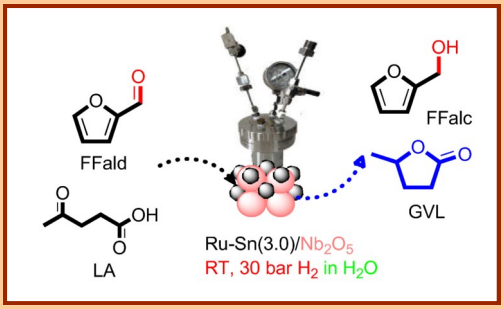
BCREC PUBLISHING GROUP

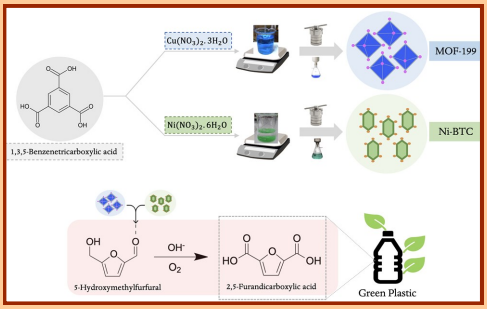
e-ISSN: 1978-2993

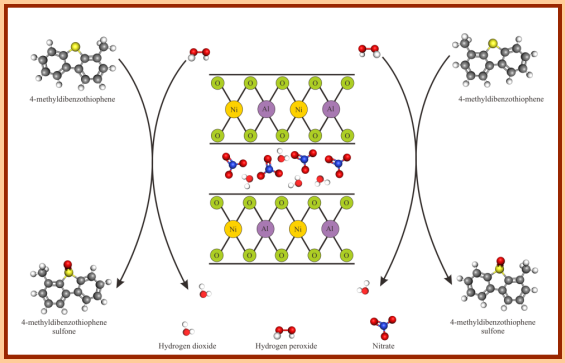
Bulletin of Chemical Reaction Engineering & Catalysis

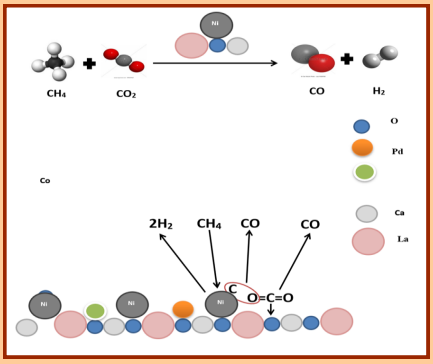
Volume 18, Issue 4, Year 2023 (Regular Issue: December 2023)

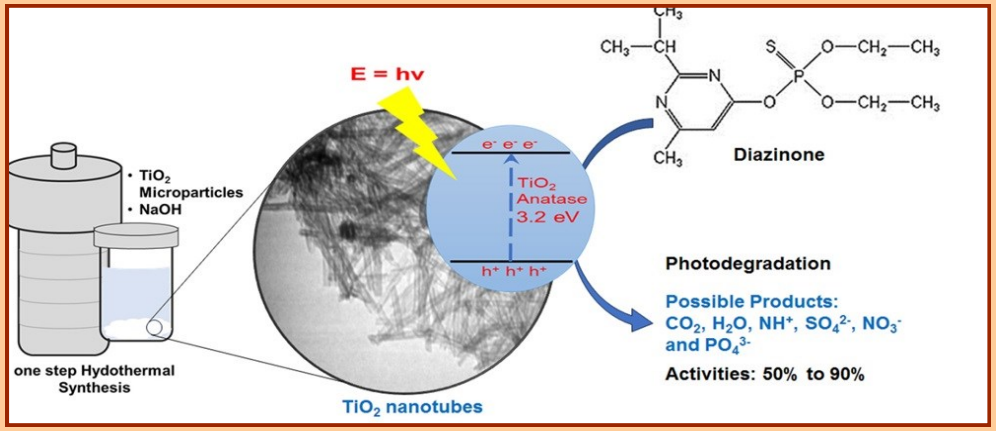
This issue has been published online since 10th December 2023 at: *https://bcrec.id*











Bull. Chem. React. Eng. Catal.	Vol. 18	No. 4	Pages: 548 - 735	Semarang, December 2023	e-ISSN: 1978-2993

Published by:

Masyarakat Katalis Indonesia – Indonesian Catalyst Society (MKICS)

BCREC Publishing Group

Jointly with: Department of Chemical Engineering, Universitas Diponegoro

Available online at BCREC website: https://bcrec.id

Bulletin of Chemical Reaction Engineering & Catalysis, 18 (4), 2023, i

EDITORIAL TEAM

AIMS AND SCOPE

Bulletin of Chemical Reaction Engineering & Catalysis, an international journal, provides a forum for publishing the novel technologies related to the catalyst, catalysis, chemical reactor, kinetics, and chemical reaction engineering. Scientific articles dealing with the following topics in chemical reaction engineering, catalysis science, and engineering, catalyst preparation method and characterization, novel innovation of chemical reactor, kinetic studies, etc. are particularly welcome. However, articles concerned on the general chemical engineering process are not covered and out of the scope of this journal.

