Gmail

LILIS HERMIDA <lilis.hermida@eng.unila.ac.id>

A manuscript number has been assigned to Review on large-pore mesostructured cellular foam (MCF) silica and its applications

1 message

Open Chemistry <em@editorialmanager.com> Mon, Aug 20, 2018 at 11:04 PM
Reply-To: Open Chemistry <openchemistry@degruyteropen.com>
To: lilis hermida <lilis.hermida@eng.unila.ac.id>

Dear Dr hermida,

Your submission entitled "Review on large-pore mesostructured cellular foam (MCF) silica and its applications" has been been assigned the following manuscript number: OPENCHEM-D-18-00280.

You will be able to check on the progress of your paper by logging on to Editorial Manager as an author.
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Thank you for submitting your work to this journal.

Kind regards,

Agnieszka Topolska
Managing Editor
Open Chemistry

If you would like your personal information to be removed from the database, please contact the publication office.

Gmail **LILIS HERMIDA <lilis.hermida@eng.unila.ac.id>**

Your Submission

2 messages

Open Chemistry <em@editorialmanager.com> Fri, Nov 16, 2018 at 3:27 AM
Reply-To: Open Chemistry <openchemistry@degruyteropen.com>
To: lilis hermida <lilis.hermida@eng.unila.ac.id>

Ref.: Ms. No. OPENCHEM-D-18-00280
Review on large-pore mesostructured cellular foam (MCF) silica and its applications
Open Chemistry

Dear Dr hermida,

Reviewers have now commented on your paper. You will see that they are advising that you revise your manuscript. If you are prepared to undertake the work required, I would be happy to receive your revised paper.

For your guidance, reviewers' comments are appended below.

If you decide to revise the work, please submit a list of changes or a rebuttal against each point which is being raised when you submit the revised manuscript.

Your revision is due by 2019/01/06.

To submit a revision, go to https://openchem.editorialmanager.com/ and log in as an Author. You will see a menu item call Submission Needing Revision. You will find your submission record there.

Please, submit signed License to Publish with your revision, which can be retrieved from here - https://www.degruyter.com/view/supplement/s23915420_Open_Access_License.pdf

Yours sincerely,
Agnieszka Topolska
Managing Editor
Open Chemistry

Reviewers' comments:

Reviewer #2: This review is about MCF silica and its applications.
Abstract:
- There are some missing commas (arylboronic acid etc).
- The authors talk about some biomolecules (L-tryptophan, bovine serum). In fact, bovine serum is not a biomolecule.

Introduction
- They are some phases difficult to understand like:
"This phenomenon could be due to the pore sizes of the silica supports were too small to integrate higher nickel particles inside their mesoporous channels".
"The discovery of mesostructured cellular foam (MCF) silicas allows a much wider choice of supports to be studied for the catalysts' incorporation."
"Their characteristics make applications of these silicas emerging."
The authors need to restate them.
- change "pore" to "porous" in "interconnect the cells to form a continuos three-dimensional (3D) pore system [12]".
-Some important references are missing along the introduction:
"The large pore sizes admit more favourable conditions for incorporation of active sites of catalysts or enzymes. REF They reduce diffusional restriction of reactants or substrates, and enables reactions involving bulky molecules to occur. REF The MCF silicas also have ultra-large pore sizes within the continuous 3D pore system. REF Functionalizations of the MCF silicas are possible as well since they exhibit very similar chemical properties to the MCM-41 and SBA-15. REF They are hydrothermal robust materials. REF

2. Synthesis and Formation

-Change "Addition of TMB plays AN important role in determining the final structure of the mesoporous silicas. It was found that the SBA-type materials were still formed at ratio of TMB/P123 less than 0.2. At the ratio of TMB/P123 in the range of 0.2-0.3, mixed phase silicas in the form of SBA-15 and MCF were formed. The SILICA PHASE of MCF type materials"

3. MCM Silica in Chemical Catalyses
- Add important references:
"Disposal of hazardous wastes created by modern chemical industry is governed by strict environmental regulations and public legislation.REF Restrictions on the use of conventional homogeneous catalytic processes are increasing since they create inherent problems such as costs, separation, handling, waste disposal, etc.REF"
"MCF silica was found to be promising as catalyst support for a variety of catalytic applications such as hydrogenation, coupling, dehydrogenation, oxidation, deoxygenation, decomposition and photocatalytic hydroxylation.REF"

- Add some more details in this part:
"Ligand or binding sites can be derived from 3-aminopropyltrimethoxysilane (APTMS), 3-ureidopropyl trimethoxysilane (UPTMS), 3-mercaptopropyl trimethoxysilane (MPTMS) etc. Impregnation method involved slurrying the MCF in an aqueous solution of metal salt at room temperature for a certain time [19]. Deposition-precipitation method involves the conversion of a highly soluble metal precursor into another substance which specifically precipitates onto a support and not in solution [20]."

4. MCF Silica in Enzymatic Reactions
- Add reference:
"Although enzymatic bioprocesses have the major advantages of high selectivity and yield compared to chemical synthesis routes, high cost of enzymes is the main problem for them to be industrially feasible."

