



National  
Battery  
Research  
Institute



Queen Mary  
University of London

# Submission Guidelines

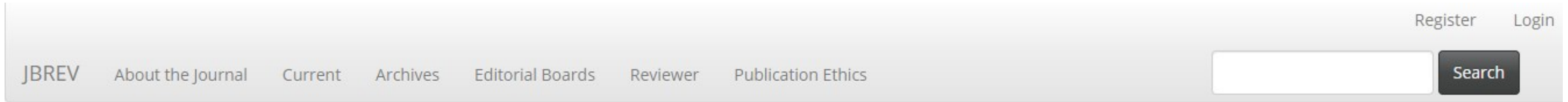
Journal of Batteries for Renewable Energy  
and Electric Vehicles

**(JBREV)**



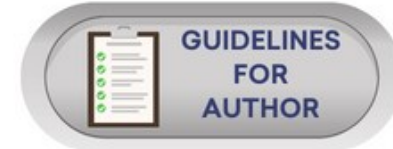
# Step 1. Click the **JBREV Online Submission/ Register**.

If you have registered, please directly go to step 5.



**Journal of Batteries for Renewable Energy and Electric Vehicles (JBREV)** was first published in 2022. The JBREV Journal is devoted to report of new and original research, and topical reviews, on battery material & engineering for energy storage and electric vehicles applications.

The JBREV subject area covers **(1)** Battery Materials Science and Engineering, **(2)** Electric Vehicles, Mechanical, and Electrical Engineering, **(3)** Energy Storage and Power Technology, **(4)** Renewable Energy, Clean Energy, and Energy Conversion.



# Step 2. Fill in the profile form and then click **register**

JBREV

About the Journal

Current

Archives

Editorial Boards

Reviewer

Publication Ethics

Register

Login

Search

Home / Register

Profile

Given Name \*

Moh Wahyu

Family Name \*

Syafiul Mubarak

Affiliation \*

National Battery Research

Country \*

Indonesia

Login

Email \*

wahyu.syafiul@n-bri.org

Username \*

wahyusyafiul

Password \*

.....

Repeat password \*

.....

☒ Yes, I agree to have my data collected and stored according to the [privacy statement](#).

☒ Yes, I would like to be notified of new publications and announcements.

I'm not a robot

reCAPTCHA

Privacy • Terms

Register

Login

JBREV ONLINE SUBMISSION

GUIDELINES FOR AUTHOR

GUIDELINES FOR SUBMISSION

JBREV ARTICLE TEMPLATE

AUTHOR'S FORM

MENDELEY  
Referencing Style Application

turnitin®  
Check Plagiarism

Visitors  
11 1  
6 1  
FLAG Counter

Information

For Readers

For Authors

For Librarians

# Step 3. Check the registered email for account verification

[Register](#)[Login](#)[JBREV](#)[About the Journal](#)[Current](#)[Archives](#)[Editorial Boards](#)[Reviewer](#)[Publication Ethics](#)[Home](#) / [Registration awaiting verification](#)

## Registration awaiting verification

We've sent a confirmation email to you at moh.wahyu.syafiul-2016@fst.unair.ac.id. Please follow the instructions in that email to activate your new account. If you do not see an email, please check to see if it was put in your spam folder.



**JBREV  
ONLINE  
SUBMISSION**



**GUIDELINES  
FOR  
AUTHOR**



**GUIDELINES  
FOR  
SUBMISSION**



**JBREV  
ARTICLE  
TEMPLATE**






**AUTHOR'S  
FORM**

# Step 4. Click the link for account verification

← [Icons] 1 dari 3.742 < >

---

[JBREV] Validate Your Account Eksternal Kotak Masuk x  

 **Prof. Dr. rer. nat. Evvy Kartini** 16.31 (11 menit yang lalu) ☆ ↶ ⋮  
kepada saya ▼  
Moh Wahyu Syafiul Mubarak

You have created an account with JBREV, but before you can start using it, you need to validate your email account. To do this, simply follow the link below:

<https://journal.n-bri.org/index.php/nbri/user/activateUser/wahyusyafiul/g3h4GF>

Thank you,  
Prof. Dr. rer. nat. Evvy Kartini

---

Journal of Batteries for Renewable Energy and Electric Vehicles

↶ Balas ↷ Teruskan

# Congratulations! Your account has been activated. Please login to continue

[Register](#)[Login](#)[JBREV](#)[About the Journal](#)[Current](#)[Archives](#)[Editorial Boards](#)[Reviewer](#)[Publication Ethics](#)[Home](#) /

Thank you for activating your account. You may now log in using the credentials you supplied when you created your account.



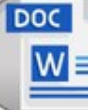
**JBREV  
ONLINE  
SUBMISSION**



**GUIDELINES  
FOR  
AUTHOR**



**GUIDELINES  
FOR  
SUBMISSION**



**JBREV  
ARTICLE  
TEMPLATE**



**AUTHOR'S  
FORM**

# Step 5. Login to your account

[Home](#) / [Login](#)

**Username**

wahyusyafiul

**Password**

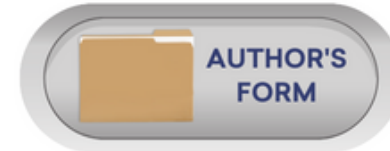
.....

