Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Submission Received

1 pesan

Editorial Office <catalysts@mdpi.com> 19 Oktober 2022 09.27
Balas Ke: catalysts@mdpi.com
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>

Dear Dr. Hasanudin,

Thank you very much for uploading the following manuscript to the MDPI submission system. One of our editors will be in touch with you soon.

Journal name: Catalysts
Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

You can follow progress of your manuscript at the following link (login required):
https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

The following points were confirmed during submission:

1. Catalysts is an open access journal with publishing fees of 2200 CHF for an accepted paper (see https://www.mdpi.com/about/apc/ for details). This manuscript, if accepted, will be published under an open access Creative Commons CC BY license (https://creativecommons.org/licenses/by/4.0/), and I agree to pay the Article Processing Charges as described on the journal webpage (https://www.mdpi.com/journal/catalysts/apc). See https://www.mdpi.com/about/openaccess for more information about open access publishing.

Please note that you may be entitled to a discount if you have previously received a discount code or if your institute is participating in the MDPI Institutional Open Access Program (IOAP), for more information see https://www.mdpi.com/about/ioap. If you have been granted any other special discounts for your submission, please contact the Catalysts editorial office.

2. I understand that:

a. If previously published material is reproduced in my manuscript, I will provide proof that I have obtained the necessary copyright permission. (Please refer to the Rights & Permissions website: https://www.mdpi.com/authors/rights).

b. My manuscript is submitted on the understanding that it has not been published in or submitted to another peer-reviewed journal. Exceptions to this rule are papers containing material disclosed at conferences. I confirm that I will inform the journal editorial office if this is the case for my manuscript. I confirm that all authors are familiar with and agree with submission of the contents of the manuscript. The journal editorial office reserves the right to contact all authors to confirm this in case of doubt. I will provide email addresses for all authors and an institutional e-mail address for at least one of the co-authors, and specify the name, address and e-mail for invoicing purposes.

If you have any questions, please do not hesitate to contact the Catalysts editorial office at catalysts@mdpi.com

Kind regards,
Catalysts Editorial Office
St. Alban-Anlage 66, 4052 Basel, Switzerland
E-Mail: catalysts@mdpi.com
Tel. +41 61 683 77 34
Fax: +41 61 302 89 18

*** This is an automatically generated email ***

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Assistant Editor Assigned

1 pesan

Andrijana Subotin <subotin@mdpi.com> 19 Oktober 2022 16.55
Balas Ke: subotin@mdpi.com
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Andrijana Subotin <subotin@mdpi.com>, Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>, Catalysts Editorial Office <catalysts@mdpi.com>

Dear Dr. Hasanudin,

Your paper has been assigned to Andrijana Subotin, who will be your main point of contact as your paper is processed further.

Journal: Catalysts
Manuscript ID: catalysts-2008830
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado

Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

You can find it here:
https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

Best regards,
Ms. Andrijana Subotin
Section Managing Editor
E-Mail: subotin@mdpi.com

Free to Read Highly Cited Papers from /Catalysts/ (IF 4.501):

1. A CeO2 Semiconductor as a Photocatalytic and Photoelectrocatalytic Material for the Remediation of Pollutants in Industrial Wastewater: A Review

http://www.mdpi.com/2073-4344/10/12/1435
2. New Trends in the Conversion of CO2 to Cyclic Carbonates
http://www.mdpi.com/2073-4344/10/5/479
3. The Catalytic Activity of Biosynthesized Magnesium Oxide Nanoparticles (MgO-NPs) for Inhibiting the Growth of Pathogenic Microbes, Tanning Effluent Treatment, and Chromium Ion Removal
http://www.mdpi.com/2073-4344/11/7/821
4. Recent Advances in Niobium-Based Materials for Photocatalytic Solar Fuel Production
http://www.mdpi.com/2073-4344/10/1/126

MDPI Branch Office, Novi Sad

Bulevar oslobođenja 83
21000 Novi Sad, Serbia
Tel. +381 21 300 14 49

--
MDPI
Catalysts Editorial Office
St. Alban-Anlage 66, 4052 Basel, Switzerland
E-Mail: catalysts@mdpi.com
http://www.mdpi.com/journal/catalysts

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Acknowledgement - Article Processing Charge Confirmation Received

1 pesan

catalysts@mdpi.com <catalysts@mdpi.com> 25 Oktober 2022 13.24
Balas Ke: subotin@mdpi.com
Kepada: hasanudin@mipa.unsri.ac.id
Cc: hasanudin@mipa.unsri.ac.id, catalysts@mdpi.com, subotin@mdpi.com

Dear Dr. Hasanudin,

Thank you very much for your confirmation of the Article Processing Charge of 2200 CHF for the following manuscript:

Journal name: Catalysts
Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

Please note that the invoice will be sent to the below address immediately after your paper is accepted.

Name:Hasanudin Hasanudin
Address:Dr. Hasanudin Hasanudin
Universitas Sriwijaya
Department of Chemistry, Faculty of Mathematics and Natural Science
Inderalaya 30662, South Sumatra, Indonesia
30662 Inderalaya
Indonesia
E-Mail:hasanudin@mipa.unsri.ac.id

Changes to the invoice, including the addition of new vouchers, are not possible after paper acceptance.
If any of the above information is incorrect, please let us know as soon as possible.