This journal encompasses *Original Research Articles*, *Review Articles* (only selected/invited authors), and *Short Communications*, including: fundamentals of catalyst and catalysis; fundamentals of chemical reaction engineering; kinetics studies of chemical reaction engineering; materials and nano-materials for catalyst; photocatalyst and photocatalysis; chemistry of catalyst and catalysis; applied chemical reaction engineering; applied catalysis; applied bio-catalysis; applied bio-reactor; membrane bioreactor; chemical reactor design (not process parameter optimization); catalyst regeneration; catalyst deactivation; surface chemistry of catalyst; bio-catalysis; enzymatic catalytic reaction (not process parameter optimization); kinetic studies of enzymatic reaction (not process parameter optimization); the industrial practice of catalyst; the industrial practice of chemical reactor engineering; application of plasma technology in catalysis and chemical reactor; and advanced technology for chemical reactors.

The manuscript articles should be submitted by online in MS Word / Open Office / PDF file format to Editorial Office through **Online Submission interface at: *https://journal.bcrec.id/index.php/bcrec***. The Author must read the author guidelines of this journal first before submitting a manuscript.

PUBLICATION INFORMATION

Bulletin of Chemical Reaction Engineering & Catalysis (e-ISSN: 1978-2993).
Short journal title (abbreviation): ***Bull. Chem. React. Eng. Catal.***
Commencement of publication: January 2008.

For year 2024, 4 issues will be scheduled for publication with 13-20 articles per issue (Volume 18, Issue 1 (April), Issue 2 (August), Issue 3 (October), and Issue 4 (December)).

Bulletin of Chemical Reaction Engineering & Catalysis, initialized as BCREC, is published freely open access of fulltext PDF articles via journal website (https://journal.bcrec.id/index.php/bcrec). The BCREC journal is published by *Masyarakat Katalis Indonesia* - Indonesian Catalyst Society (MKICS) (https://mkics.bcrec.id). The technical management of this journal is supported by BCREC Publishing Group (https://bcrec.id) and jointly with Department of Chemical Engineering, Universitas Diponegoro.

The BCREC journal has been indexed and abstracted by: Elsevier Products (Scopus, Compendex / Engineering Village), Web of Science (Emerging Source Citation Index) by Clarivate Analytics, Chemical Abstract Services (CAS), CABI, ASEAN Citation Index (ACI), DOAJ, Digital Dimensions, and other reputable indexers.

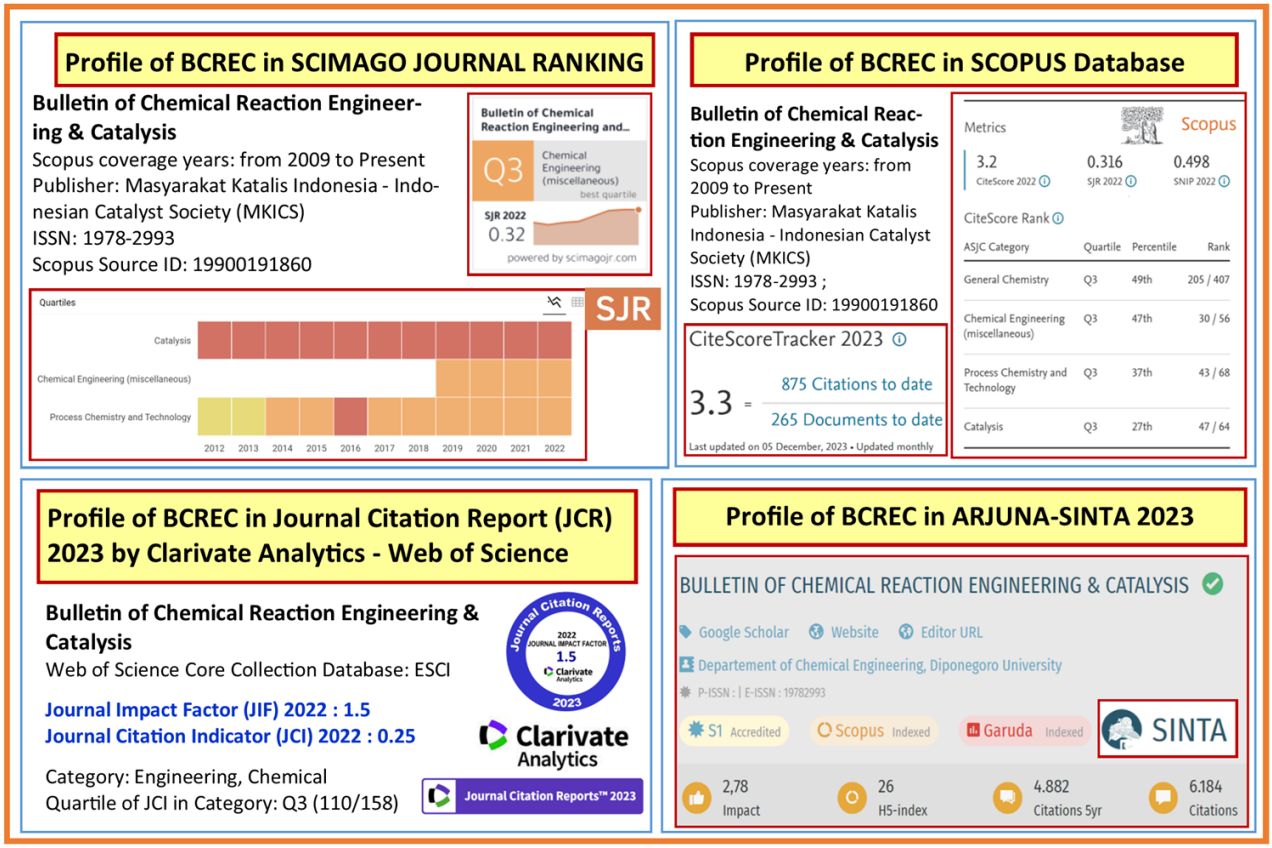
Fulltext PDFs of this journal have also been distributed around the world by EBSCO Publishing (Academic Search Complete, Academic Search Premiere, and Academic Search R&D packages) and ProQuest Databases started from Volume 4 Number 1 Year 2009 to present.

