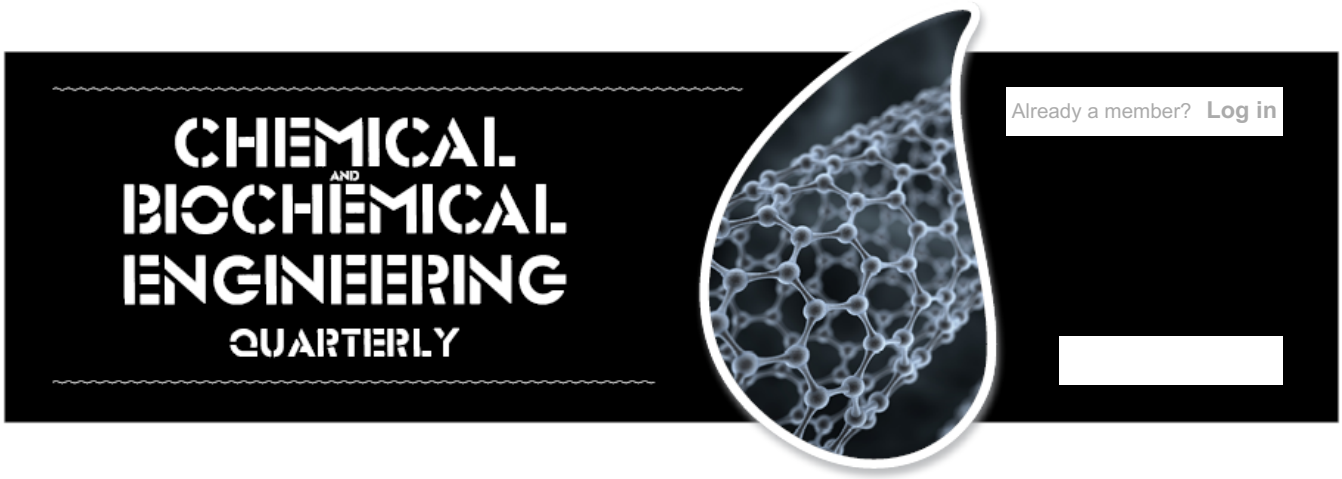


Home
About
Impressum
Top Articles
Past Issues
News & Links
Retracted
Subscription
Copyright Policy

AUTHORS
Submit Article
Instructions to authors
FAQ

REVIEWERS
Reviewer guidelines
FAQ

About the Journal

THE OFFICIAL JOURNAL OF
CROATIAN SOCIETY OF CHEMICAL ENGINEERS,
FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY, University of Zagreb
SLOVENIAN CHEMICAL SOCIETY AND
AUSTRIAN ASSOCIATION OF BIOPROCESS TECHNOLOGY

UDC 66
Coden CBEQEZ
Online ISSN 1846-5153
Print ISSN 0352-9568
https://doi.org/10.15255/CABEQ
http://hrcak.srce.hr/cabeq

Chemical and Biochemical Engineering Quarterly is cited by: Current Contents, Web of Science – Science Citation Index Expanded, Scopus, EI Compendex, Inspec, PASCAL, Science Citation Index, Chemical Abstracts, Chemical Engineering Abstracts, Chemical Engineering and Biotechnology Abstracts, Current Biotechnology Abstracts, Chemischer Informationsdienst, EBSCO Host – Academic Search Complete, J-Gate, Knovel®, Kurzberüchte Chemische Technik und Biotechnologie, Referativnyi Zhurnal, Theoretical Chemical Engineering Abstracts, SHERPA/RoMEO, Biotechnology Citation Index, Directory of Open Access Journals (DOAJ), ULRICHSWEB i BIOSIS Previews.

IF and number of published papers

IMPACT FACTOR for 2018 is **0.859**
Number of published papers in 2018: **48**

Plagiarism policy

Editorial office uses online plagiarism tool (**CrossRef Similarity Check**) to check the submitted papers. In case the editorial office and reviewers determine that non-original (plagiarised) paper has been submitted, that paper is **immediately excluded from the editorial evaluation process** and **authors are losing the possibility of future submission and publication in the journal**.
Additional useful free online tools for plagiarism check:
1. Free Plagiarism Detection Online – http://plagiarisma.net
2. Advanced Plagiarism Checker Online – https://searchenginereports.net/plagiarism-checker/

Aim and Scope

The journal provides an international forum for presentation of original papers, reviews and discussions on the latest developments in chemical and biochemical engineering. The scope of the journal is wide and no limitation except relevance to chemical and biochemical engineering is required.
The criteria for the acceptance of papers are originality, quality of work and clarity of style. All papers are subject to reviewing by at least two international experts (**blind peer review**).
The language of the journal is English. Final versions of the manuscripts are subject to metric (SI units and IUPAC recommendations) and English language reviewing.
Editor and Editorial board make the final decision about acceptance of a manuscript.
Page charges are excluded.