Kind regards,
Catalysts Editorial Office
Postfach, CH-4020 Basel, Switzerland
Office: St. Alban-Anlage 66, CH-4052 Basel
Tel. +41 61 683 77 34 (office)
E-mail: catalysts@mdpi.com
https://www.mdpi.com/journal/catalysts/

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Major Revisions

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 7 November 2022 17.28
Balas Ke: subotin@mdpi.com
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>, Catalysts Editorial Office <catalysts@mdpi.com>

Dear Dr. Hasanudin,

Thank you again for your manuscript submission:

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

Your manuscript has now been reviewed by experts in the field. Please find your manuscript with the referee reports at this link:

https://susy.mdpi.com/user/manuscripts/resubmit/82220615a2f7ca20ccfd573bf623e05b

Please revise the manuscript according to the referees' comments and upload the revised file within 10 days.

Please use the version of your manuscript found at the above link for your revisions.

(I) Please check that all references are relevant to the contents of the manuscript.
(II) Any revisions to the manuscript should be marked up using the “Track Changes” function if you are using MS Word/LaTeX, such that any changes can be easily viewed by the editors and reviewers.
(III) Please provide a cover letter to explain, point by point, the details of the revisions to the manuscript and your responses to the referees’ comments.
(IV) If you found it impossible to address certain comments in the review reports, please include an explanation in your appeal.
(V) The revised version will be sent to the editors and reviewers.

If one of the referees has suggested that your manuscript should undergo extensive English revisions, please address this issue during revision. We propose that you use one of the editing services listed at https://www.mdpi.com/authors/english or have your manuscript checked by a native English-speaking colleague.

Do not hesitate to contact us if you have any questions regarding the revision of your manuscript. We look forward to hearing from you soon.

Kind regards,
Ms. Andrijana Subotin
Section Managing Editor
E-Mail: subotin@mdpi.com

Free to Read Highly Cited Papers from /Catalysts/ (IF 4.501):

1. Electrochemical CO2 Reduction to CO Catalyzed by 2D Nanostructures
http://www.mdpi.com/2073-4344/10/1/98
2. Photophysics and Photochemistry of Iron Carbene Complexes for Solar Energy Conversion and Photocatalysis
http://www.mdpi.com/2073-4344/10/3/315
3. The Immobilization of Lipases on Porous Support by Adsorption and Hydrophobic Interaction Method
http://www.mdpi.com/2073-4344/10/7/744
4. Main Hydrogen Production Processes: An Overview
http://www.mdpi.com/2073-4344/11/5/547
5. Photosensitive Hybrid Nanostructured Materials: The Big Challenges for Sunlight Capture
http://www.mdpi.com/2073-4344/10/1/103

MDPI Branch Office, Novi Sad
Bulevar oslobođenja 83
21000 Novi Sad, Serbia
Tel. +381 21 300 14 49

--
MDPI
Catalysts Editorial Office
St. Alban-Anlage 66, 4052 Basel, Switzerland
E-Mail: catalysts@mdpi.com
http://www.mdpi.com/journal/catalysts

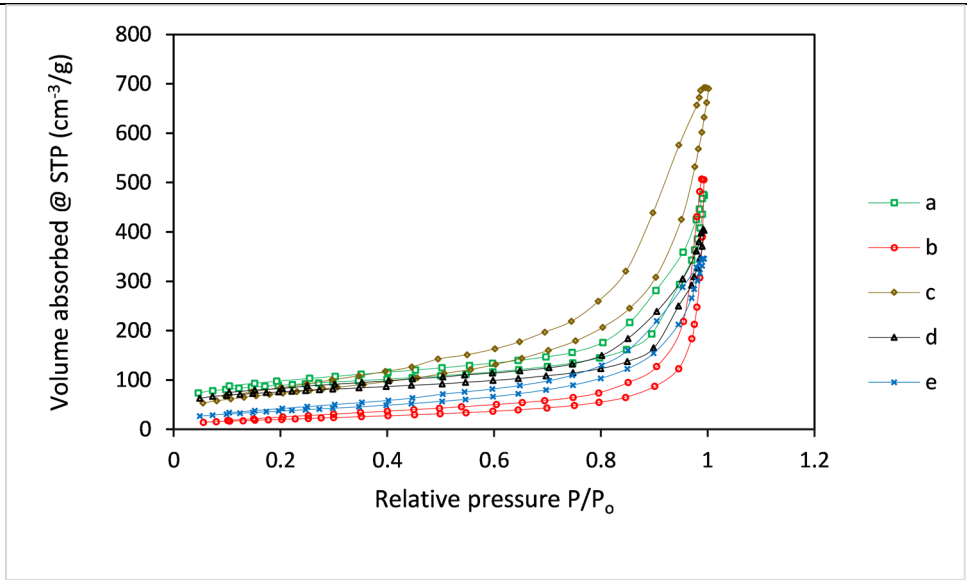
Title : Facile Fabrication of SiO_2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking Manuscript ID : catalysts-2008830 Authors : Hasanudin Hasanudin * , Wan Ryan Asri , Zainal Fanani , Selvi Julpani Adisti , Fitri Hadiah , Roni Maryana , Muhammad Al Muttaqii , Zongyuan Zhu , Nelio Teixeira Machado		
	Thank you for giving us the opportunity to submit a manuscript titled "Facile Fabrication of SiO_2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking" for publication in the Catalysts. We appreciate the time and effort that you dedicated to providing feedback on our manuscript and are grateful for the insightful comments and valuable improvements to our paper. We have incorporated the suggestions made by the reviewers. Those changes are written in yellow highlight text within the manuscript.	
	Reviewer 1 In this manuscript, the authors tried to report a new type of crude palm oil to biofuels through catalytic hydrocracking processes was an attractive technological route to produce biofuels. In this work, high biofuel yields were obtained from crude palm oil over SiO2/Zr-CEDTA catalysts. Therefore, this manuscript is proposed to be accepted, after revising the following question.	
No	Comment from Reviewer	Responses
1	Please clearly illustrate the novelty of present work in introduction section	Thank you for pointing this out. According to the literature review, the modification of SiO_2/Zr using several techniques, such as templating and chelating methods, and comparing their respective effects on the catalytic activity of hydrocracking, have not been studied yet. In this study, particulary, our novelty is employing the EDTA species as a chelating and templating agent for synthesizing SiO2/Zr. The use of EDTA has the potential as a SiO_2 template or chelating agent, considering that these species are capable of complex binding to zirconium, and calcination at high temperatures will cause EDTA to be

