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Electrochem

Annual Report 2023

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Publication Report 2023

30 January 2024

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Under the guidance of our Editor-in-Chief, Prof. Dr. Masato Sone, and with great support from all of our Editorial Board Members, *Electrochem* has completed its fourth volume. On behalf of all the staff in the Editorial Office, I would like to report on the performance of *Electrochem* in 2023.

1. Highlights

- Published 36 papers in total.
- Fourteen publications in 2023 have been cited at least once already, and the most popular has been cited 81 times.
- Three new Special Issues were opened for submission in 2023.
- It is already indexed within Scopus, CAPlus/SciFinder, and other databases.
- Cited articles (Top Ten) in 2023:

Number	Title	Citation
1	Coupled Electrochemical-Thermal Simulations and Validation of Minichannel Cold-Plate Water-Cooled Prismatic 20 Ah LiFePO ₄ Battery	81
2	Experimental, Monte Carlo and Molecular Dynamic Study on Corrosion Inhibition of Mild Steel by Pyridine Derivatives in Aqueous Perchloric Acid	64
3	Designing of Nanomaterials-Based Enzymatic Biosensors: Synthesis, Properties, and Applications	51
4	Review of the Design of Current Collectors for Improving the Battery Performance in Lithium-Ion and Post-Lithium-Ion Batteries	50
5	Performance Study on the Effect of Coolant Inlet Conditions for a 20 Ah LiFePO ₄ Prismatic Battery with Commercial Mini Channel Cold Plates	38
6	Spinel to Rock-Salt Transformation in High Entropy Oxides with Li Incorporation	36
7	Crystal Structure and Preparation of Li ₇ La ₃ Zr ₂ O ₁₂ (LLZO) Solid-State Electrolyte and Doping Impacts on the Conductivity: An Overview	29
8	A Comprehensive Review on the Use of Metal–Organic Frameworks (MOFs) Coupled with Enzymes as Biosensors	29
9	Lithium-Sulfur Batteries: Advances and Trends	27
10	Review on Interface and Interphase Issues in Sulfide Solid-State Electrolytes for All-Solid-State Li-Metal Batteries	27

2. Journal Access Trend

<https://www.mdpi.com/journal/electrochem/stats>

Trends in article views, articles published online, new submissions received, and rejected papers over the past six months.

	2023					
	July	Aug	Sep	Oct	Nov	Dec
Article Views	16,582	17,041	15,300	17,432	16,833	18,329
Publications	4	2	2	4	3	2
New Submissions	1	3	4	3	6	7
Rejection	2	0	1	1	1	3