Types of contributions

The journal publishes original scientific papers, professional papers, reviews and conference papers. In the appendix, the journal published technical news, book reviews and society news.

CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY

Home
About
Impressum
Top Articles
Past Issues
News & Links
Retracted
Subscription
Copyright Policy

AUTHORS
Submit Article
Instructions to authors
FAQ

REVIEWERS
Reviewer guidelines
FAQ

Impressum

PUBLISHED BY
Croatian Society of Chemical Engineers, Berislaviceva 6/I, 10 000 Zagreb, Croatia

Since 2000 CABEQ is published on Internet.

Published: quarterly

Phone: +385 1 4605 021, +385 1 4872 490 (fax)

Complete Impressum

Reader
Current Issue
Past Issues
Subscription

Authors
Submit Article
Instructions
Paper Status

Reviewers
Reviewers Guidelines

CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY

32 (3) 2018

CABEQ 32 (3) (2018) 281-390

The official journal of Faculty of Chemical Engineering and Technology University of Zagreb
Published by Croatian Society of Chemical Engineers

Contents

Original Scientific Paper

Subscription Paper Status

Source details

Chemical and Biochemical Engineering Quarterly

Open Access

Scopus coverage years: 1987, from 1996 to 2019

Publisher: Hrvatsko Drustvo Kemijskih Inzenjera i Tehnologa/Croatian Society of Chemical Engineers

ISSN: 0352-9568 E-ISSN: 1846-5153

Subject area: Chemistry: General Chemistry | Chemical Engineering: Process Chemistry and Technology | Biochemistry, Genetics and Molecular Biology: Biochemistry

CiteScore 2018
1.65
Add CiteScore to your site

SJR 2018
0.358

SNIP 2018
0.657

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

CiteScore | CiteScore rank & trend | CiteScore presets | Scopus content coverage

CiteScore 2018

$$1.65 = \frac{\text{Citation Count 2018}}{\text{Documents 2015 - 2017*}} = \frac{\text{262 Citations}}{\text{159 Documents}}$$

Calculated using data from 30 April, 2019

*CiteScore includes all available document types

View CiteScore methodology > CiteScore FAQ >

CiteScoreTracker 2019

$$1.30 = \frac{\text{Citation Count 2019}}{\text{Documents 2016 - 2018}} = \frac{\text{208 Citations to date}}{\text{160 Documents to date}}$$

Last updated on *08 January, 2020*
Updated monthly

CiteScore rank

Category	Rank	Percentile
Chemistry — General Chemistry	#160/370	56th
Chemical Engineering — Process Chemistry and Technology	#27/59	55th

View CiteScore trends >

Metrics displaying this icon are compiled according to Snowball Metrics ↗, a collaboration between industry and academia.