		removed, allowing changes in the physicochemical properties of SiO_2/Zr. This condition inherently affects the catalytic activity toward CPO hydrocracking. The revised text as follows: "The modification of SiO_2/Zr using several techniques, such as templating and chelating methods, and comparing their respective effects on the catalytic activity of hydrocracking, have not been studied yet. Furthermore, neither exploration nor report has been made for fabricating the SiO_2/Zr using an EDTA species as chelating and templating agents."
2	Figure 1, Could you please summarize the meaning of the peak intensity and peak position in the XRD pattern?	Thank you for pointing this out. In brief, based on the XRD analysis, we have shown that the chelating and templating methods using EDTA affected the crystal structural properties of the SiO_2/Zr catalyst, in which the chelating method caused the catalyst to be amorphous, whereas the templating method promoting the amorphous structure of the catalyst to be crystalline, as justified by their two theta peaks. Moreover, the Zr phases were observed along with SiO_2 phases, both for SiO_2/Zr as well as for SiO_2/Zr-TEDTA (prepared by the templating method), which indicated that the SiO_2/Zr were successfully synthesized. Meanwhile, the SiO_2/Zr-CEDTA (prepared by the chelating method) revealed that none of the Zr phases were observed, which suggested that the Zr species was finely dispersed towards SiO_2 support. Other studies also reported similar results, as written in the manuscript. We hope this explanation could satisfy the reviewer's comments.
3	More details of how to use the Scherrer Equation to obtain the average metal-crystal size should be presented, for example, which peaks were	Thank you for pointing this out. We want to clarify that we could not calculate the average metal-crystal size using the Scherrer Equation. In this manuscript, we calculate the average particle size distribution of the catalyst using the Horiba Partica LA-960 equipped with a static light scattering method rather than exploring the crystalline size of the catalyst. This aspect noted that the modification of SiO_2/Zr affects the average particle size distribution of the catalyst. In the context of hydrocracking, the particle size

	chosen to calculate the crystal size of which crystal phases.	distribution effect was dominant compared with their crystalline size. However, it would have been interesting to explore this aspect in our further study.
4	Figure 2, Could you please summarize the meaning of the wavelength peak in the FTIR spectra?	Thank you for pointing this out. Briefly, our FTIR analysis showed the existence of the functional groups of SiO_2, which indicated that the SiO_2 had been successfully prepared. The functional groups of Zr were relatively undistinguishable, presumably because of the intensive band of silanol groups, thus overlapping the zirconia groups bands. Since catalysts involved the same functional groups, there was no appreciable peak change of SiO_2/Zr prepared by the chelate method compared with the parent SiO_2/Zr catalysts, whereas a slightly different absorption band at a low wavelength was observed when the template method was employed. This condition suggested that the template and chelate methods affected how the functional groups of silanol, as well as zirconia groups, bonded in the SiO_2/Zr catalyst.
5	How to measure the acidity concentration of the catalyst?	Thank you for pointing this out. The acidity value of the catalyst was determined by the gravimetric method, as reported by several studies [1,2]. Prior to catalyst saturation by probes, the desiccator was vacuumed. The total, surface, and pore acidity were determined according to the following equations: Total acidity (mmol NH_3/g) = $\frac{W_2-W_1}{(W_1-W_0)\times MW\ NH_3}$ (1) Surface acidity (mmol pyridine/g) = $\frac{W_2-W_1}{(W_1-W_0)\times MW\ pyridine}$ (2) Pore acidity (mmol/g) = Total acidity-Surface acidity (3) Where W_0 and W_1 are the mass of the porcelain container and porcelain container+sampel, whereas the W_2 is the mass of porcelain container+sampel after the absorption of probe, the MW is denoted as the molecular weight of the corresponding probes.

