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Reaktor, Vol. 20 No. 4, December Year 2020

AUTHORS INDEX

A

Abida, S.H., 183
Adnan, M.A., 166
Adrebi, K., 183
Afandi, F.R., 122
Agustin, Y.E., 26
Aktawan, A., 89
Amelia, A.R., 122
Aminuddin, 75
Anugeraheni, D., 32
Apriyanti, D.T., 103
Aryanti, N., 47
Aslan, C., 57
Aziz, A., 32

B

Bindar, Y., 57
Bindar, Y., 68
Budiarti, G. I., 161
Burhani, D., 122

C

Cahyono, H., 203
Christwardana, M., 117

D

Damayanti, A., 10, 161
Devy, Y.A., 122, 174

E

Ermawar, R.A., 81

F

Fajarwaty, V., 161
Fawwaz, M., 68

H

Hamada, N.A'., 103
Hermawan, Y.D., 129
Hermiati, E., 81
Hidayat, A., 166
Harianti, A., 183

I

Istirokhatun, T., 103

J

Jaelawijaya, A.A., 68
Jos, B., 150

K

Kharismadewi, D., 192
Kholida, L.N., 81
Kresnowati, M., 32
Kristanto, D., 129
Kurniawan, T., 109
Kusworo, T.D., 1

L

Laksana, R.P.B., 81
Lestari, T., 109

M

Maitri, S., 18
Mansur, D., 75
Mardiana, S., 81
Masduqi, A.L., 57
Mastuti, T.S., 18
Matita, I.C., 18
Megawati, 10
Meilany, D., 32
Mufandi, I., 89
Muftidar, T., 10

N

Natania, K., 38
Nurlailah, N., 192

O

Oktaviani, M., 81
Okvitarini, N., 161

P

Pratama, A., 10
Pratama, B.A., 1
Pinem, W., 138

Putri, R.D.A., 10
Prasetyaningrum, A., 150
Putranto, A.W., 183

R

Raemas, A.F.A., 150
Rahmanisa, R.A., 96
Restiawaty, E., 57
Riadi, L., 26
Rokhati, N., 103, 150
Rahma, F.N., 166
Rahayu, L.H., 203

S

Salamah, S., 89
Samadhi, T.W., 68
Sampora, Y., 122, 174
Satriadi, H., 138
Savira, D.P., 1
Septevani, A.A., 122, 174
Septiyanti, M., 122
Setiadi, T., 32
Setiawan, G.F., 38
Shitophyta, L.M., 161
Shofinita, D., 68
Siahaan, M., 138
Sondari, D., 174
Sudrajat, B.A., 138

Suhendi, E., 109

T

Tamzysi, C., 166
Thantowi, A., 81

U

Ulya, H.N., 203
Utami, T.P., 26

W

Wardhani, D.H., 203
Wargadalam, V.J., 75
Watanabe, T., 81
Wibowo, A., 109
Widayat, 138
Widiantara, N., 138
Widiasa, I.N., 96
Williams, R.A., 47

Y

Yoshi, L.A., 117
Yuan, Q., 47
Yuliwati, E., 192

Reaktor

p-ISSN 0852 – 0798

e-ISSN 2407 – 5973

Accredited: SK No.: 60/E/KPT/2016

Website : <http://ejournal.undip.ac.id/index.php/reaktor/>

Reaktor, Vol. 20 No. 4, December Year 2020

SUBJECTS INDEX

A

aeration, 32
acrylamide, 150
Amorphophallus oncophyllus, 203
animal feedstock, 26
antioxidant, 18
anthocyanin, 68
adsorption, 122, 192

B

betacyanin, 68
bio-adsorbent, 192
bio-ethanol, 10
bio-hydrocarbon, 75
bio-oil, 1
biomass, 109
biosensor, 117
bleaching, 174

C

cascade control, 129
catalytic cracking, 75
CCD, 192
cellulose, 10, 174, 183
clove oil, 38
corn cob biomass, 183

D

delignified, 174
Dendrocalamus asper, 192
dissolved oxygen, 117
dragon fruit, 68
drug delivery, 150
dye removal, 122
dynamic simulation, 129