[Forgot your password?](#)

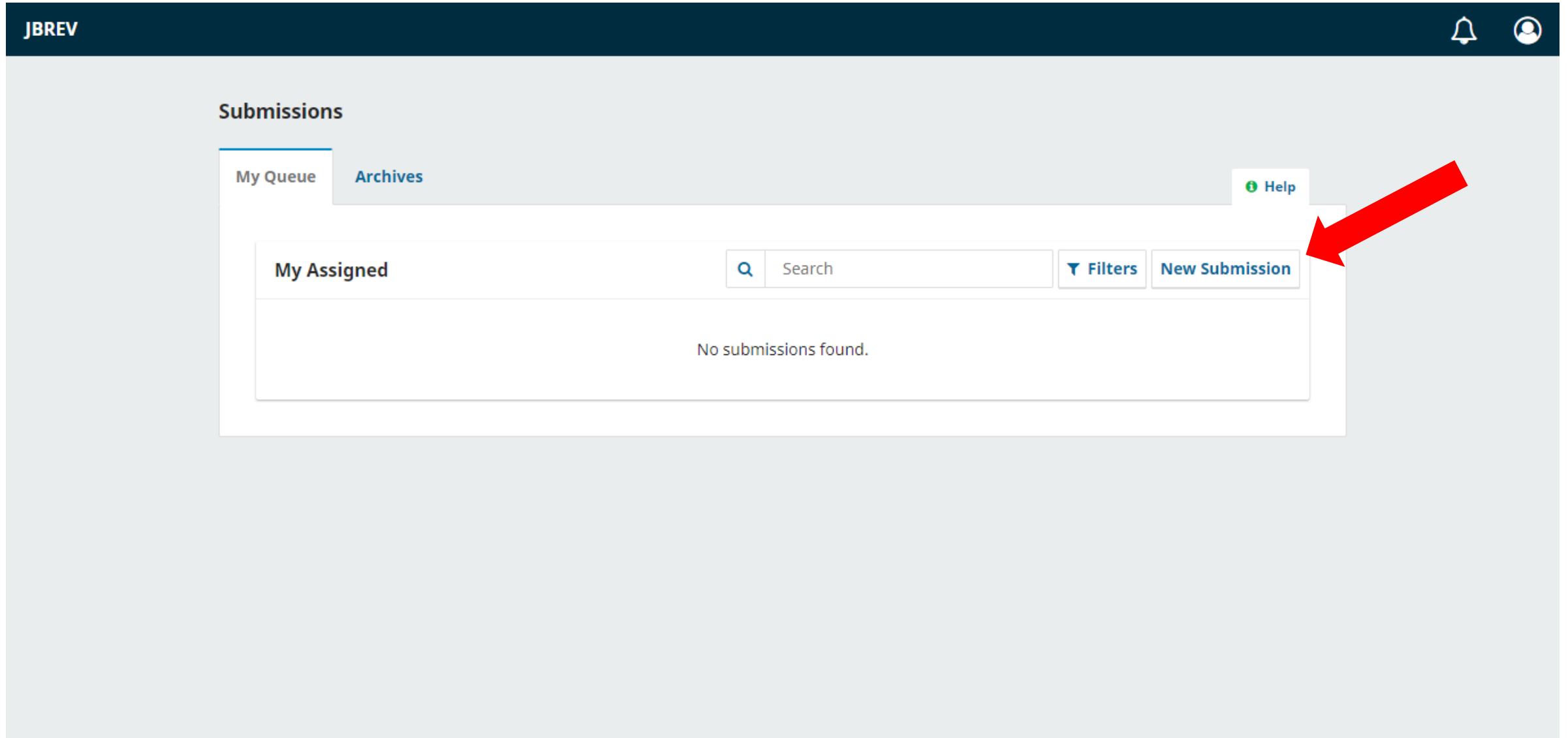
☐ Keep me logged in

Login

Register





# Step 6. Click new submission





# Step 7. Follow the instructions

**JBREV**



[← Back to Submissions](#)

**Submit an Article**

[1. Start](#)[2. Upload Submission](#)[3. Enter Metadata](#)[4. Confirmation](#)[5. Next Steps](#)

**Section Policy**












This section is for academic articles. All submissions undergo a peer-review process. Submissions must comply with submission guidelines.

**Submission Requirements**

You must read and acknowledge that you've completed the requirements below before proceeding.

- ☒ 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.

**Comments for the Editor**



Dear **Editor in Chief**,

Please consider my manuscript with the title "*Ce-Doped NMC 811 Synthesis as Cathode Material*" to be published in the Journal of Batteries for Renewable Energy and Electric Vehicles (JBREV). Because it complies with the JBREV scopes. Can't wait to hear from you soon. Thank you in advance.