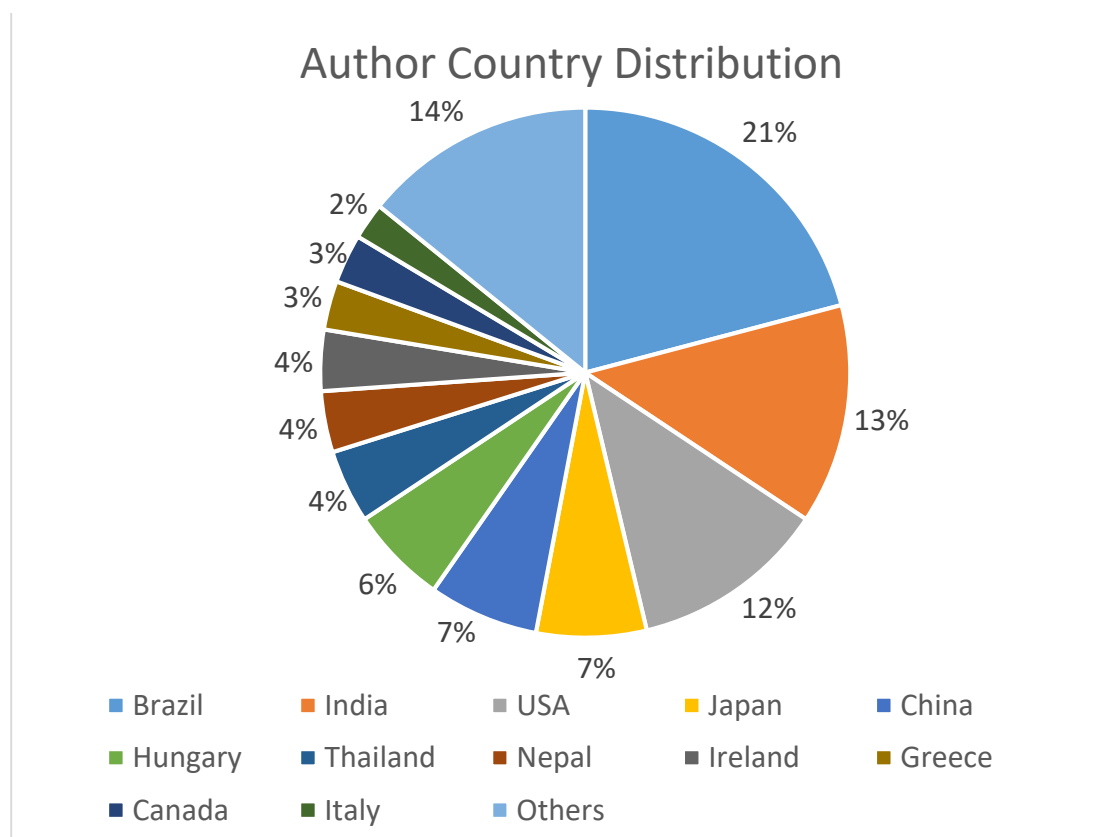
3. Publication Statistics

(1) The total number of manuscripts published in 2023 was 36. Among them, there were 19 Articles, 11 Reviews, 2 Editorials, and 1 Communication.

(2) Publication Time: In 2023, the median publication time was 48.5 days and the time to first decision was 20.5 days.

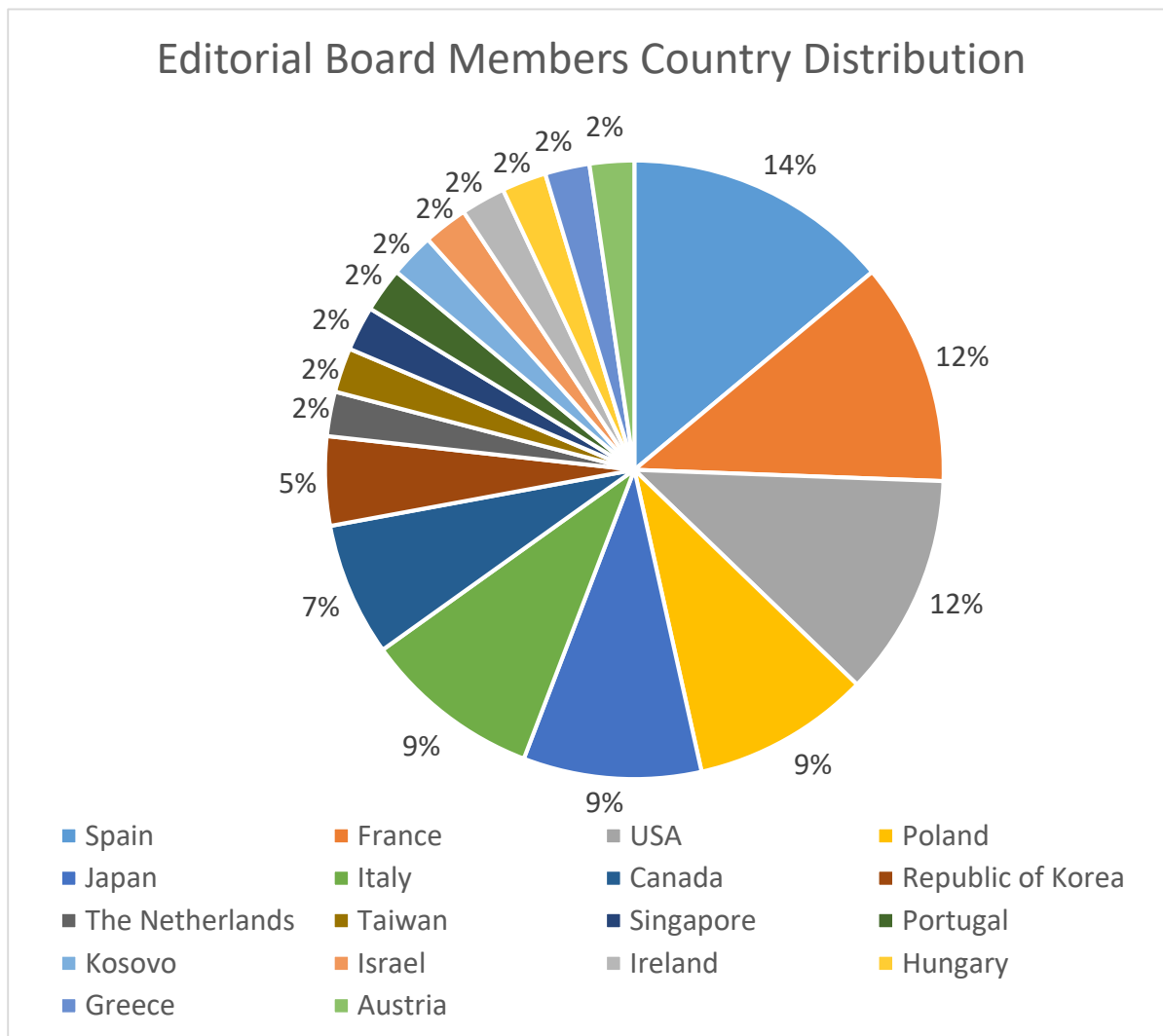
(3) Publications by countries in 2023: India 6, USA 6, Japan 4, Brail 3, and others.