Chemical and Biochemical Engineering Quarterly

33

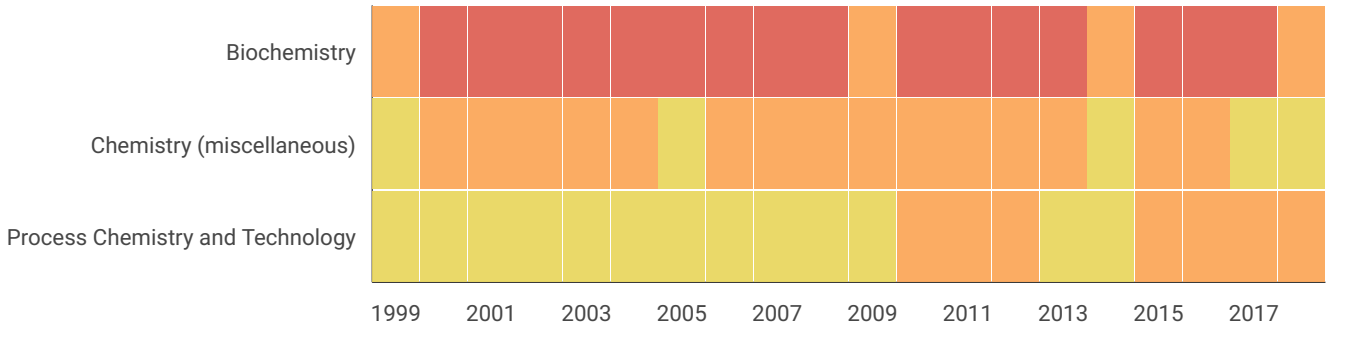
H Index

Country	Croatia - SIR Ranking of Croatia
Subject Area and Category	Biochemistry, Genetics and Molecular Biology Biochemistry Chemical Engineering Process Chemistry and Technology Chemistry Chemistry (miscellaneous)
Publisher	Hrvatsko Drustvo Kemijskih Inzenjera i Tehnologa/Croatian Society of Chemical Engineers
Publication type	Journals
ISSN	03529568
Coverage	1987, 1996-ongoing
Scope	The initiative to start with publication of a new journal Chemical and Biochemical Engineering Quarterly (CABEQ) as a part of European Alpe-Adria initiative for regional cooperation is described. Given are the main goals for the new journal published by Croatian Association of Chemical Engineers, formation of the international editorial board, and experiences gained during 15 years of publishing. Presented are statistical data on published papers, country of origin of authors, and classification of papers into chemical and biochemical engineering fields. The experiences gained during the last two years with publishing on Internet and planned activities in future are also presented.