Reviewer #4: Since the manuscript is a review, It is better to deliver with recent references, close to the the year of the manuscript submitted. In the manuscript the the recent references related with the topic is in the year of 2012. What is the progress of synthesis and modification of mesostructured cellular foam (MCF) silica to produce catalysts, adsorbents and enzymes after that year?

_____

L Hermida <lilis.hermida@eng.unila.ac.id> Sun, Dec 9, 2018 at 8:32 PM
To: JONI AGUSTIAN <joni.agustian@eng.unila.ac.id>

Yours sincerely

Dr. Lilis Hermida,
Senior Lecturer,
Department of Chemical Engineering, Universitas Lampung, Indonesia
E-mail: lilis.hermida@eng.unila.ac.id
lilish60@gmail.com

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Gmail **LILIS HERMIDA <lilis.hermida@eng.unila.ac.id>**

Your Submission

Open Chemistry <em@editorialmanager.com> Sun, Feb 17, 2019 at 12:24 AM
Reply-To: Open Chemistry <agnieszka.topolska@degruyter.com>
To: lilis hermida <lilis.hermida@eng.unila.ac.id>

Ref.: Ms. No. OPENCHEM-D-18-00280R1
Review on large-pore mesostructured cellular foam (MCF) silica and its applications
Open Chemistry

Dear Dr hermida,

Reviewers have now commented on your paper. You will see that they are advising that you revise your manuscript. If you are prepared to undertake the work required, I would be happy to receive your revised paper.

For your guidance, reviewers' comments are appended below.

If you decide to revise the work, please submit a list of changes or a rebuttal against each point which is being raised when you submit the revised manuscript.

Your revision is due by 2019/03/17.

To submit a revision, go to https://www.editorialmanager.com/openchem/ and log in as an Author. You will see a menu item call Submission Needing Revision. You will find your submission record there.

Please, submit signed License to Publish with your revision, which can be retrieved from here - https://www.degruyter.com/view/supplement/s23915420_Open_Access_License.pdf

Yours sincerely,
Agnieszka Topolska
Managing Editor
Open Chemistry

Reviewers' comments:

Reviewer #2: The authors have performed all the proposed modifications.
However, there are some points that can be improved:
- Abbreviations. As there are many abbreviations during the text, the author may add an abbreviations section before the introduction.
- Section 3. It seems that there is a missing reference in line 4 (Restrictions on the use of conventional homogeneous catalytic processes are increasing since they create inherent problems such as costs, separation, handling, waste disposal, etc [3,].)
- Section 3: Can the authors improve this sentence, it is difficult to understand: "The highest product selectivity (88%) at phenylacetylene conversion of 100 % can be achieved in the hydrogenation of phenylacetylene using the catalyst."
- Section 4: Can the authors improve this sentence, it is difficult to understand: "Adsorption of enzymes is the simplest enzymes immobilization method in which further treatment of porous inorganic supports before the immobilization process is not required [52,53]."

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Gmail **LILIS HERMIDA <lilis.hermida@eng.unila.ac.id>**

Your Submission OPENCHEM-D-18-00280R2 - Open Chemistry

3 messages

Open Chemistry <em@editorialmanager.com> Thu, Jun 13, 2019 at 11:25 PM
Reply-To: Open Chemistry <agnieszka.topolska@degruyter.com>
To: lilis hermida <lilis.hermida@eng.unila.ac.id>

Ref.: Ms. No. OPENCHEM-D-18-00280R2
Review on large-pore mesostructured cellular foam (MCF) silica and its applications
Open Chemistry

Dear Dr hermida,

I am pleased to tell you that your work has now been accepted for publication in Open Chemistry.

In order to proceed with your publication I would like to remind you that we charge a publication fee - the APC is 300 EUR plus VAT (if applicable), plus money transfer charges. Discount code will be sent to you asap.

Thank you for submitting your work to this journal.

With kind regards

Agnieszka Topolska
Managing Editor
Open Chemistry

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In compliance with data protection regulations, you may request that we remove your personal registration details at any time. (Use the following URL: https://www.editorialmanager.com/openchem/login.asp?a=r). Please contact the publication office if you have any questions.

L Hermida <lilis.hermida@eng.unila.ac.id> Sat, Jun 22, 2019 at 10:44 PM
To: Open Chemistry <agnieszka.topolska@degruyter.com>

Dear Dr. Topolska

I want to pay article processing fee for my article that has been accepted for publication in Open Chemistry . As a publication fee that I have to pay is 300 EUR, I need the discount code .
Please sent me the code

Yours sincerely

Dr. Lilis Hermida,
Senior Lecturer,
Department of Chemical Engineering, Universitas Lampung, Indonesia
E-mail: lilis.hermida@eng.unila.ac.id
lilish60@gmail.com

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Topolska, Agnieszka <Agnieszka.Topolska@degruyter.com> Sat, Jun 22, 2019 at 11:16 PM
To: L Hermida <lilis.hermida@eng.unila.ac.id>

Dear Dr Hermida,

Thank you for your email. Of course, please find your discount code:

JVLJOI8YE74WJ67XS5W1

Best regards,
Agnieszka

Agnieszka Topolska, PhD

Managing Editor

Open Chemistry

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