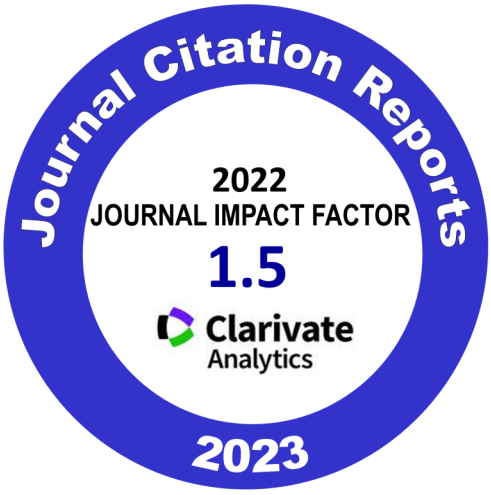
Available online at BCREC website: https://bcrec.id

Bulletin of Chemical Reaction Engineering & Catalysis, 18 (4), 2023, ii

JOURNAL CITATIONS AND IMPACT FACTOR ANALYSIS (2023)

* Scopus ID	: 19900191860
* SJR Scimago (2022)	: 0.316 (Q3)
* SNIP (2022)	: 0.498
* CiteScore Scopus (2022) / Percentile	: 3.2 (Q3) / 49th
* Journal Impact Factor (JIF) 2022 (JCR 2023)	: 1.5
* Journal Impact Factor (JIF) 2022 5-years (JCR 2023)	: 1.5
* Journal Citation Index (JCI) 2022 (Web of Science)	: 0.25 (Q3)





Available online at BCREC website: https://bcrec.id

Bulletin of Chemical Reaction Engineering & Catalysis, 18 (4), 2023, iii

INDEXING AND ABSTRACTING

Bulletin of Chemical Reaction Engineering & Catalysis (e-ISSN: 1978-2993) has been covered (indexed and abstracted) by following indexing services:

1. Scopus - (Elsevier)
2. EI-Compendex - Engineering Village
3. Scimago Journal Ranking (SJR)
4. Emerging Source Citation Index (ESCI) (by Web of Science - Clarivate Analytics)
5. Dimensions - Digital Science
6. ASEAN Citation Index (ACI)
7. SINTA 1 (Accredited Grade S1)
8. ProQuest (Fulltext) Databases
9. EBSCO (Fulltext) Databases
10. Chemical Abstract Service
11. Google Scholar
12. Directory of Open Access Journal (DOAJ)
13. Microsoft Academic
14. ResearchGate
15. ROAD ISSN (1978-2993)
16. WorldCat OCLC
17. CiteULike
18. Mendeley
19. SHERPA/RoMEO -
20. CrossRef Member
21. Index Copernicus
22. CABI Direct
23. SCIRUS - for scientific information
24. ULRICHSWEB Global Serial Directory

For detail please visit here: https://journal.bcrec.id/index.php/bcrec/pages/view/indexing.

Available online at BCREC website: https://bcrec.id

Bulletin of Chemical Reaction Engineering & Catalysis, 18 (4), 2023, iv

TABLE OF CONTENTS