

# EduChemia Jurnal Kimia dan Pendidikan

Volume 9, Nomor 1, 2024, p.1-131



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Green Synthesis of Dehydrozingerone (DHZ) Utilizing Ionic Liquid Medium and Microwave Irradiation

(Annisa Mustika Pertiwi, Deana Wahyuningrum)

Gelatin from Jerbung Shrimp Shells (Fennerope naeus marguiensis de Man) Using Three Types of Solvent: Acetic Acid, Phosphoric Acid, and Sulfuric Acid

(Sjamsiah, Firnanelty, Sri Haerani Dq Manesa, Andi Imas Cahyani, Sari Rahmawati)

Synthesis of EDTA-Functionalized Silica Coated Nanomagnetite as a Cobalt(II) Ion Adsorbent

(Irma Kartika Kusumaningrum, Zulfikar Wildan Arabillah, Anisa Aulia Kusfianti, Munzil, Anugrah Ricky Wijaya)

Antidiabetic Activities In Vitro and In Silico of Nonpolar Compounds in Patat Leaves (*Phrynium capitatum*) (Laras Wijayanti, Marvel Marvel, Samsul Ma'arif, Ahmad Fathoni)

Oleogels from Watermelon Rind Extract and Orange Peel **Essential Oil for Hair Nutrition** 

(Iis Erlina, Nisa Lelita Fadilah, Dwi Indah Yulianti, Asfiah Adiba, Retno Putri Febriany, Auliya Ilmiawati)

Volatile Compounds and Potential Biological Activities of Essential Oil of Citrus amblycarpa Hassk. Ochse (Rahmat Rasmawan, Putut Marwoto, Sunyoto Eko Nugroho)

Analysis and Optimization of Betanin Extraction from Juice of the Peel and Fleshes of Red Dragon Fruit (Hylocereus costaricencis) (Prina Puspa Kania, Ayi Furqon)

Innovation of Binahong (Anredera cordifolia) Seed Extract Indicator Paper as An Alternative in Acid Base Testing (Cica Susilawati, Tety Sudiarti, Ade Yeti Nuryantini)

### Published by:

Department of Chemistry Education, Faculty of **Education and Teacher Training, Universitas** Sultan Ageng Tirtayasa in cooperation with Himpunan Kimia Indonesia (HKI)



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Volume 9, Nomor 1, 2024

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#### **Email and Address**

Jl. Raya Ciwaru No. 25 Cipocok Serang-Banten 42117, Email: educhemia@untirta.ac.id Website: http://jurnal.untirta.ac.id/index.php/EduChemia

#### **PREFACE**

#### Bismillahirrahmanirrohim

We extend our heartfelt thanks to Allah SWT for His grace and guidance, without which EduChemia: Jurnal Kimia dan Pendidikan, Volume 9 Number 1 of 2024, would not have been possible. We also wish to express our deep appreciation to the entire editorial board of EduChemia, whose dedicated efforts have been instrumental in the publication of EduChemia Volume 9 Number 1 of 2024. We are truly grateful for your support and contributions, which have been invaluable in providing the appropriate information to our readers.

EduChemia is a periodical publication that contains research results in chemistry and chemical education. EduChemia, as one of the reputable National scientific journals, has been online through **OJS** with the address managed http://jurnal.untirta.ac.id/index.php/EduChemia. EduChemia has been accredited by Sinta 2 with the number SK 200/M/KPT/2020. Currently, EduChemia has been indexed in various indexing institutions, including the Directory Open Access Journal (DOAJ), Google Scholar, Dimensions, BASE (Bielefeld Academic Search Engine), ROAD, CiteFactor, EBSCO, Portal Garuda, etc. EduChemia is published twice a year. EduChemia Volume 9 Number 1, 2024, contains 9 (nine) articles that a team of reviewers has reviewed. The nine published articles consist of 8 (eight) articles on research results in chemistry and 1 (one) article on research results in chemistry education.

EduChemia is committed to a continuous process of enhancing the dissemination and availability of information on research results in chemistry and chemistry education. This dedication ensures that you, our esteemed readers, will always have access to the latest and most relevant findings in these fields, fostering a sense of confidence and reassurance in the reliability of our publication.

Editorial Board Educhemia

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