E

edible film, 38
empty palm fruit bunches, 1
environment, 57
enzymatic hydrolysis, 10
esterification, 138
exponential equation, 117

extraction, 68
exergy, 166

F

fenton process, 96
fixed bed column, 192
flavonoid, 18
food additives, 68
fractal kinetic, 10
fractionation, 103

G

gasification, 166
glucomannan, 203
glucosamine, 103
glyoxal, 150

H

hazardous and toxic material, 57
herbal tea, 18
humidity, 32
hydrocracking, 89
hydrogel, 150

I

Indonesia, 57
ionic liquid catalyst, 138
isopropyl alcohol, 203

K

kinetic, 138
 κ -carrageenan, 150
refinery wastewater, 96
response surface, 26
response Surface Methodology, 1
response surface methodology, 81
reutealis trisperma, 26

L

LMWC, 103

M

maleic acid, 81

mathematical modeling, 117
mercury, 57
modified, 109
modified flour, 161
micro activity test reactor, 75
microalgae, 166
microcrystalline cellulose, 174
microwave heating, 81
mixing, 32
MWCO, 103

N

nano-cellulose, 122
NaOH, 183
natural zeolite, 109

O

oil palm empty fruit bunches, 122, 174
optimization, 1
OPEFBs, 32

P

particles stabilised nanoparticles, 47
passion fruit peel, 10
PFR, 129
phenolic, 18
physicochemical properties, 161
PI conventional, 129
polyurea microcapsules, 47
potatoes, 161
pretreatment, 183
protein hydrolysis, 26
pulsed electric field, 183
pyrolysis, 1, 109

R

RBDPO, 75

S

simulation, 166
single and double emulsion, 38
slotted pore, 47
storage tanks, 57
sugarcane trash, 81

T

torbangun, 18
tray fermenter, 32

U

ultrafiltration, 103
ultrasound-assisted extraction, 203
UniSim 129

W

waste cooking oil, 89
water treatment, 122
wheat, 161

X

xylanase, 32
xylitol, 32
xylose, 81

Y

yeast, 117

Z

zeolite A, 89

Reaktor

p-ISSN 0852 – 0798

e-ISSN 2407 – 5973

Accredited: SK No.: 60/E/KPT/2016

Website : <http://ejournal.undip.ac.id/index.php/reaktor/>

Reaktor, Vol. 20 No. 4, December Year 2020

TITLES INDEX

Volume 20 Number 1 March 2020

- | | |
|--|-------|
| Optimization of Bio-oil Production from Empty Palm Fruit Bunches by Pyrolysis using Response Surface Methodology
Tutuk Djoko Kusworo, Bayu Aji Pratama, and Dhea Putri Savira | 1-9 |
| Kinetics of Enzymatic Hydrolysis of Passion Fruit Peel using Cellulase in Bio-ethanol Production
Megawati, Astrilia Damayanti, Radenrara D. A. Putri, Angga Pratama, and Tsani Muftidar | 10-17 |
| Antioxidant Properties of Different Types of Torbangun Herbal Tea
Intan Cidarbulan Matita, Titri Siratantri Mastuti, and Smita Maitri | 18-25 |
| Response Surface Approach for Optimization of Protein Hydrolysis from <i>Reutealis trisperma</i> Cake as Potential Animal Feedstock
Yuana Elly Agustin, Lieke Riadi, and Titie Prapti Utami | 26-31 |
| The Effects of Operational Conditions in Scaling Up of Xylanase Enzyme Production for Xylitol Production
Diah Meilany, Dewinka Anugeraheni, Abdul Aziz, MTAP Kresnowati, and Tjandra Setiadi | 32-37 |
| Characterization of Antimicrobial Edible Films with Single and Double Emulsions from Clove (<i>Syzygium aromaticum</i>) Oil
Kam Natania, and Giovani Fransisca Setiawan | 38-46 |
| Application of Square and Oblong Pore Shapes in Rotating Membrane Emulsification to Produce Novel Particulate Products
Nita Aryanti, Richard A. Williams, and Qinchung Yuan | 47-56 |