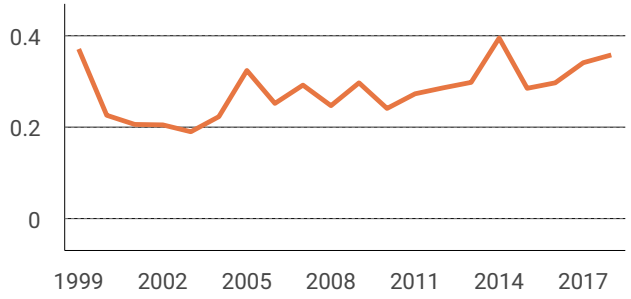
Homepage

Join the conversation about this journal

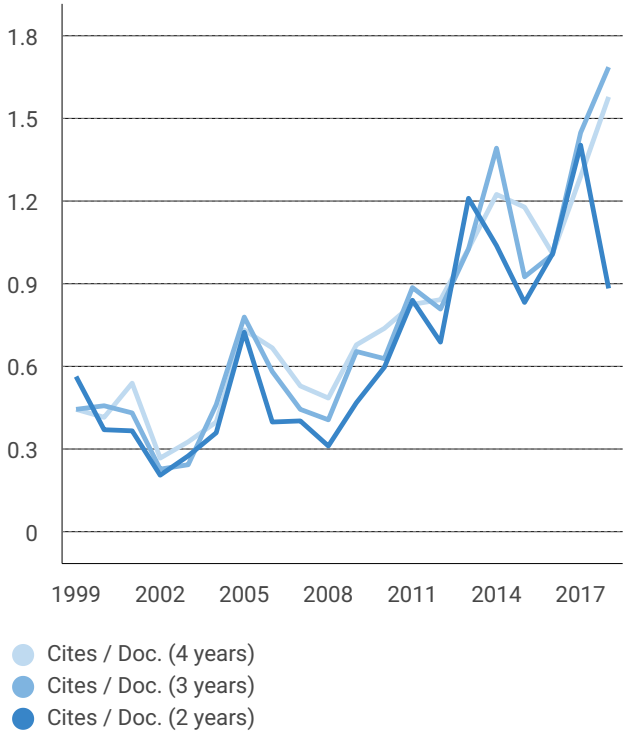
Quartiles



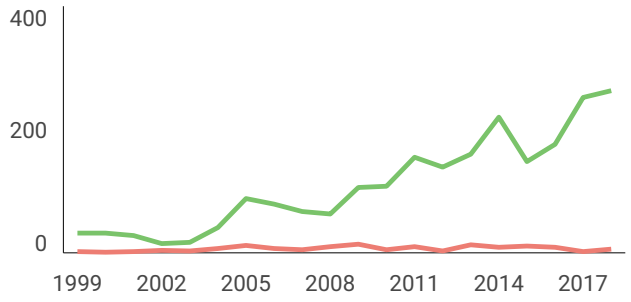
SJR



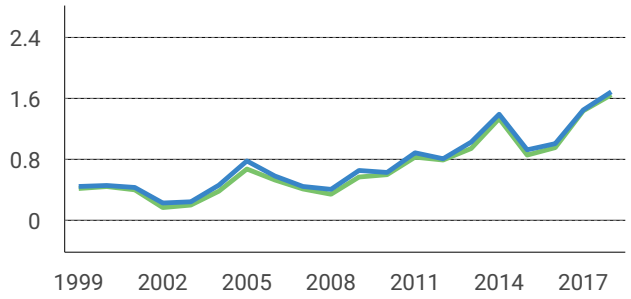
Citations per document



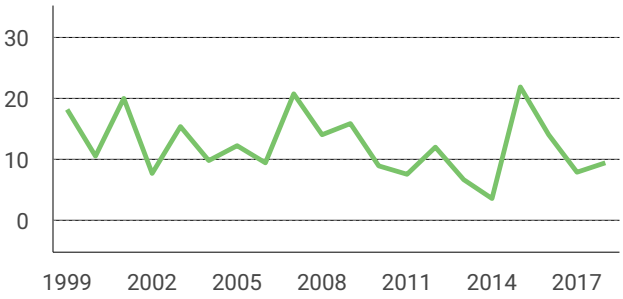
Total Cites Self-Cites



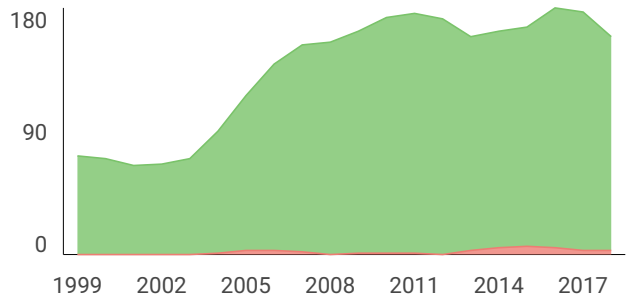
External Cites per Doc Cites per Doc



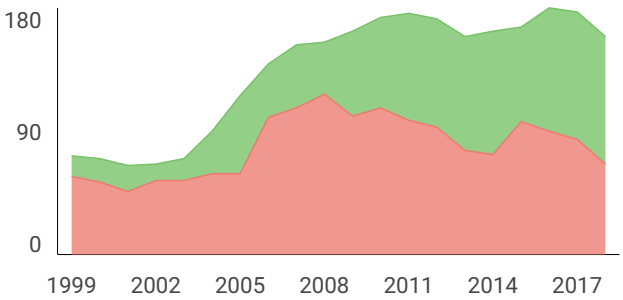
% International Collaboration



Citable documents Non-citable documents



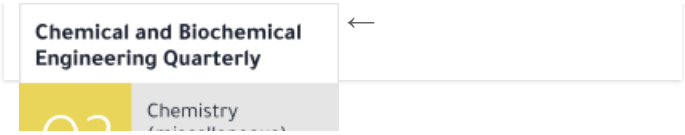
Cited documents Uncited documents



Show this widget in your own website

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

```
<a href="https://www.scima
```



Ismail Marzuki 11 months ago

Dear
Editor in Chief Journal of Chemical and Biochemistry Engineering Quartely
I am very inhttps://www.google.com/url?sa=t

reply

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.

Developed by: Powered by:

Follow us on @ScimagoJR

EST MODUS IN REBUS
Horatio (Satire 1,1,106)

Chemical and Biochemical Engineering Quarterly Open Access
Volume 32, Issue 3, October 2018, Pages 325-334

Ultrafiltration membrane for degumming of crude palm oil-isopropanol mixture (Article) (Open Access)

Aryanti, N.[a,b], Wardhani, D.H.[a], Nafiunisa, A.[a]

[a]Department of Chemical Engineering, Diponegoro University, Indonesia
[b]Membrane Research Centre (MeR-C), Diponegoro University, Indonesia

Abstract

View references (44)

Ultrafiltration (UF) is a membrane technology that has been applied for crude palm oil (CPO) degumming. It is considered as an alternative for the conventional CPO degumming technology because of its lower energy consumption, no need for the addition of chemicals, and almost no loss of natural oil. In this research, we separated a CPO-isopropanol mixture via laboratory-made flat-sheet polyethersulfone (PES) UF. Flux profiles confirmed that the increase in the CPO concentration resulted in lower fluxes. However, increasing the temperature from 30 °C to 45 °C initially raised the flux, but it was further decreased when the feed temperature was raised from 40 °C to 45 °C. Using UF of the CPO-isopropanol mixture at crude oil concentrations of 30 % and 40 %, we were able to reject more than 99 % phospholipids and nearly 93 % phospholipids, respectively. However, the separation of free fatty acids using this process was ineffective due to the small size of free fatty acids. Through the evaluation of the blocking mechanism in the Hermia model, it was proposed that the standard and intermediate blocking were the dominant mechanisms of filtration of CPO at a concentration of 30 and 40 %, and 50 and 60 %, respectively.

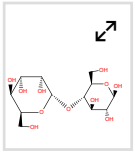
SciVal Topic Prominence

Topic: Nanofiltration | Membranes | OSN membranes

Prominence percentile: 97.950

Chemistry database information

Substances



Author keywords

Crude palm oil | Degumming | Ultrafiltration

Indexed keywords

Engineering controlled terms: Crude oil | Degumming | Energy utilization | Fatty acids | Membrane technology | Mixtures | Phospholipids | Ultrafiltration

Engineering uncontrolled terms: Blocking mechanisms | Crude palm oil | Dominant mechanism | Feed temperature | Isopropanol mixtures | Oil concentration | Polyethersulfones | Ultra-filtration membranes

Engineering main heading: Palm oil

Funding details

Funding sponsor	Funding number	Acronym
Ministry of Science Research and Technology		
Foundation for Fundamental Research on Matter		

Funding text

Luh Astla Diva Savitri and Asih Mustika Sari were appreciated for their valuable research assistance. NA acknowledges the Directorate of Research and Community Service, Ministry of Research and Higher Technology, the Republic of Indonesia for the financial support. The research was funded by the Fundamental Research Grant.

