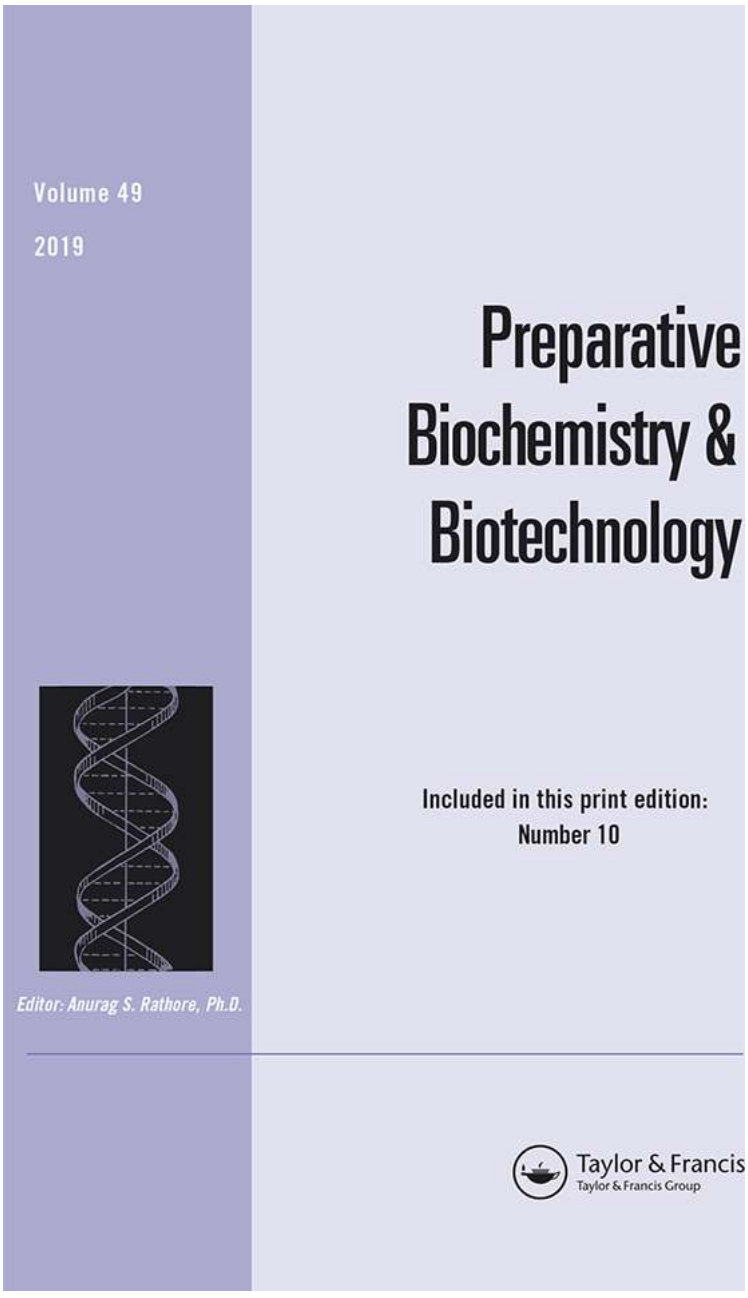
SYARAT TAMBAHAN USULAN GURU BESAR/PROFESOR

a/n. DR. JONI AGUSTIAN, S.T., M.Sc.

REVIEWER JURNAL INTERNASIONAL BEREPUTASI #03



Gmail

JONI AGUSTIAN <joni.agustian@eng.unila.ac.id>

Preparative Biochemistry & Biotechnology - Invitation to Review Manuscript ID LPBB-2015-0234

1 message

asrathore@biotechcmz.com <asrathore@biotechcmz.com> Tue, Aug 11, 2015 at 4:47 PM
To: joni.agustian@eng.unila.ac.id

11-Aug-2015

Dear Dr Joni Agustian:

The above manuscript, entitled "Treatment of simulated coking wastewater by a novel electro-chemical bio-fluidized bed reactor" has been submitted to Preparative Biochemistry & Biotechnology.