		Since these equations are well reported, to simplify the manuscript, we have added citations regarding the measurement of the acidity value of the catalyst in the manuscript. The revised text as follows: "The total and surface acidity were determined using the gravimetric method with pyridine and ammonia as a probe [74]," References: 1. Aziz, I.T.A.; Saputri, W.D.; Trisunaryanti, W.; Sudiono, S.; Syoufian, A.; Budiman, A.; Wijaya, K. Synthesis of Nickel-Loaded Sulfated Zirconia Catalyst and Its Application for Converting Used Palm Cooking Oil to Gasoline via Hydrocracking Process. *Period. Polytech. Chem. Eng.* **2022**, *66*, 101–113, doi:10.3311/PPch.18209. 2. Marsuki, M.F.; Trisunaryanti, W.; Falah, I.I.; Wijaya, K. Synthesis of Co, Mo, Co-Mo and Mo-Co Catalysts, Supported on Mesoporous Silica-Alumina for Hydrocracking of a-Cellulose Pyrolysis Oil. *Orient. J. Chem.* **2018**, *34*, 955–962, doi:10.13005/ojc/340245.
6	In stability experiments, how to determine the amount of acidic sites for reused catalysts in order to evaluate the probable leaching of active acidic sites during catalytic experiment. Did the try to activate the catalyst?	Thank you for pointing this out. In this study, we have activated the spent catalyst using heat treatment through re-calcination (to oxidize the coke) and re-reduction (to produce the active metal site) methods, with the same temperature described in the experimental section. The catalyst probably occurred due to the fouling and coke formation. The acidic site of the reused catalysts might be gradually decreased at a three consecutive run. The acidity value of reused catalysts can be calculated by the gravimetric method. However, we did not determine the acidity value of the spent catalyst. It would be interesting to explore this aspect in our further study.
7	More characterization of catalyst such as BET surface, Sorption isotherm and XPS	Thank you for pointing this out. We have added the BET surface and the sorption isotherm. Regarding the XPS analysis, exploring this aspect would have been interesting. However, this instrumentation was

	analysis are required. [BET surface and Sorption isotherm is used technique to obtain surface area and porous properties. X-ray photoelectron spectroscopy (XPS) is a widely used technique to obtain surface elemental composition].	not available in Indonesia, and it would take time to send the sample outside of the country. We have provided the EDX-mapping analysis to evaluate the elemental composition of the catalyst. The revised text as follows: "The N_2 physisorption of SiO_2, SiO_2/Zr, and their modification using chelate and template methods are presented in Figure 5. Based on the IUPAC categorization, it was readily apparent that all the catalysts had a type IV isotherm with a hysteresis loop of type H4, which suggested that the catalysts were mesoporous. Furthermore, the H4 hysteresis loop was related to the micropores with narrow slits feature [56]."



"**Figure 5**. N_2 physorptions of (a) SiO_2 (b) SiO_2/Zr (c) SiO_2-TEDTA (d) SiO_2/Zr-TEDTA (e) SiO_2/Zr-CEDTA"

"The textural features of all catalysts are shown in Table 2. The surface area of SiO_2 significantly decreased after being loaded by the Zr species, presumably due to the pore blocking of Zr species [61]. It can be seen that the SiO_2/Zr-KEDTA and SiO_2/Zr-CEDTA had higher surface area compared with the parent SiO_2/Zr catalyst, whereas the SiO_2 prepared by the template method relatively decreased the surface area of the catalyst but increased the total pore volume as well as the average pore radius of the catalysts. This condition indicated that the template and chelate method affected the textural properties of catalysts. The porous structure generated by the EDTA template method enhanced the pore volume of catalysts, whereas the EDTA chelate method reduced the total pore volume of SiO_2/Zr-CEDTA."

Table 2. Textural features of catalysts

Catalyst	Surface area (m^2/g)	Total pore volume (cm^3/g)	Average pore radius (Å)
SIO2	294	0.73	49.76
SIO2/Zr	76.43	0.78	20.48
SIO2-TEDTA	268	0.81	60.44
SIO2/Zr-TEDTA	220.5	0.83	75.37
SIO2/Zr-CEDTA	134	0.53	79.58

Title : Facile Fabrication of SiO_2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking Manuscript ID : catalysts-2008830 Authors : Hasanudin Hasanudin * , Wan Ryan Asri , Zainal Fanani , Selvi Julpani Adisti , Fitri Hadiah , Roni Maryana , Muhammad Al Muttaqii , Zongyuan Zhu , Nelio Teixeira Machado		
	Thank you for giving us the opportunity to submit a manuscript titled "Facile Fabrication of SiO_2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking" for publication in the Catalysts. We appreciate the time and effort that you dedicated to providing feedback on our manuscript and are grateful for the insightful comments and valuable improvements to our paper. We have incorporated the suggestions made by the reviewers. Those changes are written in yellow highlight text within the manuscript.	
	Reviewer 2 Below are a few comments that can help the authors improve their manuscript:	
No	Comment from Reviewer	Responses
1	Introduction is way too long. It can be made more concise.	Thank you for pointing this out. We have reduced the text in the introduction section.
2	Overall structure. Unless it is a journal requirement, the experimental methods usually come before the results. I had a hard time trying to understand the results without knowing first how things were done.	The results and discussion come before the methods, as appeared in the catalysts' manuscript template. We have also followed the catalysts guideline of the authors.
3	Hydrocracking experiments. The temperature used was way too high and this could have been the	Thank you for pointing this out. We have agreed with the reviewer high temperatures could generate a high gas yield, and we have incorporated it throught the manuscript.