ISSN: 03529568
CODEN: CBEQE
Source Type: Journal
Original language: English
DOI: 10.15255/CABEQ.2017.1244
Document Type: Article
Publisher: Assoc. of Chemists and Chemical Engineers of Croatia

References (44)

View in search results format >

All | Export | Print | E-mail | Save to PDF | Create bibliography

1 Subramanian, R., Nakajima, M., Raghavarao, K.S.M.S., Kimura, T.
Processing vegetable oils using nonporous denser polymeric composite membranes
(2004) *JAOCS, Journal of the American Oil Chemists' Society*, 81 (4), pp. 313-322. Cited 44 times.
http://www.aocs.org/press
doi: 10.1007/s11746-004-0901-z
View at Publisher

2 Mba, O.I., Dumont, M.-J., Ngadi, M.
Palm oil: Processing, characterization and utilization in the food industry - A review
(2015) *Food Bioscience*, 10, pp. 26-41. Cited 99 times.
http://www.journals.elsevier.com/food-bioscience/
doi: 10.1016/j.fbio.2015.01.003
View at Publisher

3 Arora, S., Manjula, S., Gopala Krishna, A.G., Subramanian, R.
Membrane processing of crude palm oil
(2006) *Desalination*, 191 (1-3), pp. 454-466. Cited 28 times.
doi: 10.1016/j.desal.2005.04.129
View at Publisher

4 Basiron, Y.
Palm oil production through sustainable plantations
(2007) *European Journal of Lipid Science and Technology*, 109 (4), pp. 289-295. Cited 304 times.
doi: 10.1002/ejlt.200600223
View at Publisher

5 Banu, M., Siddaramaiah, Prasad, N.
Radical scavenging activity of tertiary butyl hydroquinone and assessment of stability of palm oil (Elaeis guineensis) by ultrasonic studies (Open Access)

(2016) *Chemical and Biochemical Engineering Quarterly*, 30 (4), pp. 477-487. Cited 2 times.
http://hrcak.srce.hr/file/254191
doi: 10.15255/CABEQ.2015.2185

View at Publisher

6 Edem, D.O.
Palm oil: Biochemical, physiological, nutritional, hematological, and toxicological aspects: A review

(2002) *Plant Foods for Human Nutrition*, 57 (3-4), pp. 319-341. Cited 233 times.
doi: 10.1023/A:1021828132707

View at Publisher

7 Md Sarip, M.S., Morad, N.A., Yamashita, Y., Tsuji, T., Yunus, M.A.C., Aziz, M.K.A., Lam, H.L.
Crude palm oil (CPO) extraction using hot compressed water (HCW)

(2016) *Separation and Purification Technology*, 169, pp. 103-112. Cited 8 times.
http://www.journals.elsevier.com/separation-and-purification-technology/
doi: 10.1016/j.seppur.2016.06.001

View at Publisher

8 Wang, T.
Soybean Oil

(2011) *Vegetable Oils in Food Technology: Composition, Properties and Uses, Second Edition*, pp. 59-105. Cited 6 times.
http://onlinelibrary.wiley.com/book/10.1002/9781444339925
ISBN: 978-144433268-1
doi: 10.1002/9781444339925.ch3

View at Publisher

9 Fornasero, M.L., Marenchino, R.N., Pagliero, C.L.
Deacidification of soybean oil combining solvent extraction and membrane technology (Open Access)

(2013) *Advances in Materials Science and Engineering*, 2013, art. no. 646343. Cited 6 times.
doi: 10.1155/2013/646343

View at Publisher

10 Liu, K.-T., Liang, F.-L., Lin, Y.-F., Tung, K.-L., Chung, T.-W., Hsu, S.-H.
A novel green process on the purification of crude Jatropha oil with large permeate flux enhancement

(2013) *Fuel*, 111, pp. 180-185. Cited 4 times.
doi: 10.1016/j.fuel.2013.04.049

View at Publisher

11 de Morais Coutinho, C., Chiu, M.C., Basso, R.C., Ribeiro, A.P.B., Gonçalves, L.A.G., Viotto, L.A.
State of art of the application of membrane technology to vegetable oils: A review

(2009) *Food Research International*, 42 (5-6), pp. 536-550. Cited 91 times.
doi: 10.1016/j.foodres.2009.02.010

