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Preface: The 16th Joint Conference on Chemistry 2021 (16th JCC)

AIP Conference Proceedings **2553**, 010001 (2022); <https://doi.org/10.1063/12.0012151>

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Committee: The 16th Joint Conference on Chemistry 2021 (16th JCC)

AIP Conference Proceedings **2553**, 010002 (2022); <https://doi.org/10.1063/12.0015105>

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ARTICLES



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The adsorption capacity of clay cetyltrimethylammonium/magnetite against the metal ion Cr(VI)

Choiril Azmiyawati, Ahmad Al Mutashim Billah and Adi Darmawan

AIP Conference Proceedings **2553**, 020001 (2022); <https://doi.org/10.1063/5.0103671>

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Intermolecular interaction and molecular dynamics study of carboxymethyl Chitosan... Vitamin C molecular complex for understanding encapsulation and kinetics-controlled released mechanism

Cholifatul Jannah, Dwi Hudiyantri, Vivitri Dewi Prasasty and Parsaoran Siahaan

AIP Conference Proceedings **2553**, 020002 (2022); <https://doi.org/10.1063/5.0103717>

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Degradation of methylene blue in TiO_2 -Fe(VI) system with UV radiation

Dian Windy Dwiasi, Anung Riapanitra and Eggzy Izzi Saliya

AIP Conference Proceedings **2553**, 020003 (2022); <https://doi.org/10.1063/5.0103697>

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Encapsulation of hyptolide coated alginate, chitosan, and alginate-chitosan

Meiny Suzery, Bambang Cahyono, Widayat and Lina Apriliana

AIP Conference Proceedings **2553**, 020004 (2022); <https://doi.org/10.1063/5.0106801>

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Synthesis of chitosan for removal of methyl orange and malachite green dyes

Tien Setyaningtyas, Mardiyah Kurniasih, Afrizal Diaz Aztiza Nur Azizi, Kapti Riyani and Dwi Kartika

AIP Conference Proceedings **2553**, 020005 (2022); <https://doi.org/10.1063/5.0103999>

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The effect of formaldehyde addition on the distribution of trimethylamine oxide (TMAO) and trimethylamine (TMA) in marine and freshwater fish organs

Farida Ariyani, Umi Anissah, Hedi Indra Januar, Giri Rohmad Barokah and Ajeng Kurniasari Putri

AIP Conference Proceedings **2553**, 020006 (2022); <https://doi.org/10.1063/5.0104100>

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Synthesis of vanadium oxide material and its photocatalytic activity in the degradation of methylene blue

Anung Riapanitra, Tien Setyaningtyas, Kapti Riyani, Roy Andreas, Agni Lili Ariyanti and Uyi

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Ointmen the formulation of bachang mango (*Mangifera foetida* L.) leaves methanol extract and activity test against *Malassezia furfur*

Dian Riana Ningsih, Anung Riapanitra, Purwati, Zufahair, Gangga Aji Tetuko and Alin Lutpiani

AIP Conference Proceedings **2553**, 020008 (2022); <https://doi.org/10.1063/5.0103720>

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Formulation and release profile for encapsulation of *Centella asiatica* (L.) urban extract in coconut liposomes

Khairul Anam, Silvia Handayani and Dwi Hudiyantri

AIP Conference Proceedings **2553**, 020009 (2022); <https://doi.org/10.1063/5.0103925>

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Recovery ion Cu(II) using precipitation method with NaOH for methylene blue degradation

Linda Suyati, Prasetyowati, Gunawan, Didik Setiyo Widodo, Khabibi and Yayuk Astuti

AIP Conference Proceedings **2553**, 020010 (2022); <https://doi.org/10.1063/5.0104476>

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Antimicrobial activity of N-methyl chitosan and correlation with their degree substitution

Mardiyah Kurniasih, Purwati, Intan Romadhani and Ratna Stia Dewi

AIP Conference Proceedings **2553**, 020011 (2022); <https://doi.org/10.1063/5.0103998>

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Non-invasive neonatal jaundice determination using smartphone camera