	reason behind such high gas yields (Table 3). This could also explain why the catalyst lost so much activity after 3 runs (Table 5), since coke formation at 500C would be really high. This is really my biggest issue with this study, I would have expected temperatures of 400C or below for palm oil.	In this study, we did not vary the temperature since we focused on the preliminary study regarding the preparation and modification of SiO_2/Zr and their potential for hydrocracking reactions. However, in the next study, we would optimize the hydrocracking condition, such as temperature, catalyst weight, H_2 flow rate, and so forth, to get an optimum result with low gas yield. The revised text as follows: "Based on Table 3, all catalysts relatively generated high yields due to high-temperature hydrocracking"
4	Test results missing. There are some details of the results that are missing. For example, authors don't explain in Table 3 what the gas and residue products are constituted of. Likewise, hydrogen consumption is not reported. This is a key process parameter that impacts economics and energy intensity	Thank you for pointing this out. The gas product commonly consists of the uncondensable gas such as CO, CO_2, and other C_1-C_5 hydrocarbons, but we cannot provide the exact constituent of the gas product since we did not analyze the gas product through GCMS. The residue consisted of unreacted triglyceride. Regarding hydrogen consumption, we cannot calculate this parameter since we did not trap the gas and just released it out of the system. However, exploring this aspect in the other study is very interesting and necessary. The revised text as follows: "The gas product commonly consists of the uncondensable gas such as CO, CO_2, and other C_1-C_5 hydrocarbons" "Based on Table 4, the residue yield of the hydrocracking process for all catalysts ranges from 10.04-28.58%. The residue product consists of the unreacted triglyceride, and the lowest residue yield (10.04%) was achieved by the SIO_2/Zr-CEDTA, which suggested that the SIO_2/Zr prepared by the chelate method was the most effective for CPO hydrocracking compared with other prepared catalysts."
5	Authors did not explained what happened with the oxygen in the feed. Did turn into gas or water? If so, how much of each.	Thank you for pointing this out. In this study, we used triglyceride as feedstock which consisted of oxygen-containing compounds. After the hydrocracking process, the oxygen-containing compounds would turn into CO2 and CO gas, and we did not analyze it quantitatively since the product gas was not trapped. The oxygen-containing compounds such as 1-Octanol, 2-butyl-, Cyclohexanol, and so forth were also observed according to the GCMS analysis.

6	The discussion on the effect of catalyst composition and prep method on product distribution (Table 4) is not satisfactory. Authors briefly mention diffusivity, but they should have looked at reaction mechanisms of hydrocracking and from there explain the observed trends.	Thank you for pointing this out. We have revised the text as suggested by the reviewer. The revised text as follows: "During the CPO hydrocracking process, triglycerides and hydrogen gas diffused to the surface or pores of the catalyst and were followed by adsorption to the active site of the catalyst. This step would crack the triglycerides into carbon atoms with lower chains forming the biofuel fraction and some gases. After that, the product was desorbed from the surface of the catalyst and subjected to diffusion into the gas phase."

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Manuscript Resubmitted

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 10 November 2022 19.56
Balas Ke: Andrijana Subotin <subotin@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>

Dear Dr. Hasanudin,

Thank you very much for resubmitting the modified version of the following manuscript:

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

A member of the editorial office will be in touch with you soon regarding progress of the manuscript.

Kind regards,
Catalysts Editorial Office
Postfach, CH-4020 Basel, Switzerland
Office: St. Alban-Anlage 66, CH-4052 Basel
Tel. +41 61 683 77 34 (office)
E-mail: catalysts@mdpi.com
https://www.mdpi.com/journal/catalysts/

*** This is an automatically generated email ***

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Revised Version Received

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 10 November 2022 20.03
Balas Ke: subotin@mdpi.com
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>, Catalysts Editorial Office <catalysts@mdpi.com>

Dear Dr. Hasanudin,

Thank you very much for providing the revised version of your paper:

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

We will continue processing your paper and will keep you informed about the status of your submission.

Kind regards,
Ms. Andrijana Subotin
Section Managing Editor
E-Mail: subotin@mdpi.com

Free to Read Highly Cited Papers from /Catalysts/ (IF 4.501):

1. Electrochemical CO2 Reduction to CO Catalyzed by 2D Nanostructures
http://www.mdpi.com/2073-4344/10/1/98
2. Photophysics and Photochemistry of Iron Carbene Complexes for Solar Energy Conversion and Photocatalysis
http://www.mdpi.com/2073-4344/10/3/315
3. The Immobilization of Lipases on Porous Support by Adsorption and Hydrophobic Interaction Method
http://www.mdpi.com/2073-4344/10/7/744
4. Main Hydrogen Production Processes: An Overview
http://www.mdpi.com/2073-4344/11/5/547
5. Photosensitive Hybrid Nanostructured Materials: The Big Challenges for Sunlight Capture
http://www.mdpi.com/2073-4344/10/1/103

MDPI Branch Office, Novi Sad
Bulevar oslobođenja 83
21000 Novi Sad, Serbia
Tel. +381 21 300 14 49

--
MDPI
Catalysts Editorial Office
St. Alban-Anlage 66, 4052 Basel, Switzerland
E-Mail: catalysts@mdpi.com
http://www.mdpi.com/journal/catalysts

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Accepted for Publication

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 21 November 2022 17.59
Balas Ke: Andrijana Subotin <subotin@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>, Catalysts Editorial Office <catalysts@mdpi.com>, Andrijana Subotin <subotin@mdpi.com>

Dear Dr. Hasanudin,

Congratulations on the acceptance of your manuscript, and thank you for submitting your work to Catalysts:

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

We will now edit and finalize your paper, which will then be returned to you for your approval. Within the next couple of days, an invoice concerning the article processing charge (APC) for publication in this open access journal will be sent by email from the Editorial Office in Basel, Switzerland.

If, however, extensive English edits are required to your manuscript, we will need to return the paper requesting improvements throughout.