Volume 20 Number 2 June 2020

- | | |
|---|-------|
| Mercury Elemental Storage Tank Design
Elvi Restiawaty, Yazid Bindar, Christian Aslan, and Alif Lutfia Masduqi | 57-67 |
| Effect of Ethanol Addition as Extraction Solvent on The Content of Bioactive Materials in Dragon Fruit Skin Extract and Powder
Dian Shofinita, Yazid Bindar, Tjokorde Walmiki Samadhi, Arwinda Aprillia Jaelawijaya, and Mifta Fawwaz | 68-74 |
| Production of Bio-hydrocarbon from Refined-Bleach-Deodorized Palm Oil using Micro | 75-80 |

Activity Test Reactor

Dieni Mansur, Aminuddin, and Verina J. Wargadalam

Optimization of Xylose Production from Sugarcane Trash by Microwave-Maleic Acid Hydrolysis 81-88

Euis Hermiati, Maulida Oktaviani, Riksfardini Annisa Ermawar, Raden Permana Budi Laksana, Lutfi Nia Kholida, Ahmad Thontowi, Siti Mardiana, and Takashi Watanabe

The Characterization of Synthetic Zeolite for Hydrocracking of Waste Cooking Oil into Fuel 89-95

Siti Salamah, Agus Aktawan, and Ilham Mufandi

Application of the Fenton Process in the Petroleum Refinery Spent Caustic Wastewater Treatment 96-102

Riang Anggraini Rahmanisa, and I Nyoman Widiasta

Membrane Technology Application for Fractionation Process to Obtain High Quality Glucosamine 103-108

Nur Rokhati, Titik Istirokhatun, Nur 'Aini Hamada, and Dwi Titik Apriyanti

Volume 20 Number 3 September 2020**Effect of Acid Concentration on the Activation of Bayah Natural Zeolite for Palm Kernel Shell Pyrolysis Application** 109-116

Endang Suhendi, Andre Wibowo, Tia Lestari, and Teguh Kurniawan

Mathematical Modeling for Determination of Correlation Between Current Density and Dissolved Oxygen in Yeast Microbial Fuel Cell-Based Biosensor 117-121

Marcelinus Christwardana, and Linda Aliffia Yoshi

Solely Cellulose-based Adsorbent Derived from Oil Palm Empty Fruit Bunches for Dye Removal 122-128

Athanasia Amanda Septevani, Farhan Riza Afandi, Yulianti Sampora, Yenni Apriliani Devy, Aisah Resti Amelia, Melati Septiyanti, and Dian Burhani

Comparative Analysis Between PI Conventional and Cascade Control in Heater-PFR-Series 129-137

Dedy Kristanto, and Yulius Deddy Hermawan

Kinetic Study of Kapok Seed Oil Esterification Using Bmim-Pf6 Catalyst 138-149

Bagus Agung Sudrajat, Widayat, Ngurah Widiantara, Hantoro Satriadi, Maria Siahaan, and Wira Pinem

Application of Glyoxal Acrylamide Modified K-Carrageenan As A Superabsorbent Polymer In Drug Delivery System 150-158

Aji Prasetyaningrum, Al Farrel A. Raemas, Nur Rokhati, and Bakti Jos

Erratum to: Evaluation Performance of Pneumatic Dryer for Cassava Starch [18 (4): 216-223] 159-159

Reaktor Editorial

Volume 20 Number 4 December 2020**Modification Blanching Process of Potato Flour Using Hydrogen-Rich Water** 161-165

Gita Indah Budiarti, Lukhi Mulia Shitophyta, Ndaru Okvitarini, Vinna Fajarwaty, and Ayu Damayanti

- Exergy Analysis of Microalgae Thermochemical Conversion using Aspen Plus Simulation** 166-173
Cholila Tamzysi, Muflih Arisa Adnan, Fadilla Noor Rahma, and Arif Hidayat
- Simultaneous Pretreatment Process on the Isolation of Cellulose Mycrocrystalline from Oil Palm Empty Fruit Bunches** 174-182
Yulianti Sampora, Yenni Apriliany Devy, Dewi Sondari, and Athanasia Amanda Septevani
- Lignocellulosic Analysis of Corncob Biomass by Using Non-Thermal Pulsed Electric Field-NaOH Pretreatment** 183-191
Angky Wahyu Putranto, Sakinah Hilya Abida, Khodijah Adrebi, and Artta Harianti
- Optimisation using Central Composite Design for Adsorption of Virgin Coconut Oil** 192-202
Erna Yuliwati, Nurlailah Nurlailah, and Dian Kharismadewi
- Purification of Glucomannan of Porang (*Amorphophallus oncophyllus*) Flour using Combination of Isopropyl Alcohol and Ultrasound-Assisted Extraction** 203-209
Dyah H Wardhani, Lucia H Rahayu, Heri Cahyono, and Hana N Ulya