I would be pleased if you would kindly agree to act as a reviewer for this paper. The abstract appears at the end of this letter.

Please let me know as soon as possible if you will be able to accept my invitation to review. To do this please either click the appropriate link below to automatically register your reply with our online manuscript submission and review system, or e-mail me with your reply.

Agreed: https://mc.manuscriptcentral.com/lpbb?URL_MASK=5195164f062a4c7fb397affa8ef6143b

Declined: https://mc.manuscriptcentral.com/lpbb?URL_MASK=a19f46d5d4384859baaa5436770329dd

Unavailable: https://mc.manuscriptcentral.com/lpbb?URL_MASK=00f3e7de920a4570a563cfc9d2a1fd7d

Should you accept my invitation to review this manuscript, you will be notified via e-mail about how to access Manuscript Central, our online manuscript submission and review system. You will then have access to the manuscript and reviewer instructions in your Reviewer Center. We would like to receive the review in the next 3 weeks.

I realise that our expert reviewers greatly contribute to the high standards of the Journal, and I thank you for your present and/or future participation.

Sincerely,
Dr Rathore
Preparative Biochemistry & Biotechnology Editorial Office
asrathore@biotechcmz.com

MANUSCRIPT DETAILS

TITLE: Treatment of simulated coking wastewater by a novel electro-chemical bio-fluidized bed reactor

ABSTRACT: In this study, a novel bio-fluidized bed reactor was employed to treat simulated coking wastewater. The results showed that, when the biological system was operated under low temperature of 22 oC, electric current of 10 mA with the addition of 5 mg/L Cu2+, the nitrate removal rate can reach up to 17.94 mg/L/h. By the PCR-DGGE (Polymerase chain reaction-denaturing gradient gel electrophoresis) analysis, Pseudomonas sp. and Rhodobacter sp. appeared in the anaerobic condition when the electric current applied. It was proved that this reactor can accelerate the removals of nitrate and organic compounds with high efficiency.

Gmail JONI AGUSTIAN <joni.agustian@eng.unila.ac.id>

Thank you for submitting your review of Manuscript ID LPBB-2015-0234 for Preparative Biochemistry & Biotechnology

1 message

asrathore@biotechcmz.com <asrathore@biotechcmz.com> Thu, Aug 20, 2015 at 10:06 AM
To: joni.agustian@eng.unila.ac.id

19-Aug-2015

Dear Dr Joni Agustian:

Thank you for reviewing the above manuscript, entitled "Treatment of simulated coking wastewater by a novel electro-chemical bio-fluidized bed reactor" for Preparative Biochemistry & Biotechnology.

We greatly appreciate the voluntary contribution that each reviewer gives to the Journal. We hope that we may continue to seek your assistance with the refereeing process for Preparative Biochemistry & Biotechnology, and hope also to receive your own research papers that are appropriate to our aims and scope.

Sincerely,
Dr Rathore
Associate Editor, Preparative Biochemistry & Biotechnology
asrathore@biotechcmz.com

TREATMENT OF SIMULATED COKING WASTEWATER BY A NOVEL ELECTRO-CHEMICAL BIO-FLUIDIZED BED REACTOR

THIS PAPER DESCRIBES REMOVAL OF NITRATE AVAILABLE INSIDE COKING WASTEWATER BY USING ELECTROCHEMICAL BIOFLUIDISED BED REACTOR.

In this study, a novel bio-electrochemical system named bio-fluidized bed reactor (BFBR), was employed to enhance removal of nitrate and organic compounds efficiently.
The temperature, electric current and metal electrolyte were optimized for the bio-electrochemical process.

Additionally, the microbial communities in the BFBR were investigated by PCR-DGGE analysis. … why???

Novelty of research: it is difficult to understand the novelty of this research. Although it states a novel word in the title, but no explanation of novelty could be known from the introduction part.
English language must be improved, as many parts sound not English.
The results discussion must be elucidated further by describing the results and justification of the results.