View at Publisher

12 Ladhe, A.R., Krishna Kumar, N.S.
Application of Membrane Technology in Vegetable Oil Processing

(2010) *Membrane Technology*, pp. 63-78. Cited 9 times.
http://www.sciencedirect.com/science/book/9781856176323
ISBN: 978-185617632-3
doi: 10.1016/B978-1-85617-632-3.00005-7

View at Publisher

13 Ong, K.K., Fakhru'l-Razi, A., Baharin, B.S., Hassan, M.A.
Degumming of crude palm oil by membrane filtration

(1999) *Artificial Cells, Blood Substitutes, and Immobilization Biotechnology*, 27 (5-6), pp. 381-385. Cited 9 times.
www.tandf.co.uk/journals/titles/10731199.asp
doi: 10.3109/10731199909117707

View at Publisher

14 Lai, S.O., Heng, S.L., Chong, K.C., Lau, W.J.
Deacidification of palm oil using solvent extraction integrated with membrane technology

(2016) *Jurnal Teknologi*, 78 (12), pp. 69-74.
http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/article/download/10069/6017
doi: 10.11113/jt.v78.10069

View at Publisher

15 Azmi, R.A., Goh, P.S., Ismail, A.F., Lau, W.J., Ng, B.C., Othman, N.H., Noor, A.M., (...), Yusoff, M.S.A.
Deacidification of crude palm oil using PVA-crosslinked PVDF membrane

(2015) *Journal of Food Engineering*, 166, pp. 165-173. Cited 12 times.
http://www.sciencedirect.com/science/journal/02608774
doi: 10.1016/j.jfoodeng.2015.06.001

View at Publisher

16 Purwasasmita, M., Nabu, E.B.P., Khoiruddin, Wenten, I.G.
Non dispersive chemical deacidification of crude palm oil in hollow fiber membrane contactor (Open Access)

(2015) *Journal of Engineering and Technological Sciences*, 47 (4), pp. 426-446. Cited 27 times.
http://journals.itb.ac.id/index.php/jets/article/download/475/1049
doi: 10.5614/j.eng.technol.sci.2015.47.4.6

View at Publisher

17 Majid, R.A., May, C.Y., Mohamad, A.W.
Performance of polymeric membranes for phospholipid removal from residual palm fibre oil/hexane miscella

(2013) *Journal of Oil Palm Research*, 25 (AUG), pp. 253-264. Cited 3 times.
http://palmoilis.mpob.gov.my/publications/joprv25aug2013-rusnani.pdf

18 Ochoa, N., Pagliero, C., Marchese, J., Mattea, M.
Ultrafiltration of vegetable oils degumming by polymeric membranes

(2001) *Separation and Purification Technology*, 22-23, pp. 417-422. Cited 70 times.
doi: 10.1016/S1383-5866(00)00178-7

View at Publisher

19 Liu, K.-T., Liang, F.-L., Lin, Y.-F., Tung, K.-L., Chung, T.-W., Hsu, S.-H.
A novel green process on the purification of crude Jatropha oil with large permeate flux enhancement

(2013) *Fuel*, 111, pp. 180-185. Cited 4 times.
doi: 10.1016/j.fuel.2013.04.049

View at Publisher

20 Cheryan, M.
Membrane technology in the vegetable oil industry

(2005) *Membrane Technology*, 2005 (2), pp. 5-7. Cited 35 times.
http://www.sciencedirect.com/science/journal/09582118
doi: 10.1016/S0958-2118(05)70387-6

View at Publisher

21 Said, M., Ahmad, A., Mohammad, A.W., Nor, M.T.M., Sheikh Abdullah, S.R.
Blocking mechanism of PES membrane during ultrafiltration of POME

(2015) *Journal of Industrial and Engineering Chemistry*, 21, pp. 182-188. Cited 31 times.
http:www.sciencedirect.com/science/journal/1226086X
doi: 10.1016/j.jiec.2014.02.023

View at Publisher

22 Shi, X., Tal, G., Hankins, N.P., Gitis, V.
Fouling and cleaning of ultrafiltration membranes: A review

(2014) *Journal of Water Process Engineering*, 1, pp. 121-138. Cited 220 times.
http://www.journals.elsevier.com/journal-of-water-process-engineering/
doi: 10.1016/j.jwpe.2014.04.003

View at Publisher

23 Ng, C.Y., Mohammad, A.W., Ng, L.Y., Jahim, J.M.
Membrane fouling mechanisms during ultrafiltration of skimmed coconut milk

(2014) *Journal of Food Engineering*, 142, pp. 190-200. Cited 23 times.
http://www.sciencedirect.com/science/journal/02608774
doi: 10.1016/j.jfoodeng.2014.06.005

