



Maria Yuliana <mariayuliana@ukwms.ac.id>

Submission Confirmation

1 message

Journal of Environmental Chemical Engineering <em@editorialmanager.com>
Reply-To: Journal of Environmental Chemical Engineering <jece@elsevier.com>
To: Maria Yuliana <mariayuliana@ukwms.ac.id>

Wed, Jan 20, 2021 at 6:29 PM

Ms. Ref. No.:

Title: GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES:
ZERO-WASTE APPROACH
Journal of Environmental Chemical Engineering
Research Paper

Dear Dr. Maria Yuliana,

We have received your article "GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES: ZERO-WASTE APPROACH" for consideration for publication in Journal of Environmental Chemical Engineering.

Your manuscript will be given a reference number once an editor has been assigned.

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Kind regards,

Editorial Manager
Journal of Environmental Chemical Engineering

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Maria Yuliana <mariayuliana@ukwms.ac.id>

Your Submission - JECE-D-21-00488

1 message

Journal of Environmental Chemical Engineering <em@editorialmanager.com>

Wed, Jan 27, 2021 at 9:34 PM

Reply-To: Journal of Environmental Chemical Engineering <jece@elsevier.com>

To: Maria Yuliana <mariayuliana@ukwms.ac.id>

Ms. Ref. No.: JECE-D-21-00488

Title: GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES:
ZERO-WASTE APPROACH

Journal of Environmental Chemical Engineering

Dear Dr. Yuliana,

Thank you for submitting the above paper to Journal of Environmental Chemical Engineering. Your manuscript needs major revisions.

The reviewers comments are included below for your attention. Please carefully address the issues raised in the comments. I invite you to submit your revised manuscript.

The due date for submitting your revised manuscript is Feb 26, 2021

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AND

b) provide a suitable rebuttal to each reviewer comment not addressed

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Highlights consist of a short collection of bullet points that convey the core findings of the article and should be submitted in a separate file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). See the following website for more information <http://www.elsevier.com/highlights>

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I look forward to receiving your revised manuscript.

Yours sincerely,

Guilherme Luiz Dotto, Ph.D
Editor
Journal of Environmental Chemical Engineering

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Reviewers' comments:

Reviewer #1: Even if the work is not completely innovative, undoubtedly this paper is well written and adding important knowledge in the field of adsorption. I think this work is praiseworthy for its rigorous experimental data and wealthy theoretical explanations. But remain some small problems.

Recommendation: Major Revision

My main recommendations are:

1. Graphical abstract is too simple and the author should make readers get more information from it. The quality of the graphic abstract should be improved.
2. Abstract: The main content in the abstract should include important conclusions and shining results of this study, including the representative data, the underlying mechanisms and the future enlightenment, instead of describing the detailed experimental work of this study.
3. The kinetic behavior of the adsorption experiment is a key factor to study the reaction mechanism.
4. The adsorption mechanism should have been accompanied with Zeta potential studies of the adsorbent in solution at different pH, identifying the PZC (point of zero charge).
5. The author should list a table to compare the adsorption effect of materials with other literatures.
6. Authors should provide the regeneration study to show the efficiency of regenerated adsorbent for different cycles, as for the practical application, it is necessary that the adsorbent can be used for the multiple adsorption/desorption cycles.
7. It is suggested that the author add some articles about new adsorption materials in the introduction.
10.1016/j.cej.2019.123711
10.1016/j.clay.2018.12.017
8. Other Problems: (i) the page number of the manuscript should be inserted before submission. (ii) The manuscript source file has line numbers, but the system automatically adds line numbers to the PDF. Please save a version of the file locally that has no line numbers. (iii) The resolution of all pictures should be improved.

Reviewer #2: This report shows the well impurity removal rate from glycerol.
Please check the following points.

In Fig. 1 and Fig.2

Please indicate the same value of vertical axis, therefore, the difference of removal rate is easy to understand.

Line 205 Please explain the reason why 70oC shows irregular trend of adsorption rate.

In Figure 4, please write the scale of photograph in a and b.
Also please write the peak explanations in c.

Line 301, Please show the reason of negative charge or write the reference.

In Figure 5, please write the scale.

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Maria Yuliana <mariayuliana@ukwms.ac.id>

Submission Confirmation for JECE-D-21-00488R1

1 message

Journal of Environmental Chemical Engineering <em@editorialmanager.com>

Tue, Feb 9, 2021 at 5:45 PM

Reply-To: Journal of Environmental Chemical Engineering <jece@elsevier.com>

To: Maria Yuliana <mariayuliana@ukwms.ac.id>

Ms. Ref. No.: JECE-D-21-00488R1

Title: GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES:
ZERO-WASTE APPROACH

Journal of Environmental Chemical Engineering

Research Paper

Dear Dr. Maria Yuliana,

This message is to acknowledge that we have received your revised manuscript for reconsideration for publication in Journal of Environmental Chemical Engineering.

You may check the status of your manuscript by logging into the Editorial Manager as an author at <https://www.editorialmanager.com/jece/>.

Thank you for submitting your work to Journal of Environmental Chemical Engineering.

Kind regards,

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Journal of Environmental Chemical Engineering

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Maria Yuliana <mariayuliana@ukwms.ac.id>

Your Submission - JECE-D-21-00488R1

1 message

Journal of Environmental Chemical Engineering <em@editorialmanager.com>

Mon, Feb 15, 2021 at 9:16 PM

Reply-To: Journal of Environmental Chemical Engineering <jece@elsevier.com>

To: Maria Yuliana <mariayuliana@ukwms.ac.id>

Ms. Ref. No.: JECE-D-21-00488R1

Title: GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES:
ZERO-WASTE APPROACH

Journal of Environmental Chemical Engineering

Dear Dr. Yuliana,

I am pleased to inform you that your manuscript "GLYCEROL PURIFICATION USING REACTIVATED SPENT BLEACHING EARTH FROM PALM OIL REFINERIES: ZERO-WASTE APPROACH" has been accepted for publication in Journal of Environmental Chemical Engineering.

Below are comments from the editor and reviewers.

Once your paper is entered in our Production system, we aim to provide you with a typeset proof within 24 hours.

Thank you for submitting your work to Journal of Environmental Chemical Engineering.

Your accepted manuscript will now be transferred to our production department and work will begin on creation of the proof. If we need any additional information to create the proof, we will let you know. If not, you will be contacted again in the next few days with a request to approve the proof and to complete a number of online forms that are required for publication.

Yours sincerely,

Guilherme Luiz Dotto, Ph.D

Editor

Journal of Environmental Chemical Engineering

Comments from the editors and reviewers:

Reviewer #1: The authors has satisfactorily addressed all the reviewers' comments. The revised manuscript has significantly improved. I recommend accepting the manuscript.

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