Last year, most publications were from India and USA. In 2024, we will continue to invite more high-quality manuscripts and promote the journal to more recognized experts.



4. Editorial Board Expansion

In 2023, we had 43 Editorial Board Members from 18 countries.



We hope that this year we can focus on promotion in Europe and America to attract more submissions, considering that most of our Editorial Board Members are from these places.

5. Special Issues

To view the Special Issues that are open for submissions, please see the following link:

https://www.mdpi.com/journal/electrochem/special_issues

Special Issue Title	Deadline
Silicon Electrochemistry: Fundamentals and Modern Applications	2025-07-07
Collection	
Feature Papers in Electrochemistry	---

If you are interested in contributing or have any other hot Special Issue topics or potential Guest Editors in mind, please feel free to recommend them to us.

6. Plans for 2024

(1) **Increase submissions (high quality):** We are planning to publish more papers this year to ensure the stable development of *Electrochem*. The publication quality in 2024 is very important to us. We would appreciate it if each EBM (Editorial Board Member) was able to invite feature papers (including from the EBMs themselves);

(2) **Maintain efficient paper processing times;**

(3) **Set up Special Issues;**

(4) **Carry out more marketing promotions** (*cooperate with conferences, set up Special Issues, etc.*) to attract submissions. If you plan to attend any conferences in 2024, please let us know. We can consider cooperating with these conferences.

7. Acknowledgement

We would like to highlight the contribution of our Editor-in-Chief, Professor Masato Sone, who has provided and is providing us with his constant support for the journal's development. We would like to thank Professor Sone for pre-screening manuscripts and making decisions on papers. With his leadership and support, *Electrochem* is developing well and will continue to grow.

Many of our Editorial Board members, Topical Advisory Panel Members, and Guest Editors have contributed their valuable papers to our journal. We appreciate their great support.

Our sincerest thanks to all our reviewers for their help with reviewing papers for our journal; your valuable comments have helped the authors to improve their papers and contributed greatly to the quality control of *Electrochem*.