ABSTRACT: background available, no aim(s) explained,
Line 23: … energy industry: must be defined clearly what type of energy???
Line 25: … better to use recent references …
Line 27: … "hard to survival" change into "hard to survive"

RESULTS AND DISCUSSIONS

Effect of temperature on nitrogen and organic compounds removal

Need to justify the results by comparing with general knowledge of removal performance.
Not deep.
Need to explore more more.
Figure 2: the sampling conditions must be informed

Effect of electric current on nitrogen and organic compounds removal

Figure 3: the process conditions for samples must be stated
More discussion need to be explored and the results must be justified.

Effect of metal electrolyte on nitrate and organic compounds removal

Figure 4: the process conditions must be stated.
Data were collected at 10 mA current, whilst the excellent current was 5 mA. Why not compared???
Need to justify the results.

PCR–DGGE analysis of microbial community in BFBR

????

CONCLUSIONS

Results of the process must be stated in this part.

Source details

Preparative Biochemistry and Biotechnology

Formerly known as: Preparative Biochemistry

Scopus coverage years: from 1996 to Present

Publisher: Taylor & Francis

ISSN: 1082-6068 E-ISSN: 1532-2297

Subject area: Biochemistry, Genetics and Molecular Biology: Biotechnology

Biochemistry, Genetics and Molecular Biology: Biochemistry

CiteScore 2019
2.3

SJR 2019
0.362

SNIP 2019
0.505

View all documents > Set document alert Save to source list Source Homepage

CiteScore CiteScore rank & trend Scopus content coverage

Improved CiteScore methodology

CiteScore 2019 counts the citations received in 2016-2019 to articles, reviews, conference papers, book chapters and data papers published in 2016-2019, and divides this by the number of publications published in 2016-2019. Learn more >

CiteScore 2019

$$2.3 = \frac{1{,}063 \text{ Citations 2016 - 2019}}{470 \text{ Documents 2016 - 2019}}$$

Calculated on 06 May, 2020

CiteScoreTracker 2020

$$2.6 = \frac{1{,}249 \text{ Citations to date}}{486 \text{ Documents to date}}$$

Last updated on 07 February, 2021 • Updated monthly

CiteScore rank 2019

Category	Rank	Percentile
Biochemistry, Genetics and Molecular Biology — Biotechnology	#159/275	42nd
Biochemistry, Genetics and Molecular Biology — Biochemistry	#301/407	26th

View CiteScore methodology > CiteScore FAQ > Add CiteScore to your site

Preparative Biochemistry and Biotechnology

COUNTRY

United States

Universities and research institutions in United States

SUBJECT AREA AND CATEGORY

Biochemistry, Genetics and Molecular Biology
Biochemistry
Biotechnology

Medicine
Medicine (miscellaneous)

PUBLISHER

Taylor and Francis Ltd.

H-INDEX

27

PUBLICATION TYPE

Journals

ISSN

10826068, 15322297

COVERAGE

1996-2020

INFORMATION

Homepage

How to publish in this journal

SCOPE

Preparative Biochemistry & Biotechnology is an international forum for rapid dissemination of high quality research results dealing with all aspects of preparative techniques in biochemistry, biotechnology and other life science disciplines. Scope includes: -Techniques pertinent to clarification, isolation, enrichment, and purification of biotech products -Products in areas of human therapeutics, biofuels, plant biotechnology, animal biotechnology, food processing, and environmental biotechnology -Unit operations including fermentation/ cell culture, centrifugation, depth filtration, homogenization, chromatography, ultrafiltration, diafiltration, refolding, viral filtration, viral inactivation, sterile filtration, extraction, two phase separation, precipitation, osmotic shock, and lyophilization -Industrial applications involving preparative processing Priority will be given to novel results that are likely to have major impact on the respective research area.