View at Publisher

24 Guo, X., Gao, W., Li, J., Hu, W.
Fouling and cleaning characteristics of ultrafiltration of hydrophobic dissolved organic matter by a polyvinyl chloride hollow fiber membrane

(2009) *Water Environment Research*, 81 (6), pp. 626-632. Cited 4 times.
http://docserver.ingentaconnect.com/deliver/connect/wef/10614303/v81n6/s8.pdf?expires=1261882936&id=54126926&titleid=11548&accname=Elsevier+Science&checksum=7CD1D76063DF462E1641DFADA9DEF734
doi: 10.2175/106143008X370368

View at Publisher

25 Corbatón-Báguena, M.-J., Álvarez-Blanco, S., Vincent-Vela, M.-C.
Fouling mechanisms of ultrafiltration membranes fouled with whey model solutions

(2015) *Desalination*, 360, pp. 87-96. Cited 38 times.
doi: 10.1016/j.desal.2015.01.019

View at Publisher

26 Vincent Vela, M.C., Álvarez Blanco, S., Lora García, J., Bergantiños Rodríguez, E.
Analysis of membrane pore blocking models adapted to crossflow ultrafiltration in the ultrafiltration of PEG

(2009) *Chemical Engineering Journal*, 149 (1-3), pp. 232-241. Cited 75 times.
doi: 10.1016/j.cej.2008.10.027

View at Publisher

27 Wibisono, Y., Nugroho, W.A., Chung, T.-W.
Dry degumming of corn-oil for biodiesel using a tubular ceramic membrane
(2014) *Proc. Chem.*, 9, p. 210. Cited 9 times.

28 Aryanti, N., Sandria, F.K.I., Putriadi, R.H., Wardhani, D.H.
Evaluation of micellar-enhanced ultrafiltration (MEUF) membrane for dye removal of synthetic Remazol dye wastewater (Open Access)

(2017) *Engineering Journal*, 21 (3), pp. 23-35. Cited 2 times.
http://engj.org/index.php/ej/article/view/1318/571
doi: 10.4186/ej.2017.21.3.23

View at Publisher

29 Aryanti, N., Wardhani, D.H., Supandi, S.
Flux profiles and mathematical modeling of fouling mechanism for ultrafiltration of konjac glucomannan

(2016) *Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry*, 17 (2), pp. 125-137. Cited 8 times.
http://pubs.ub.ro/?pg=revues&rev=cscc6

30 Aryanti, N., Ika Sandria, F.K., Wardhani, D.H.
Blocking mechanism of ultrafiltration and micellar-enhanced ultrafiltration membrane for dye removal from model waste water

(2017) *Advanced Science Letters*, 23 (3), pp. 2598-2600. Cited 3 times.
http://www.ingentaconnect.com/contentone/asp/asl/2017/00000023/00000003/art00282
doi: 10.1166/asl.2017.8730

View at Publisher

31 HERMIA, J.
CONSTANT PRESSURE BLOCKING FILTRATION LAWS - APPLICATION TOPOWER-LAW NON-NEWTONIAN FLUIDS.

(1982) *TRANS INST CHEM ENG*, V 60 (N 3), pp. 183-187. Cited 863 times.

32 Amin, I.N.H.M., Mohammad, A.W., Markom, M., Peng, L.C., Hilal, N.
Analysis of deposition mechanism during ultrafiltration of glycerin-rich solutions

(2010) *Desalination*, 261 (3), pp. 313-320. Cited 16 times.
http://www.sciencedirect.com
doi: 10.1016/j.desal.2010.04.016

View at Publisher

33 de Melo, J.R.M., Tres, M.V., Steffens, J., Vladimir Oliveira, J., Di Luccio, M.
Desolventizing organic solvent-soybean oil miscella using ultrafiltration ceramic membranes

(2015) *Journal of Membrane Science*, 475, pp. 357-366. Cited 9 times.
www.elsevier.com/locate/memsci
doi: 10.1016/j.memsci.2014.10.029

View at Publisher

34 Velu, S., Muruganandam, L., Arthanareeswaran, G.
Preparation and performance studies on polyethersulfone ultrafiltration membranes modified with gelatin for treatment of tannery and distillery wastewater (Open Access)

(2015) *Brazilian Journal of Chemical Engineering*, 32 (1), pp. 179-189. Cited 10 times.
http://www.scielo.br/readcube/epdf.php?doi=10.1590/0104-6632.20150321s00002965&pid=S0104-66322015001700179&pdf_path=bjce/v32n1/0104-6632-bjce-32-1-0179.pdf
doi: 10.1590/0104-6632.20150321s00002965

View at Publisher

35 Vankelecom, I.F.J., De Smet, K., Gevers, L.E.M., Livingston, A., Nair, D., Aerts, S., Kuypers, S., (...), Jacobs, P.A.

