

Red Cowpea Cultivar
 Superior Antioxidant Power

White Cowpea Cultivar
 Foundational Nutrition Source



Exhibits significantly higher antioxidant activity, making it a potent functional food.



Provides excellent levels of protein and energy-rich carbohydrates.

2,115.33

µg/g

Antioxidant
 Activity

507.18

µg/g

Antioxidant
 Activity

465.61

µg/g

Tannin
 Content

130.43

µg/g

Tannin
 Content

Contains substantially more tannins, which contribute to its antioxidant capacity.

Features a much lower tannin level compared to the red variety.

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We are pleased to present Chempublish Journal, Volume 9, Number 2, June 2025. This issue marks another important milestone in our commitment to disseminating high-quality scientific research and fostering international collaboration in the chemical sciences. On behalf of the Editorial Team, we extend our sincere appreciation to the authors, reviewers, and the Department of Chemistry, Faculty of Science and Technology, Universitas Jambi, as the sponsoring institution, for their invaluable contributions and continued support. Their collective efforts have been instrumental in maintaining the journal's academic excellence and global relevance.

This edition features twelve rigorously reviewed articles contributed by researchers from **Malaysia**, **Japan**, and **Indonesia**, reflecting the journal's expanding international reach. The published works highlight innovative and original research across a broad spectrum of chemical disciplines, including bioactive compounds, anticorrosion science, biological pharmacy, computational chemistry, material and metabolomic chemistry, as well as supramolecular chemistry. Together, these studies showcase cutting-edge approaches and emerging trends that address both fundamental and applied challenges in modern chemistry.

We are also delighted to welcome new members to the Editorial Team. Comprising distinguished scholars from diverse areas of chemistry, our editorial board strengthens the journal's scholarly vision and reinforces its role as an international platform for scientific exchange. A complete list of Editorial Team members is available on the journal's website.

Chempublish Journal is a multidisciplinary, peer-reviewed journal dedicated to advancing research in chemistry and its allied fields, including chemistry education, applied chemistry, computational chemistry, and chemical engineering. Published biannually in June and December, the journal provides a trusted forum for original research articles, comprehensive reviews, and invited communications that contribute to the advancement of chemical science.

We warmly invite researchers, academics, and practitioners worldwide to submit their best work and join us in shaping the future of chemistry through impactful and innovative publications.

Dr. Madyawati Latief, S. P., M.Si.
Department of Chemistry, Faculty of
Science and technology,
Universitas Jambi,
Jambi, 36361, Indonesia

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EDITORIAL ADDRESS

Department of Chemistry, Faculty of Science and Technology

Universitas Jambi. Mendalo Darat, Muara Jambi

Jambi 36361, Indonesia

Email: chempublish@unja.ac.id/ Website: <https://online-journal.unja.ac.id/index.php/chp/index>

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