FIND SIMILAR JOURNALS

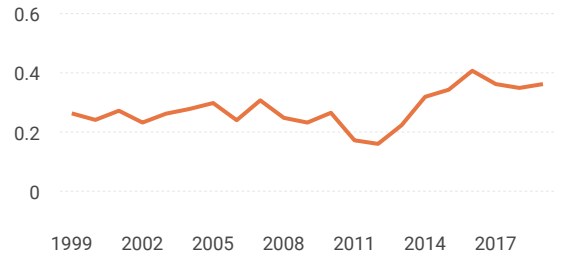
1
Process Biochemistry
GBR
84%
similarity

2
Applied Biochemistry and Biotechnology
USA
76%
similarity

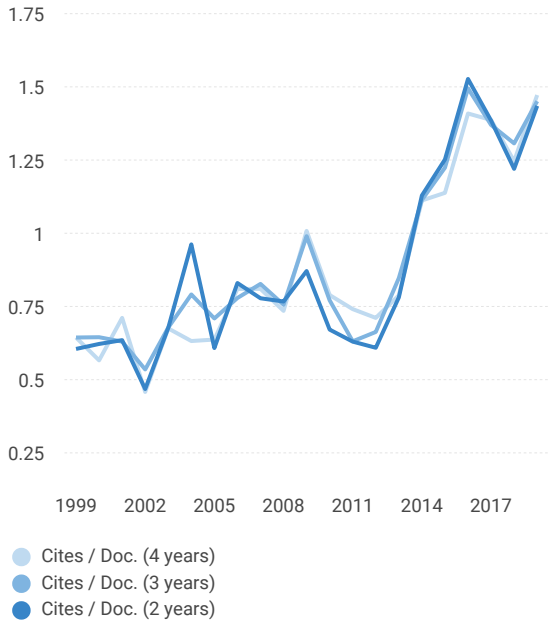
3
Bioresources and Bioprocessing
GBR
75%
similarity

4
Biotechnolo
NLD
7
s

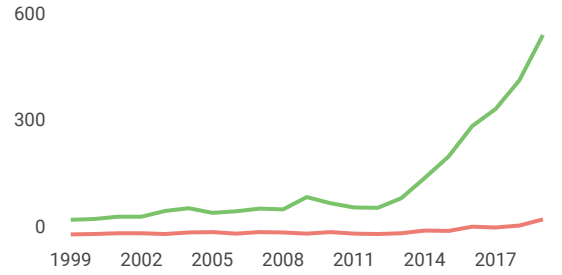
SJR



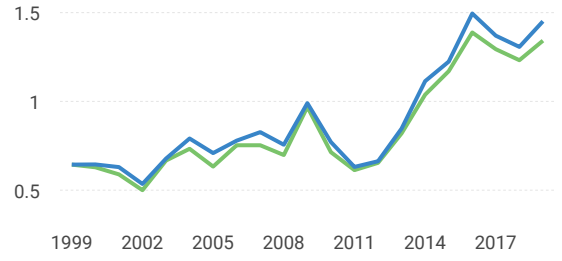
Citations per document



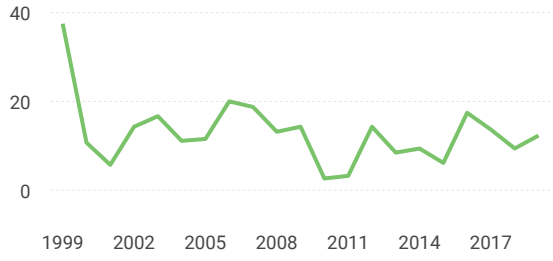
Total Cites Self-Cites



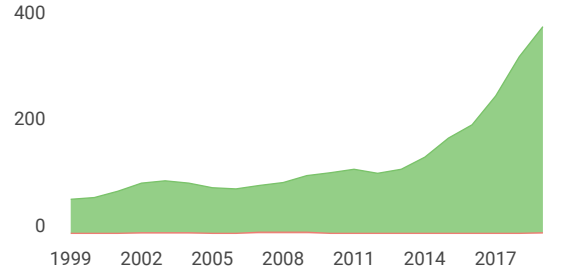
External Cites per Doc Cites per Doc



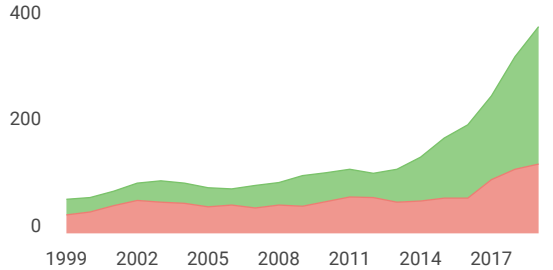
% International Collaboration



Citable documents Non-citable documents



Cited documents Uncited documents



← Show this widget in your own website

Just copy the code below and paste within your html code:

