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Journal Information

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Classification History

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2026				
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2020			✓	
2019			✓	
2018				

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Formation of machine learning models of high-refractive index organic materials through high-throughput quantum chemical calculations
2024 Vol. 24 Issue 0 Pages 1-6
Authors: Hajime Mori, Asami Yoshii, Munenori Yamashita
DOI: 10.2751/jcac.24.1

Data Science for QSAR for Protease activity
2023 Vol. 23 Issue 0 Pages 43-49
Authors: Hideki Ueda, Akio Fukumori, Daiki Koge et al.
DOI: 10.2751/jcac.23.43

Molecular Graph Indexes for Assessing Heterogeneity of Chemical Compounds
2023 Vol. 23 Issue 0 Pages 50-59
Authors: Keisuke Wakakuri, Yudai Taguchi, Daiki Koge et al.
DOI: 10.2751/jcac.23.50

Theoretical Study on Reaction Mechanism of Curing Reaction of Epoxy-Imidazole Resin
2023 Vol. 23 Issue 0 Pages 35-42
Authors: Ryusuke Mitani, Hidetoshi Yamamoto, Michinori Sumimoto
DOI: 10.2751/jcac.23.35

Classification of metabolites by metabolic pathways concerning terpenoids, phenylpropanoids, and polyketide compounds based on machine learning
2023 Vol. 23 Issue 0 Pages 25-34
Authors: Yuri Koide, Daiki Koge, Shigehiko Kanaya et al.
DOI: 10.2751/jcac.23.25

Critical Assessment of Generative Models for de Novo Molecular Structure Generation

2023 Vol. 23 Issue 0 Pages 1-7

Authors: Tomoyuki Miyao

DOI: 10.2751/jcac.23.1

Materials Data-science Approach for Comprehensive Understanding of Organic Thin Film Solar Cells

2023 Vol. 23 Issue 0 Pages 8-24

Authors: Yasuaki Inoue, Naoaki Ono, Md. Altaf-Ul-Amin et al.

DOI: 10.2751/jcac.23.8

Solvatochromism of 4-(diethylamino)-4’-nitroazobenzene: explanation based on CNDO/S calculation results

2021 Vol. 22 Issue 0 Pages 8-16

Authors: Tomoya Takada, Hiroto Tachikawa

DOI: 10.2751/jcac.22.8

A method to search the most stable reaction pathway and its application to the Pinner Pyrimidine Synthesis reaction

2021 Vol. 22 Issue 0 Pages 1-7

Authors: Eri Maeyama, Toru Yamaguchi, Michinori Sumimoto et al.

DOI: 10.2751/jcac.22.1

Extended Regression Modeling of the Toxicity of Phenol Derivatives to <i>Tetrahymena pyriformis</i> Using the Electronic-Structure Informatics Descriptor

2021 Vol. 22 Issue 0 Pages 17-22

Authors: Algafari Bakti Manggara, Manabu Sugimoto

DOI: 10.2751/jcac.22.17