We encourage you to set up your profile at SciProfiles.com, MDPI's researcher network platform. Articles you publish with MDPI will be linked to your SciProfiles page, where colleagues and peers will be able to see all of your publications, citations, as well as other academic contributions.

We also invite you to contribute to Encyclopedia (https://encyclopedia.pub), a scholarly platform providing accurate information about the latest research results. You can adapt parts of your paper to provide valuable reference information, via Encyclopedia, for others both within the field and beyond.

Kind regards,
Keith Hohn
Editor-in-Chief

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - APC Invoice

1 pesan

MDPI Billing <billing@mdpi.com> 21 November 2022 18.59
Balas Ke: billing@mdpi.com
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Andrijana Subotin <subotin@mdpi.com>, Billing Dpt <billing@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>

Dear Dr. Hasanudin,

Please find attached the invoice for your recently accepted paper. Follow this link to adjust the currency, change the address, or add comments, as necessary:
https://susy.mdpi.com/user/manuscript/82220615a2f7ca20ccfd573bf623e05b/invoice/1946854.

For immediate payment by credit card, visit https://payment.mdpi.com/1946854.

If you would like to use a different method of payment, click here: https://www.mdpi.com/about/payment. Please include the invoice ID (catalysts-2008830) as reference in any transaction.

APC invoice amount: 2200.00 CHF
Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br

We will publish your accepted paper in open access format immediately upon receipt of the article processing charge (APC) and completion of the editing process.

If you encounter any problems revising the invoice or cannot access the link, please contact invoices@mdpi.com

Only official emails sent by MDPI (@mdpi.com) are valid. Please check that the sender's email is affiliated with @mdpi.com. We do not authorise any third party to provide email services. MDPI is the sole service provider, and therefore cannot be held liable for actions performed by any third party.

Thank you very much for your support of open access publishing.

Kind regards,
MDPI Billing Team

MDPI
St. Alban-Anlage 66
4052 Basel, Switzerland
Tel. +41 61 683 77 35; Fax +41 61 302 89 18

E-mail Accounting: billing@mdpi.com
http://www.mdpi.com/
https://www.mdpi.com/about/apc_faq

Invoice_MDPI_catalysts-2008830_2200.00CHF.pdf
31K

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

APC confirmation Manuscript ID: catalysts-2008830 Invoice number: 2008830

3 pesan

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id> 22 November 2022 15.36
Kepada: billing@mdpi.com

Dear editor

We hereby sent our proof of payment (2200 CHF) with invoice number 2008830 and Manuscript ID catalysts-2008830.
We sent it through The Wire Transfer in Swiss Francs (CHF) by Bank Nasional Indonesia. Thank you.

2 lampiran

Invoice_MDPI_catalysts-2008830_2200.00CHF (1).pdf
31K

Hasanudin-Payment of Proof MDPI APC.pdf
360K

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id> 22 November 2022 15.38
Kepada: billing@mdpi.com

Dear editor

We hereby sent our proof of payment (2200 CHF) with invoice number 2008830 and Manuscript ID catalysts-2008830.
We sent it through The Wire Transfer in Swiss Francs (CHF) by Bank Negara Indonesia. Thank you.
[Kutipan teks disembunyikan]

billing@mdpi.com <billing@mdpi.com> 22 November 2022 15.40
Kepada: hasanudin@mipa.unsri.ac.id

To whom it may concern,

Thank you for contacting us at billing@mdpi.com.

Due the large volume of emails we are receiving, there might be a delay in processing your request.

Please read our FAQ - it is very possible that your inquiry is already mentioned and explained:

https://www.mdpi.com/about/apc_faq

For any inquiry not listed in the FAQ, we will reply as soon as possible.

Kind regards,

MDPI Billing Team

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Payment Confirmation catalysts-2008830

1 pesan

MDPI Billing <billing@mdpi.com> 22 November 2022 22.05
Balas Ke: MDPI Billing <billing@mdpi.com>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Andrijana Subotin <subotin@mdpi.com>, Billing Dept <billing@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>

Dear Dr. Hasanudin,

Many thanks for your support of open access publishing. Please find below the APC payment confirmation for the following article:

Payment of Invoice: catalysts-2008830
Amount Received: 2200.00 CHF
Date Received: 22 November 2022

Payer Information

Dr. Hasanudin Hasanudin
Universitas Sriwijaya
Department of Chemistry, Faculty of Mathematics and Natural Science
Inderalaya 30662, South Sumatra, Indonesia
30662 Inderalaya
Indonesia

For your convenience, the payment confirmation has been attached to this message as a PDF.

Please feel free to contact us if you have any questions.

Kind regards,
MDPI Billing Team

MDPI
St. Alban-Anlage 66
4052 Basel, Switzerland
Tel. +41 61 683 77 35; Fax +41 61 302 89 18
E-mail Accounting: billing@mdpi.com
http://www.mdpi.com/
https://www.mdpi.com/about/apc_faq

receipt_MDPI_catalysts-2008830.pdf
25K

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Final Proofreading Before Publication

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 24 November 2022 15.18
Balas Ke: Andrijana Subotin <subotin@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>, Catalysts Editorial Office <catalysts@mdpi.com>, ognjen.dosen@mdpi.com, Andrijana Subotin <subotin@mdpi.com>

Dear Dr. Hasanudin,

We invite you to proofread your manuscript to ensure that this is the final version that can be published and confirm that you will require no further changes:

At MDPI, we believe in the fast dissemination of sound, valid scientific knowledge. Once accepted for publication, we aim to ensure that research is published as soon as possible.