<a href="https://www.scimag

Metrics based on Scopus® data as of April 2020

Leave a comment

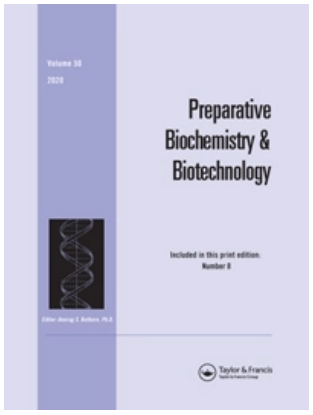
Name

Email
(will not be published)

I'm not a robot
reCAPTCHA
Privacy - Terms

Submit

The users of Scimago Journal & Country Rank have the possibility to dialogue through comments linked to a specific journal. The purpose is to have a forum in which general doubts about the processes of publication in the journal, experiences and other issues derived from the publication of papers are resolved. For topics on particular articles, maintain the dialogue through the usual channels with your editor.



Preparative Biochemistry & Biotechnology

2019 Impact Factor
1.415

Latest articles

Article

Ion-exchange medium coated with abundant small zwitterions for the purification of soluble proteins >

Chen et al.

Published online: 23 Sep 2020

Article

Journal

Preparative Biochemistry & Biotechnology ›

About this journal

Aims and scope

Preparative Biochemistry & Biotechnology is an international forum for rapid dissemination of high quality research results dealing with all aspects of **preparative** techniques in biochemistry, biotechnology and other life science disciplines. Scope includes:

- Techniques pertinent to clarification, isolation, enrichment, and purification of biotech products
- Products in areas of human therapeutics, biofuels, plant biotechnology, animal biotechnology, food processing, and environmental biotechnology
- Unit operations including fermentation/ cell culture, centrifugation, depth filtration, homogenization, chromatography, ultrafiltration, diafiltration, refolding, viral filtration, viral inactivation, sterile filtration, extraction, two phase separation, precipitation, osmotic shock, and lyophilization
- Industrial applications involving preparative processing

Priority will be given to novel results that are likely to have major impact on the respective research area.

Readership

Readership includes chemists, biotechnologists, engineers, physicists, and life scientists involved in discovery, development, or manufacturing of products in the areas of human therapeutics, biofuels, plant biotechnology, animal biotechnology, food processing, and environmental biotechnology.

Peer Review Policy

All submitted manuscripts are subject to initial appraisal by the Editor, and if found suitable for further consideration, will be peer-reviewed by independent and anonymous expert referees. All peer review is double blind and submission is online via ScholarOne Manuscripts.

Publishing Ethics Statement

The Journal adheres to the highest standards of publishing ethics, with rigorous processes in place to ensure this is achieved. Taylor & Francis is a member of Committee of Publication Ethics (COPE) and utilizes Similarity Check via CrossRef for all journals. More information on our ethical standards and policies can be found here: http://authorservices.taylorandfrancis.com/ethics-for-authors/.
The Journal has an appeals and complaints policy which can be viewed here: https://authorservices.taylorandfrancis.com/peer-review-appeals-and-complaints-from-authors/.

Publication office: Taylor & Francis Group, 530 Walnut Street, Suite 850, Philadelphia, PA 19106

Readership includes chemists, biotechnologists, engineers, physicists and life scientists working in biochemistry, pharmaceuticals, molecular and cell biology, agrochemistry, natural products, genetic engineering, bioengineering, fermentation chemistry, cloning and stem cells.
Authors can choose to publish gold open access in this journal.

Read the Instructions for Authors for information on how to submit your article.

Journal

Preparative Biochemistry & Biotechnology ›

About this journal

Editorial board