

• Poster Eva Marliana

Yahoo/Sent ☆



• **Eva Marliana** <eva_samarinda@yahoo.coi
To: conference.fmipa@gmail.com



Wed, Oct 17, 2018 at 11:53 AM



Berikut terlampir poster atas nama : Eva Marliana dengan judul "Antioxidant activity of flavonoid constituents from the leaves of Macaranga tanarius"

Terimakasih atas bantuannya,

Eva Marliana



Eva Marlianapdf

1.5MB



Antioxidant activity of flavonoid constituents from the leaves of *Macaranga tanarius*

Eva Marlina^{1*}, Ritbey Ruga¹, Rita Hairani¹, Tjitjik Srie Tjahjandarie², Mulyadi Tanjung²

¹ Department of Chemistry, Faculty of Mathematics and Natural Sciences, Mulawaman University, Samarinda 75123, East Kalimantan, Indonesia

² Natural Products Chemistry Research Group, Organic Chemistry Division, Department of Chemistry, Faculty of Science and Technology, Airlangga University, Surabaya 60115, East Java, Indonesia.

*e-mail: eva_samarinda@yahoo.com

Abstract

The beneficial health effect of natural flavonoids in plants is mainly due their antioxidant activity. In the present study, antioxidant activity of chemical constituents including nymphaeol C (1) and solophenol D (2) nymphaeol A (3), nymphaeol B (4), isolated from *Macaranga tanarius* leaves was conducted using DPPH method. The result showed that 2 revealed potential antioxidant activity followed by 1 and 4 with IC_{50} values of 55.13, 62.14 and 72.83 μ M, respectively. While 3 exhibited antioxidant activity with IC_{50} value of 102.12 μ M.

Keywords: *Macaranga tanarius*, antioxidant, flavonoids

Introduction



Objective

To evaluated antioxidant activity of four flavonoid constituents from *M. tanarius* leaves

Methods



Result and Discussion

Antioxidant activity of four flavonoid constituents isolated from *M. tanarius* was conducted by using DPPH method. Their antioxidant activity was presented in Figure 1.

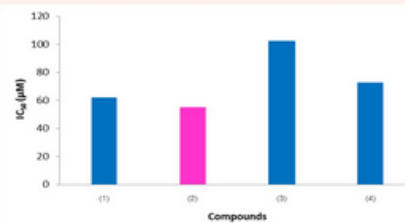


Figure 1. Antioxidant activity of four (1-4) chemical constituents from *M. tanarius*

The Figure 1 showed that 2 revealed the most potent antioxidant activity with IC_{50} value of 55.13 followed by 1, 4 and 3 with IC_{50} of 62.14, 72.83 and 102.12 μ M, respectively.

Show



• Rita Hairani <conference.fmipa@gmail.com>

To: Eva Marlina, Ritbey Ruga, Rita Hairani, Tjitjik Srie Tjahjandarie, Mulyadi Tanjung



Thu, Apr 18, 2019 at 9:36 AM ☆

Dear Author

Congratulations, your paper entitled:
"Antioxidant activity of flavonoid constituents from the leaves of
Macaranga tanarius" has been accepted for publication in
Journal of Physics: conference series, IOP Science, a conference proceeding
for the 2nd International Conference on Mathematics, Science, and Computer
Science (ICMSC 2018) which was held in Balikpapan, East Kalimantan,
Indonesia on 24th October 2018 at Novotel Hotel, Balikpapan. (LOA Attached)

Please remember that the article can only be published in the conference
proceeding if the publication fee has been paid. please make a payment
due 20th April 2019:

BNI Bank
An. Vellyana Londong Allo
Account no 0698895597
Amount: Rp. 1.500.000,-
Write a Note: ICMSC IOP "author-name"

please send the copy of payment slip to conference.fmipa@gmail.com

Thank you very much for your cooperation.

Best Regards,
Editorial Board of ICMSC 2018

International Conference on Mathematics, Science, and Computer Science
<http://conference.fmipa.unmul.ac.id/index.php/icmsc2018/index>



Acceptance L...pdf
406.6kB



THE 2nd INTERNATIONAL CONFERENCE ON
MATHEMATICS, SCIENCE, AND COMPUTER SCIENCE
ICMSC 2018
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
Jl. Barong Tongkok No. 04 Kampus Gunung Kelua, Samarinda – East Kalimantan, 75123, Indonesia

Samarinda, 18th of April 2019

Letter of Acceptance

Dear Eva Marliana^{1,*}, Ritbey Ruga¹, Rita Hairani¹, Tjitjik Srie Tjahjandarie², and Mulyadi Tanjung²

¹Department of Chemistry, Faculty of Mathematics and Natural Sciences, Mulawarman University, Samarinda 75123, East Kalimantan, Indonesia

²Natural Product Chemistry Group, Organic Chemistry Division, Department of Chemistry, Faculty of Science and Technology, Airlangga University, Surabaya 60115, East Java, Indonesia

Congratulations, your paper entitled:

"Antioxidant activity of flavonoid constituents from the leaves of *Macaranga tanarius*" has been accepted for publication in Journal of Physics: conference series, IOP Science, a conference proceeding for the 2nd International Conference on Mathematics, Science and Computer Science (ICMSC 2018) which was held in Balikpapan, East Kalimantan, Indonesia in October 24th, 2018 at Novotel Hotel, Balikpapan.

Please remember that the article can only be published in the conference proceeding if the publication fee has been **paid**.

Again, we would like to congratulate you on submitting an article of such high quality and we look forward your contribution in the next conference.

Yours faithfully,
The Editorial Board of ICMSC 2018



Dr. R R Dirgarini Julia N Subagyono, M.Sc





Rita Hairani <rietha_chem@yahoo.co.id>

To: conference.fmipa@gmail.com

Cc: Aman Sentosa Panggabean, Eva Marlina, Rita Hairani



Tue, Apr 23, 2019 at 11:55 AM ☆

Dear Editorial board of **ICMSC** 2018,

Please kindly find the attached file of payment slip for two articles.
(Aman Sentosa Panggabean and Eva Marlina)

Best regards,

Authors

[Download all attachments as a zip file](#)



Payment slip ...jpg
4.8MB



Payment slip ...jpg
3MB