Please upload the final proofed version of your manuscript within 24 hours, and please remember that we are able to be flexible with this timeframe should you alert us. If you need more time, please inform the Assistant Editor of the expected date that you will be able to return the proofread version.

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br
Submitted to section: Biomass Catalysis, https://www.mdpi.com/journal/catalysts/sections/biomass_catalysis

Please read the following instructions carefully before proofreading:

1) Download the manuscript from the link provided at the end of this message and upload the final proofed version via the second link. If you experience any difficulties, please contact the Catalysts Editorial Office.

2) Please use Microsoft Word's built-in track changes function to highlight any changes you make, or send a comprehensive list of changes in a separate document. Note that this is the *last chance* to make textual changes to the manuscript. Some style and formatting changes may have been made by the production team, please do not revert these changes.

3) All authors must agree to the final version. Check carefully that authors' names and affiliations are correct, and that funding sources are correctly acknowledged. Incorrect author names or affiliations are picked up by

indexing databases, such as the Web of Science or PubMed, and can be difficult to correct.

After proofreading, final production will be carried out. Note that changes to the position of figures and tables may occur during the final steps. Changes can be made to a paper published online only at the discretion of the Editorial Office.

Please confirm whether you would like to use the Open Review option already selected, where the review reports and authors' responses are published alongside your paper. Reviewers can also choose to identify themselves along with the published paper. We encourage authors to take advantage of this option as proof of the rigorous peer review process used to publish your research. Please confirm again that you approve the use of Open Review for your paper via the uploading page.

Please download the final version of your paper for proofreading here:

https://susy.mdpi.com/user/manuscripts/proof/file/82220615a2f7ca20ccfd573bf623e05b

and upload here:

https://susy.mdpi.com/user/manuscripts/resubmit/82220615a2f7ca20ccfd573bf623e05b

This manuscript includes supplementary materials, which you can find at the second link, above. Please note that citations and references in Supplementary files are permitted provided that they also appear in the reference list of the main text. Please ensure that you proofread your supplementary materials and upload them together with the manuscript.

We look forward to hearing from you soon.

Kind regards,
Mr. Ognjen Dosen
Assistant Editor, MDPI Belgrade
E-Mail: ognjen.dosen@mdpi.com

Free to Read Highly Cited Papers from /Catalysts/ (IF 4.501):

1. Recent Developments in Metal-Based Catalysts for the Catalytic Aerobic Oxidation of 5-Hydroxymethyl-Furfural to 2,5-Furandicarboxylic Acid
http://www.mdpi.com/2073-4344/10/1/120
2. Nickel Phosphide Electrocatalysts for Hydrogen Evolution Reaction
http://www.mdpi.com/2073-4344/10/2/188
3. Hydrogen Evolution Reaction-From Single Crystal to Single Atom Catalysts
http://www.mdpi.com/2073-4344/10/3/290
4. Free Radical Photopolymerization and 3D Printing Using Newly Developed Dyes: Indane-1,3-Dione and 1H-Cyclopentanaphthalene-1,3-Dione Derivatives as Photoinitiators in Three-Component Systems
http://www.mdpi.com/2073-4344/10/4/463
5. α-Functionalization of Imines via Visible Light Photoredox Catalysis
http://www.mdpi.com/2073-4344/10/5/562
6. Microwave-Assisted Palladium-Catalyzed Cross-Coupling Reactions: Generation of Carbon–Carbon Bond
http://www.mdpi.com/2073-4344/10/1/4

MDPI Branch Office, Belgrade
Bulevar Milutina Milankovica 7v, 11070 Belgrade, Serbia
Tel: +381 11 7455 363
www.mdpi.com

--
MDPI

Catalysts Editorial Office
St. Alban-Anlage 66, 4052 Basel, Switzerland
E-Mail: catalysts@mdpi.com
http://www.mdpi.com/journal/catalysts/

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830 - Manuscript Resubmitted

1 pesan

Catalysts Editorial Office <catalysts@mdpi.com> 24 November 2022 20.20
Balas Ke: Andrijana Subotin <subotin@mdpi.com>, Catalysts Editorial Office <catalysts@mdpi.com>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: Wan Ryan Asri <wanryanryan@gmail.com>, Zainal Fanani <zainalf313@unsri.ac.id>, Selvi Julpani Adisti <selvijulpani@gmail.com>, Fitri Hadiah <fitrihadiah@ft.unsri.ac.id>, Roni Maryana <roni.maryana@lipi.go.id>, Muhammad Al Muttaqii <almuttaqiimuhammad@gmail.com>, Zongyuan Zhu <zongyuan.zhu@just.edu.cn>, Nelio Teixeira Machado <machado@ufpa.br>

Dear Dr. Hasanudin,

Thank you very much for resubmitting the modified version of the following manuscript:

Manuscript ID: catalysts-2008830
Type of manuscript: Article
Title: Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking
Authors: Hasanudin Hasanudin *, Wan Ryan Asri, Zainal Fanani, Selvi Julpani Adisti, Fitri Hadiah, Roni Maryana, Muhammad Al Muttaqii, Zongyuan Zhu, Nelio Teixeira Machado
Received: 19 October 2022
E-mails: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br
Submitted to section: Biomass Catalysis, https://www.mdpi.com/journal/catalysts/sections/biomass_catalysis
https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

A member of the editorial office will be in touch with you soon regarding progress of the manuscript.