Mekar Dwi Anggraeni, Amin Fatoni and Eni Rahmawati

AIP Conference Proceedings **2553**, 020012 (2022); <https://doi.org/10.1063/5.0103718>

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Synthesis of copolymer eugenol-trithiol-divinylbenzene via photoinitiated cross-linking reaction as antibacterial compound

Ngadiwiyana, Dihan Vigy Laksana, Damar Nurwahyu Bima, Ismiyarto, Purbowatiningrum
Ria Sarjono and Nor Basid Adiwibawa Prasetya

AIP Conference Proceedings **2553**, 020013 (2022); <https://doi.org/10.1063/5.0103667>

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Potential of extracellular chitinase from *Bacillus subtilis* B 298 as antifungal against *Rhizoctonia solani*

Puji Lestari, Suyata Suyata and Ely Setiawan

AIP Conference Proceedings **2553**, 020014 (2022); <https://doi.org/10.1063/5.0103775>

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Analysis and identification of microbial activity of bioactive component fraction in red and green betels

Rifda Naufalin, Erminawati and Ahmad Hasyim

AIP Conference Proceedings **2553**, 020015 (2022); <https://doi.org/10.1063/5.0103951>

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Antioxidant soap formula based on nyamplung seed oil (*Calophyllum inopphyllum*) with bidara leaves (*Ziziphus mauritiana*) and ketapang fruit (*Terminalia catappa* L) additives

Senny Widyaningsih, Moch Chasani and Novia Ariska Pratiwi

AIP Conference Proceedings **2553**, 020016 (2022); <https://doi.org/10.1063/5.0103812>

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Formulation, characterization and sunscreen potential evaluation of lemongrass (*Cymbopogon citratus*) oil nanoemulsion

Undri Rastuti, Uyi Sulaeman, Senny Widyaningsih, Sity Khalidah Zia and Ryan Aditya Mahendra

AIP Conference Proceedings **2553**, 020017 (2022); <https://doi.org/10.1063/5.0105009>

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Synthesis and photocatalytic properties of Cr-doped SrTiO₃ with Ti deficiency for enhanced photocatalytic activity

Uyi Sulaeman, Resha Permana Putra, Kapti Riyani and Ahmad Zuhairi Abdullah

AIP Conference Proceedings **2553**, 020018 (2022); <https://doi.org/10.1063/5.0104312>



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Optimization of solid state fermentation of banana peel for removal of crystal violet dye from aqueous solution

Agustina L. N. Aminin, Ummy Ulvairoh, Nies Suci Mulyani and Gunawan

AIP Conference Proceedings **2553**, 020019 (2022); <https://doi.org/10.1063/5.0103729>

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A green chemistry approach using *Alternanthera brasiliana* extract for urea biosensor

Amin Fatoni, Greda Rido Gusti, Zufahair, Mekar Dwi Anggraeni and Saluma Samanman

AIP Conference Proceedings **2553**, 020020 (2022); <https://doi.org/10.1063/5.0103678>

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The potency of ethanolic extracts of betel leaves as an antibiofilm against *methicillin-resistant* *Staphylococcus aureus*

Ari Asnani, Prabadini Ruwielanisa, Hernayanti and Dwi Utami Anjarwati

AIP Conference Proceedings **2553**, 020021 (2022); <https://doi.org/10.1063/5.0103681>

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Eugenol-based molecularly imprinted membrane synthesis for glucose selective transport

Muhammad Cholid Djunaidi, Nesti Dwi Maharani, Pardoyo and Yanuardi Raharjo

AIP Conference Proceedings **2553**, 020022 (2022); <https://doi.org/10.1063/5.0104444>

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Analysis of students' conceptual understanding on the acid-base remedial program with multi-representation teaching material

Endang Susilaningsih, Sri Haryani and Nurkintan Aprilia

AIP Conference Proceedings **2553**, 020023 (2022); <https://doi.org/10.1063/5.0103797>

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The potential of wild spinach (*Amaranthus dubius* Mart) and cockscomb (*Celosia argentea* Var.*Cristata*) seed oil as a source of vegetable squalene

Hartati Soetjipto and November Rianto Aminu

AIP Conference Proceedings **2553**, 020024 (2022); <https://doi.org/10.1063/5.0103738>

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Brine shrimp lethality bioassay of *Zingiber zerumbet* and *Z. cassumunar* rhizomes extracts.

