

Korespondensi:

Biodiversitas Journal of Biological Diversity | Tasks 0 | English | View Site | muhammad_alfarabi

11876 / ALFARABI et al. / Bioactivity and metabolite profile of papaya (*Carica papaya*) seed extract

Library

Workflow | Publication

Submission | Review | Copyediting | Production

Submission Files

File Name	Submitted	File Type
1058434-1 muhammad_alfarabi, Article Papaya_Muhammad Alfarabi.docx	August 6, 2022	Article Text

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Notifications

[biodiv] Editor Decision

2022-08-24 11:47 PM

Muhammad Alfarabi, Forman Erwin Siagian, Jap Mai Cing, Trini Suryowati, Turhadi, Micheltelia Sulijaya Suyono, monica syefi febriyanti, Fitri Boru Naibaho:

We have reached a decision regarding your submission to Biodiversitas Journal of Biological Diversity, "Bioactivity and metabolite profile of papaya (*Carica papaya*) seed extract".

Our decision is: Revisions Required

Reviewer A:

The manuscript titled "Bioactivity and metabolite profile of papaya (*Carica papaya*) seed extract" describes the metabolite fingerprinting of the papaya (*Carica papaya*) seeds extract by using Gas Chromatography-Mass Spectrometry (GC-MS) and Liquid Chromatography- Mass Spectrometry-QTOF (LC-MS/MS-QTOF). The paper also evaluated the bioactivity (antioxidant and cytotoxic activity) of California and Bangkok type papaya seeds. The manuscript is generally well-written. I recommend it for publication in Biodiversitas provided the authors are able to satisfactorily address all my concerns delineated below:

1 Materials and methods section: More information should be provided about the GC-MS and LC-MS/MS techniques, ionization modes and their parameters values.

2 Materials & methods section: All chemical assays are not well detailed (formula, stock solution and spectrometer details).




3 Results section: How were the metabolites annotations made? What was the accuracy limit for these assignments.

4 Results section: The authors should cite the paper "Metabolomic profiling of the phytochemical constituents of Carica papaya L. leaves and seeds by ¹H NMR spectroscopy and multivariate statistical analysis, Journal of Pharmaceutical and Biomedical Analysis 115 (2015) 74-85", and compare the list of metabolites they have obtained with the metabolites listed in this paper.

5. Results section: In a work where the assignments of signals/peaks to molecules is the key point, the authors should provide the chromatogram, mass spectra, metabolites table indicating the retention/elution time and their masses. This can be given in the supplementary material, if space is a constraint.

6. Line No.-210: Incorrect statement according to the figure 4B (there were 11 and 13 metabolites identified for CE and BE, respectively?).

Recommendation: Revisions Required

Revisions		Q Search	Upload File
▶  1060208-1	Article Text, Bioactivity and metabolite profile of papaya (Carica papaya) seed extract_rev02092022.doc	September 2, 2022	Article Text
▶  1060209-1	Other, Supplementary File_Bioactivity and metabolite profile of papaya (Carica papaya) seed extract_02092022.pdf	September 2, 2022	Other
▶  1060210-1	Other, Author's response_02092022.pdf	September 2, 2022	Other



Participants



Smujo Editors (editors)

DEWI NUR PRATIWI (dewinurpratiwi)

Agustina Putri (aputri1)

Muhammad Alfarabi (muhammad_alfarabi)

Messages

Note	From
<p>Dear Author(s),</p> <p>Pls, find attached file for an uncorrected proof (Copyedited file). The revised manuscript (Corrected proof) is awaited. Do not worry about layout changes due to revision; our staff will fix it again. Note: Kindly TURN ON track changes when you make improvements.</p> <p> dewinurpratiwi, metabolite profile of papaya - A;farabi.doc</p>	<p>dewinurpratiwi 2022-09-05 07:26 AM</p>
<p>▶ Dear Editors,</p> <p>We attached a revised manuscript.</p> <p>Kind regards,</p> <p>Alfarabi</p> <p> muhammad_alfarabi, 11876-Article Text-1060443-1-18-20220905_REV06092022.doc</p>	<p>muhammad_alfarabi 2022-09-05 11:24 PM</p>



[biodiv] Editor Decision

2022-09-12 03:37 PM

MUHAMMAD ALFARABI, FORMAN ERWIN SIAGIAN, JAP MAI CING, TRINI SURYOWATI, TURHADI, MICHELTHELIA SULIJAYA SUYONO, MONICA SYEFI FEBRIYANTI, FITRI BORU NAIBAHO:

We have reached a decision regarding your submission to Biodiversitas Journal of Biological Diversity, "Bioactivity and metabolite profile of papaya (Carica papaya) seed extract".

Our decision is to: Accept Submission

[Biodiversitas Journal of Biological Diversity](#)



[biodiv] Editor Decision

2022-09-16 07:56 AM

MUHAMMAD ALFARABI, FORMAN ERWIN SIAGIAN, JAP MAI CING, TRINI SURYOWATI, TURHADI, MICHELTHELIA SULIJAYA SUYONO, MONICA SYEFI FEBRIYANTI, FITRI BORU NAIBAHO:

The editing of your submission, "Bioactivity and metabolite profile of papaya (Carica papaya) seed extract," is complete. We are now sending it to production.

Submission URL: <https://smujo.id/biodiv/authorDashboard/submission/11876>

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