Kind regards,
Catalysts Editorial Office
Postfach, CH-4020 Basel, Switzerland
Office: St. Alban-Anlage 66, CH-4052 Basel
Tel. +41 61 683 77 34 (office)
E-mail: catalysts@mdpi.com
https://www.mdpi.com/journal/catalysts/

*** This is an automatically generated email ***

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830; doi: 10.3390/catal12121522. Paper has been published.

1 pesan

catalysts@mdpi.com <catalysts@mdpi.com> 25 November 2022 23.56
Balas Ke: subotin@mdpi.com, catalysts@mdpi.com
Kepada: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br
Cc: billing@mdpi.com, website@mdpi.com, catalysts@mdpi.com, miric@mdpi.com, subotin@mdpi.com

Dear Authors,

We are pleased to inform you that your article "Facile Fabrication of SiO2/Zr Assisted with EDTA Complexed-Impregnation and Templated Methods for Crude Palm Oil to Biofuels Conversion via Catalytic Hydrocracking" has been published in Catalysts and is available online:

Website: https://www.mdpi.com/2073-4344/12/12/1522
PDF Version: https://www.mdpi.com/2073-4344/12/12/1522/pdf
The meta data of your article, the manuscript files and a publication certificate are available here (only available to corresponding authors after login):
https://susy.mdpi.com/user/manuscripts/review_info/82220615a2f7ca20ccfd573bf623e05b

Please note that this is an early access version. The complete PDF, HTML, and XML versions will be available soon. Please take a moment to check that everything is correct. You can reply to this email if there is a problem. If any errors are noticed, please note that all authors must follow MDPI's policy on updating published papers, found here:
https://www.mdpi.com/ethics#16.

To encourage open scientific discussions and increase the visibility of published articles, MDPI recently implemented interactive commenting and recommendation functionalities on all article webpages (side bar on the right). We encourage you to forward the article link to your colleagues and peers.

We encourage you to set up your profile at www.SciProfiles.com, MDPI's researcher network platform. Articles you publish with MDPI will be linked to your SciProfiles page, where colleagues and peers will be able to see all of your publications, citations, as well as your other academic contributions. Please also feel free to send us feedback on the platform that we can improve it quickly and make it useful for scientific communities.

You can also share the paper on various social networks by clicking the links on the article webpage. Alternatively, our Editorial Office can post an announcement of your article on our Twitter channel, please send us a text of up to 200 characters with spaces. Please note that our service Scitations.net will automatically notify authors cited in your article. For further paper promotion guidelines, please refer to the following link:
https://www.mdpi.com/authors/promoting.

We would be happy to keep you updated about new issue releases of catalysts. Please enter your e-mail address in the box at
https://www.mdpi.com/journal/catalysts/toc-alert/ to receive notifications.
After issue release, a version of your paper including the issue cover will be available to download from the article abstract page.

To order high quality reprints of your article in quantities of 25-1000, visit: https://www.mdpi.com/2073-4344/12/12/1522/reprints

We support the multidisciplinary preprint platform /Preprints/, which permanently archives full text documents and datasets of working papers in all subject areas. Posting on the platform is entirely free of charge, and full details can be viewed at http://www.preprints.org.

We are dedicated to providing an outstanding publishing service, and we invite you to complete our author satisfaction survey https://www.surveymonkey.com/r/authorfeedbackmdpi. The survey contains 20 short questions and will only take a couple of minutes to complete.

To help us improve our Production and English editing service, provided as part of MDPI's editorial process, please take a few minutes to participate in the following survey: https://www.surveymonkey.com/r/38TKGWF (for Production and English editing service).

Thank you for choosing Catalysts to publish your work, we look forward to receiving further contributions from your research group in the future.

Kind regards,

--
MDPI
Postfach, CH - 4020 Basel, Switzerland
Office: St. Alban-Anlage 66, 4052 Basel, Switzerland
Tel. +41 61 683 77 34
Fax: +41 61 302 89 18
E-mail: website@mdpi.com
https://www.mdpi.com/

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

[Catalysts] Manuscript ID: catalysts-2008830; doi: 10.3390/catal12121522. Paper has been published.

1 pesan

catalysts@mdpi.com <catalysts@mdpi.com> 29 November 2022 11.26
Balas Ke: catalysts@mdpi.com
Kepada: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, zainalf313@unsri.ac.id, selvijulpani@gmail.com, fitrihadiah@ft.unsri.ac.id, roni.maryana@lipi.go.id, almuttaqiimuhammad@gmail.com, zongyuan.zhu@just.edu.cn, machado@ufpa.br
Cc: billing@mdpi.com, website@mdpi.com, catalysts@mdpi.com, rumi.yan@mdpi.com, subotin@mdpi.com

Dear Authors,

Please note that the PDF version of your recently published manuscript has been updated by the MDPI production team. You may download the PDF and Microsoft Word versions of your paper from the article webpage:

Website: https://www.mdpi.com/2073-4344/12/12/1522
PDF Version: https://www.mdpi.com/2073-4344/12/12/1522/pdf
Manuscript: https://www.mdpi.com/2073-4344/12/12/1522/manuscript (available to authors after login)

Kind regards,

--
MDPI
Postfach, CH - 4020 Basel, Switzerland
Office: St. Alban-Anlage 66, 4052 Basel, Switzerland
Tel. +41 61 683 77 34
Fax: +41 61 302 89 18
E-mail: website@mdpi.com
https://www.mdpi.com/