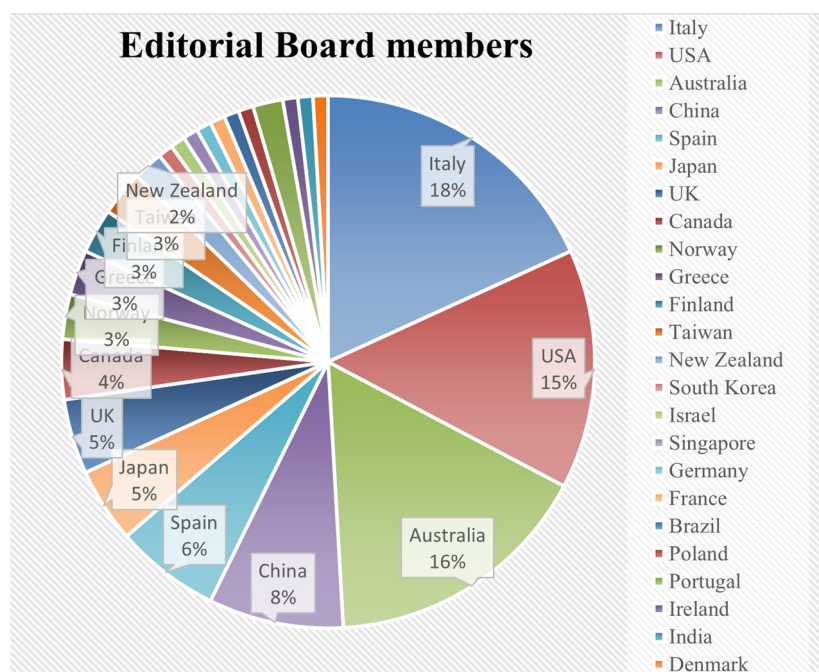
2.3. Some special issues with more than 5 papers

An important part of our strategy of attracting high quality papers has been the call and preparation of special issues. Listed below are some examples of issues that have more than 5 papers. We encourage Editorial Board members to propose more contingent topics and to act as editors of special issues.

Title	Link	Number of published
Environmental and energy policy	https://www.aimspress.com/aimse/article/6117/special-articles	8
Hybrid renewable energy system design	https://www.aimspress.com/aimse/article/6313/special-articles	12

2.4. Editorial Board members

AIMS Energy has Editorial Board members representing researchers from 24 countries, which are shown below. It is pleased to see that so many diversified countries were represented among our EB members. The top 3 countries are Italy, USA and Australia.



We are constantly assembling the editorial board to be representative to a variety of disciplines across the field of Energy. AIMS Energy has 110 members now, and 8 of them joined in 2023. We will continue to invite dedicated experts and researchers in order to have a strong Editorial Board in 2024.

The information of 8 new Editorial Board members is shown below. We welcome them and hope to attract more outstanding scholars to join our team.

Name	Position	h-index	Affiliation
Peter Majewski	Professor	43	University of South Australia, Future Industries Institute, Mawson Lakes, SA 5095, Australia
Surender Reddy, Salkuti	Associate Professor	38	Department of Railroad & Electrical Engineering, Woosong University, Daejeon, South Korea
George Xydis	Professor	34	Aarhus University, Department of Business Development and Technology (BTECH), Denmark
Silvio Simani	Professor	33	Department of Engineering, University of Ferrara, Italy
Meisam Mahdavi	Professor	32	Department of Electrical Engineering, University of Jaen, Linares, Jaen, Spain
Hongwei Wu	Professor	32	School of Physics, Engineering and Computer Science, University of Hertfordshire, UK
Gianluigi De Mare	Associate Professor	17	Department of Civil Engineering, University of Salerno, Italy
Sathyajith Mathew	Professor	17	Department of Engineering sciences, Faculty of Engineering and Science, University of Agder, Norway

2.5. Articles metrics

Top 10 cited papers in last 2 years.

No.	Article	Citations
1	Bioenergy and biofuel production from biomass using thermochemical conversions technologies-a review	9
2	A review of fuel additives' effects and predictions on internal combustion engine performance and emissions	9
3	Recent advances in polymer structures for organic solar cells: A review	9
4	A review of PV solar energy system operations and applications in Dhofar Oman	8
5	Analysing the systemic implications of energy efficiency and circular economy strategies in the decarbonisation context	7
6	Enhancing building energy efficiency: Formation of a cooperative digital green innovation atmosphere of photovoltaic building materials based on reciprocal incentives	6
7	Optimization and cost-benefit analysis of a grid-connected solar photovoltaic system	5
8	Design of a hybrid wind-solar street lighting system to power LED lights on highway poles	4
9	An application of the PROMETHEE II method for the comparison of energy requalification strategies to design Post-Carbon Cities	4
10	Design and protection of microgrid clusters: A comprehensive review	4

Last Updated: December 2023

Source: Web of Science

Top 10 Read Papers in 2023.

No.	Article	Viewed
1	Impact of photovoltaic grid-tied systems on national grid power factor in Palestine	10651
2	Ethiopia hydropower development and Nile basin hydro politics	5356
3	Design of a hybrid wind-solar street lighting system to power LED lights on highway poles	3536
4	Bioenergy and biofuel production from biomass using thermochemical conversions technologies—a review	3535
5	Policies and laws in the application of renewable energy Indonesia: A reviews	3231
6	Recent advances in polymer structures for organic solar cells: A review	2891
7	A review of internal combustion engines powered by renewable energy based on ethanol fuel and HCCI technology	2725
8	Analysing the systemic implications of energy efficiency and circular economy strategies in the decarbonisation context	2689
9	Design and protection of microgrid clusters: A comprehensive review	2420
10	Optimization and cost-benefit analysis of a grid-connected solar photovoltaic system	2177

Last Updated: December 2023

Source: AIMS Energy Journal Homepage

2.6. Summary & plan

2.6.1. Summary

In the last few years, our journal has experienced a fast growth of number of published articles

and quality. Particularly, we received more than 300 manuscript submissions and published 60 papers in 2023. We have added 8 new Editorial Board members, and called for 17 special issues in 2023.

2.6.2. Plan in 2024

The growth of our journal will require us to invite dedicated and prestigious researchers and experts to our Editorial Board. Keeping this in mind, our first action in 2024 is to renew and rotate members of the Editorial Board. The foremost task is to invite more high-quality articles (Research and Review), especially the review articles to provide readers broad views on the technologies interested to us. We would like to increase the diversity of high-quality articles from all around the world. To set a goal, we would like to publish 60 high-quality articles in 2024. We hope Editorial Board members could help us invite some reputational scholars in your network and field to contribute articles to our journal.

Lastly, we would like to invite our board members to offer your best effort of increasing the influence and impact of AIMS Energy by soliciting and advertising high quality articles and dedicated special issues to address contingent broad topics on energy technologies.

Acknowledgments

We really appreciate the time and effort of all our Editorial Board Members and Guest Editors, as well as our reviewers devoted to our journal in such difficult circumstances in the last four years. All your excellent professional effort and expertise provided us with very useful and professional suggestions in 2023. Last, but not least, thanks are given to the hard work of the in-house editorial team.



AIMS Press

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