Physico-chemical interpretation of the SRNF transport mechanism for solvents through dense silicone membranes

(2004) *Journal of Membrane Science*, 231 (1-2), pp. 99-108. Cited 108 times.
www.elsevier.com/locate/memsci
doi: 10.1016/j.memsci.2003.11.007

View at Publisher

36 MacHado, D.R., Hasson, D., Semiat, R.

Effect of solvent properties on permeate flow through nanofiltration membranes. Part I: Investigation of parameters affecting solvent flux

(1999) *Journal of Membrane Science*, 163 (1), pp. 93-102. Cited 182 times.
doi: 10.1016/S0376-7388(99)00158-1

View at Publisher

37 de Souza Araki, M., de Morais Coutinho, C., Gonçalves, L.A.G., Viotto, L.A.

Solvent permeability in commercial ultrafiltration polymeric membranes and evaluation of the structural and chemical stability towards hexane

(2010) *Separation and Purification Technology*, 71 (1), pp. 13-21. Cited 26 times.
doi: 10.1016/j.seppur.2009.10.005

View at Publisher

38 Penha, F.M., Rezzadori, K., Proner, M.C., Zin, G., Fogaça, L.A., Petrus, J.C.C., De Oliveira, J.V., (...), Di Luccio, M.

Evaluation of permeation of macauba oil and n-hexane mixtures through polymeric commercial membranes subjected to different pre-treatments (Open Access)

(2015) *Journal of Food Engineering*, 155, pp. 79-86. Cited 11 times.
http://www.sciencedirect.com/science/journal/02608774
doi: 10.1016/j.jfoodeng.2015.01.020

View at Publisher

39 Pagliero, C., Ochoa, N.A., Martino, P., Marchese, J.

Separation of sunflower oil from hexane by use of composite polymeric membranes

(2011) *JAOCS, Journal of the American Oil Chemists' Society*, 88 (11), pp. 1813-1819. Cited 9 times.
doi: 10.1007/s11746-011-1839-3

View at Publisher

40 Manjula, S., Kobayashi, I., Subramanian, R.

Characterization of phospholipid reverse micelles in nonaqueous systems in relation to their rejection during membrane processing

(2011) *Food Research International*, 44 (4), pp. 925-930. Cited 14 times.
doi: 10.1016/j.foodres.2011.01.059

View at Publisher

41 Kim, I.-C., Kim, J.-H., Lee, K.-H., Tak, T.-M.

Phospholipids separation (degumming) from crude vegetable oil by polyimide ultrafiltration membrane

(2002) *Journal of Membrane Science*, 205 (1-2), pp. 113-123. Cited 56 times.
doi: 10.1016/S0376-7388(02)00070-4

View at Publisher

42 Pagliero, C., Mattea, M., Ochoa, N., Marchese, J.
Fouling of polymeric membranes during degumming of crude sunflower and soybean oil

(2007) *Journal of Food Engineering*, 78 (1), pp. 194-197. Cited 43 times.
doi: 10.1016/j.jfoodeng.2005.09.015

View at Publisher

43 Sehn, G.A.R., Gonçalves, L.A.G., Ming, C.C.
Ultrafiltration-based degumming of crude rice bran oil using a polymer membrane (Open Access)

(2016) *Grasas y Aceites*, 67 (1), art. no. e120. Cited 4 times.
http://grasasyaceites.revistas.csic.es/index.php/grasasyaceites/article/download/1586/1864
doi: 10.3989/gya.0498151

View at Publisher

44 Pagliero, C., Ochoa, N., Marchese, J., Mattea, M.
Degumming of crude soybean oil by ultrafiltration using polymeric membranes

(2001) *JAOCS, Journal of the American Oil Chemists' Society*, 78 (8), pp. 793-796. Cited 43 times.
http://www.aocs.org/press
doi: 10.1007/s11746-001-0344-6

View at Publisher

Aryanti, N.; Department of Chemical Engineering, Diponegoro University, Indonesia;
email:nita.aryanti@che.undip.ac.id

Journal History

The initiative to start with publication of a new journal Chemical and Biochemical Engineering Quarterly (CABEQ) as a part of European Alpe-Adria initiative for regional cooperation is described. Given are the main goals for the new journal published by Croatian Association of Chemical Engineers, formation of the international editorial board, and experiences gained during 15 years of publishing. Presented are statistical data on published papers, country of origin of authors, and classification of papers into chemical and biochemical engineering fields. The experiences gained during the last two years with publishing on Internet and planned activities in future are also presented. A view on validation of journals by ISI impact factor is discussed.

READ COMPLETE ARTICLE IN PDF

Reader
Current Issue
Past Issues
Subscription

Authors
Submit Article
Instructions
Paper Status

Reviewers
Reviewers Guidelines