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Manuscript Preparation Guidelines

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Abstract

Abstract title is written with Times News Roman style (10 pt and bold) and centered format. The body text of abstract was written italic style (10 pt) amounts 150-200 words, with left margin and right margin 25 mm and 20 mm from edge. The abstract should be clear, concise, and descriptive. This abstract should provide a brief introduction to the problem (preferably 1-2 sentences, objective of paper, research method in short, and a brief summary of results. The abstract should end with a comment on the significance of the results or a brief conclusion. The abstract is preferably not more than 300 words. Keywords written under the abstract text arranged in alphabetical order and separated by a semicolon. Title keywords written with regular format with 10 pt bold font while the key words in italics (italic).

Keywords: *abstract; keyword; title; writing guidelines*

INTRODUCTION

Reaktor is published since 1997 with 2 (two) issues every year, i.e. June and December. In 2012, Reaktor is published every April and October. Starting in 2016, Reaktor is published 4 (four) times a year i.e. March, June, September and December. Reaktor is a journal that has been accredited by SK No. 60/E/KPT/2016 with p-ISSN No. 0852-0798 and e-ISSN No. 2407-5973. Articles in the Reaktor come from articles submitted to the Reaktor Editor and after going through the review process by the Editorial Board and/or Reviewer. Articles submitted must be free from plagiarism and autoplaiarsm.

The Reaktor as an accredited national journal has developed an online management system. The submitted/article submission process and article

review process are performed by online. Currently, Reaktor has been indexed by some indexing machines such as; Indonesia Citation Index, Google Scholar, Portal Garuda, E-print UNDIP, Open access articles, Research Bible, *DAIJ (Directory of Abstract Indexing Journal)*, *OAJI (Open Academic Journal Index)*, EZB Nutzeranfragen, World Cat, SHERPA/RoMEO and DOAJ.

Articles can be written in either English or Indonesia. Articles can be results of research, state of the art studies, and analysis and problem solving in industries relevant to the field of chemical engineering, which have not been published in other publications.

WRITING METHOD

General Instructions

Articles should be written on A4 paper (210 x 297 mm). Articles are written without page numbers and arranged in the following order: Title, Abstract, Keywords, Introduction, Research Method (or Model Development), Results and Discussion, Conclusions, Acknowledgments (if any), Notation List (if any) and References.

Writing Guidelines

The article begins with the title of the article written with Title Case format, font 16 pt bold. The title is an opportunity to attract the reader’s attention. Remember that readers are the potential authors who will cite your article. Identify the main issue of the paper. Begin with the subject of the paper. The title should be accurate, unambiguous, specific, and complete. Do not contain infrequently-used abbreviations.

The author's name is written under the title with the Title Case format, font 12 pt bold. The author's name is written complete without an academic degree. Apostrophes are written behind the author's name in superscript format. The name of the institution (institution, address, phone number, facsimile number and e-mail) is written under the author's name with the theme of Times New Roman with Title Case format, 10 pt. If the author is more than one, should be written email for the correspondence author (corresponding author). Article title, author's name and institutional name are written flat center. The distance between the title and the author's name is 2 spaces (10 pt) and between the author's name and the institution name is 1 space (10 pt).

The contents of the article are written with a left margin of 25 mm, right margin 20 mm, bottom margin 20 mm and top margin 30 mm. The header distance from the edge of the paper is 20 mm, and the footer distance from the edge of the paper is 13 mm. Articles are written in MS Word program with Times New Roman font type, 10 pt font, 1 space and in two column format. The maximum number of article pages is 10 (including pictures and tables) and written justified. The beginning of the paragraph is written indented by a distance of 1 cm and the distance between paragraphs is 10 pt.