☒ Yes, I agree to have my data collected and stored according to the [privacy statement](#).

Save and continue

Cancel

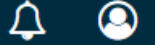
\* Denotes required field

**Checklist all of the submission requirements**

**You can also add notes or comment for the editor, if it necessary**

# Step 8. Upload your manuscript

JBREV



[← Back to Submissions](#)

## Submit an Article

1. Start

2. Upload Submission

3. Enter Metadata

4. Confirmation

5. Next Steps

Files

Add File

Upload any files the editorial team will need to evaluate your submission. [Upload File](#)

Save and continue

Cancel

## Submit an Article

1. Start

2. Upload Submission


3. Enter Metadata

4. Confirmation

5. Next Steps

Files

Add File

 Wahyu Paper.pdf

Article Text

Edit

Remove

Save and continue

Cancel

JBREV

← Back to Submissions

Submit an Article

1. Start

2. Upload Submission

3. Enter Metadata

4. Confirmation

5. Next Steps

Prefix

Examples: A, The

Title \*

Ce-Doped NMC 811 Synthesis as Cathode Material

Subtitle

Abstract \*

B

I

U

X<sup>+</sup>

X<sub>2</sub>

<>

One of the promising solutions for broadening the energy access to the rural area is portable energy storage. Government created an initiative so called Talis (tabung listrik). It is a portable energy storage that stores the electricity from renewable energy microgrid for rural area. Yet the minimum weight of Talis is almost 5 kg and not too suitable for high-mobility. Lithium ion battery with the cathode materials LiNi<sub>0.8</sub>Mn<sub>0.1</sub>Co<sub>0.1</sub>O<sub>2</sub> (NMC 811) becomes a promising solution for tackling those heaviness issue. In addition, it also has a high energy density, but limited capacity degradation at higher rate and longer cycles. The performance improvement is needed to overcome such problem. Doping becomes a well-known method for modifying the crystal structure and increasing the cell performance. The cathode material can potentially be doped by rare earth elements (REE). Cerium is the most favorable material among REE due to its widely used for catalyst and addition in various fields. In fact, Indonesia has an

List of Contributors

Add Contributor

Name	E-mail	Role	Primary Contact	In Browse Lists
▶ Moh Wahyu Syafui Mubarak	moh.wahyu.syafui-2016@fst.unair.ac.id	Author	✓	✓

Additional Refinements

Keywords

Add additional information for your submission. Press 'enter' after each term.

energy storage × NMC 811 × nickel rich × tabung listrik × rare earth elements × cerium × doping ×

References

Cozzi, L. (International E. A. & Gould, T. (International E. A. World Energy Outlook 2021: 1–386 (2021).

International Renewable Energy Agency. 2021 Tracking SDG7: The Energy Progress Report. 176 (2019).


The Ministry of Energy and Mineral Resources (MEMR). Handbook of Energy & Economy Statistics of Indonesia 2020. Book 1–111 (2021).

Schipper, F. et al. Review—Recent Advances and Remaining Challenges for Lithium Ion Battery Cathodes. J. Electrochem. Soc. 164, A6220–A6228 (2017).

Li, T. et al. Degradation Mechanisms and Mitigation Strategies of Nickel-Rich NMC-Based Lithium-Ion Batteries. Electrochemical Energy

Save and continue

Cancel



# Step 10. Confirm your submission



## Submit an Article

1. Start

2. Upload Submission

3. Enter Metadata

4. Confirmation



5. Next Steps

Your submission has been uploaded and is ready to be sent. You may go back to review and adjust any of the information you have entered before continuing. When you are ready, click "Finish Submission".

[Finish Submission](#)

[Cancel](#)

# Congratulations! Your submission is officially completed

**JBREV**

← Back to Submissions

**Submit an Article**

1. Start

2. Upload Submission

3. Enter Metadata

4. Confirmation

5. Next Steps

## Submission complete

Thank you for your interest in publishing with JBREV.

### What Happens Next?

The journal has been notified of your submission, and you've been emailed a confirmation for your records. Once the editor has reviewed the submission, they will contact you.

For now, you can:

- [Review this submission](#)
- [Create a new submission](#)
- [Return to your dashboard](#)

# Also, you may check your inbox for the acknowledgement

[JBREV] Submission Acknowledgement Eksternal Kotak Masuk x



**Prof. Dr. rer. nat. Evvy Kartini**

kepada saya ▾

17.57 (2 menit yang lalu)



Moh Wahyu Syafiul Mubarak:

Thank you for submitting the manuscript, "Ce-Doped NMC 811 Synthesis as Cathode Material" to JBREV. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Submission URL: <https://journal.n-bri.org/index.php/nbri/authorDashboard/submission/2>

Username: wahyusyafiul

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Prof. Dr. rer. nat. Evvy Kartini

---

Journal of Batteries for Renewable Energy and Electric Vehicles

↩ Balas

➡ Teruskan