Hartiwi Diastuti, Purwati, Suwandri, Sri Indriani, Restu Pamukasari and Oto Dwi Wibowo

AIP Conference Proceedings **2553**, 020025 (2022); <https://doi.org/10.1063/5.0103680>

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Prediction of bilirubin concentration using neonatal forehead images

Mekar Dwi Anggraeni, Amin Fatoni and Eni Rahmawati

AIP Conference Proceedings **2553**, 020026 (2022); <https://doi.org/10.1063/5.0103722>

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Basis set validation of sodium dodecyl benzene sulfonate based on infrared spectrum using Ab initio method

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[JCC16] Submission Upload Acknowledgement

1 message

Amin Fatoni <notifikasi@unsoed.ac.id>
To: Amin Fatoni <aminfatoni@unsoed.ac.id>

1 September 2021 at 17:22

Amin Fatoni:

Thank you for uploading your presentation, "A Green Chemistry Approach using Alternanthera brasiliana Extract for Urea Biosensor" to The 16th Joint Conference on Chemistry 2021. With the online conference management system that we are using, you will be able to track its progress through the editorial process by logging in to the conference web site:

Submission URL:

<https://conference.unsoed.ac.id/index.php/JCC16/JCC16/author/submission/2136>

Username: afatoni

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

Amin Fatoni
The 16th Joint Conference on Chemistry 2021

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<https://conference.unsoed.ac.id/index.php/JCC16/JCC16/index>

Amin Fatoni_PL_AA

2 messages

Chemistry Conference <jccunsoed@gmail.com>

23 September 2021 at 21:57

To: aminfatoni@unsoed.ac.id

Dear Amin Fatoni

We have reached a decision regarding your submission to AIP Conference Proceedings, "A Green Chemistry Approach using Alternanthera brasiliana Extract for Urea Biosensor".

Our decision is: Revisions Required

Reviewer has now commented on your paper below this email. You will see that the Reviewer is advising that you must revise your manuscript. If you are prepared to undertake the work required, I would be pleased to reconsider my decision.

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. Please write difference color of the manuscript changes. The submission should be submitted via this email (jccunsoed@gmail.com) as the reply.

Please be noted that you have up to 1 (one) week from now to revise your manuscript.

If you need additional time to complete your revision, please let us know by replying to this email and informing us of the date you expect to submit it.

Regards,

Puji Lestari

Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Jenderal Soedirman, Purwokerto, Indonesia

Reviewer Comments:

1. The suggestions regarding writing style from Grammarly is attached.
2. Please elaborate other researches in the discussion. Whether the research's results correspond, on the contrary, or support other published research



Grammarly Report Amin Fatoni_PL_AA.pdf

338K

Amin Fatoni <aminfatoni@unsoed.ac.id>

4 October 2021 at 20:31

To: Chemistry Conference <jccunsoed@gmail.com>

Dear Editor,

I have revised the manuscript. The changes were marked in red in the attached revised version.

best wishes,
Amin Fatoni

[Quoted text hidden]

 **Amin Fatoni - Alternanthera brasiliana Extract for Urea Biosensor Application JCC16-Rev.docx**
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Amin Fatoni_PL_AA

1 message

Chemistry Conference <jccunsoed@gmail.com>

1 November 2021 at 08:25

To: aminfatoni@unsoed.ac.id

Dear Amin Fatoni

I am pleased to inform you about the acceptance of the manuscript entitled:

" A Green Chemistry Approach using *Alternanthera brasiliana* Extract for Urea Biosensor"

Your accepted manuscript will be submitted to the publisher of AIP conference proceedings. The publisher might exclude your paper if it is not suitable with the criteria of publishing standard.

The proofreading correction will be informed to authors before submitting to the publisher.

Regard,
Puji Lestari
Department of Chemistry
Jenderal Soedirman University
[Jl. Dr. Soeparno No.61, Purwokerto](#)
[Indonesia](#)