Subtitles are written in bold with UPPER CASE format and arranged align left with no number and underscore. Sub subtitles are written in bold with Title Case format and arranged align left with no number and underscore. Sub sub subtitles are written in bold with Sentence case format and arranged align left without numbers and underscores.

RESULTS AND DISCUSSION

Figures and Tables

Figures and Tables are placed in groups of text and annotated. The figure is followed by the caption placed under the figure and the table followed by the

caption placed on the table. The figures and the tables are numbered. The figure is guaranteed to be printed clearly even though it is reduced to 50%. Figure is not framed. For colorful images or graphics, please send as many as 300 sheets if you want to print in color. Tables with no vertical lines, whereas horizontal lines are only shown in 3 main horizontal lines i.e. 2 horizontal lines for the column headings and 1 closing line for the bottom row.

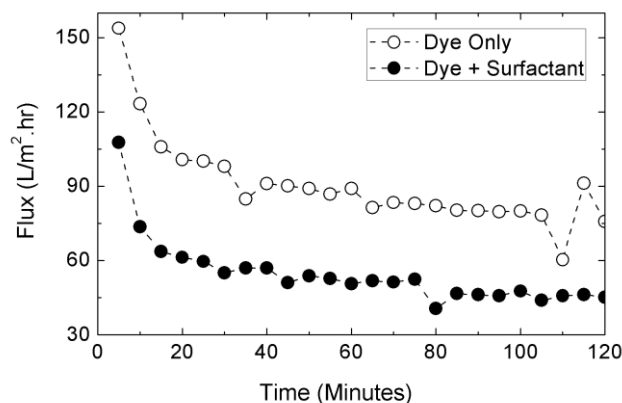


Figure 1. Flux Profile of Dye and Mixture of Dye and Surfactant Ultrafiltration at Remazol Blue concentration of 90 mg/l

Table 1. The microalgae composition of the *Tetraselmis chuii* species

Component	Composition (%w/w)
α-sellulose	47.2 %
Hemisellulose	35.5%
HWS	17%

Equations

The equations are written center and numbered in parentheses. The number is placed at the end of the right margin of the column.

$$D = \frac{A}{(v_{rel}^2 \rho_a)^2} + B \left(\frac{M_{air}}{M_{liq}} \right)^{-\beta} \quad (1)$$

Quote Writing

The writing system quotes a manuscript or literature using the Harvard system. The literature source is composed only of the author's name and the year of its publication. Examples: Attempts to search for better heat storage systems have been widely used, including the latent heat melting of PCM (Yanadoro and Matsuda, 2006 *for one or two authors*; Smith *et al.*, 2011 *for more than two authors*). According to (2010),etc.

CONCLUSION

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The submitted articles will be reviewed by the Editorial Board and/or Reviewers. Correspondence will be addressed to the corresponding author. The author should immediately improve the article according to the reviewer's instructions. If the article has been declared acceptable, either the Main Revision or Minor Revision, the Author must correct it no later than **15 days** after the notice. If the author does not improve his article more than 15 days, then when submitting the article will be considered as a new registration (New Submission).

The editor reserves the right to reject articles submitted if irrelevant to the field of chemical engineering, not up to date or have been published in other scientific magazines.

NOTATION

Notation is written alphabetically. Latin letters are written first, followed by an Arabic letter.

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References are listed alphabetically without numbering and the distance between the bibliography

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Book :

Fogler, H.S., (2006), *Elements of Chemical Reaction Engineering*, 4th, Prentice Hall International, Upper Sadle River, New Jersey, pp. 47-93

Disertation/thesis :

Djaeni, M., (2008), Energy Efficient Multistage Zeolite Drying for Heat Sensitive Products, *PhD Thesis*, Wageningen University, The Netherlands.

Patent :

van Reis, R.D., (2006), Charged Filtration Membranes and Uses Therefore, *US Patent 7,001,550*.

HandBook:

Knothe, G., van Gerpen, J., and Krahl, J., (2005), *The Biodiesel Handbook*, AOCS Press, Campaign, Illionis, USA, pp. 70-84

Mujumdar, A.S. and Hasan, M., (2006), Drying of Polymers in *Handbook of Industrial Drying*, editor A.S. Mujumdar, 3rd ed, Marcel Dekker, New York, pp. 954-978.