

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : PROSIDING**

Judul Karya Ilmiah (Prosiding) : Zeolite/Magnetite Composites as Catalyst on the Synthesis of Methyl Ester` (MES) from Cooking Oil

Nama/ Jumlah Penulis : Sriatun, Adi Darmawan, Sriyanti, Wuri Cahyani, Hendri Widyandari

Status Pengusul : Penulis pertama

Identitas Prosiding : a. Judul Prosiding : IOP Conference Series: Journal of Physics  
 b. ISBN/ISSN : 1742-6588, E-ISSN:1742-6596  
 c. Thn Terbit, Tempat Pelaks. : 2018/1025/012135  
 d. Penerbit/Organiser : IOP Publishing  
 e. Alamat Repository/Web : <https://iopscience.iop.org/journal/1742-6596>  
 Alamat Artikel : <https://iopscience.iop.org/article/10.1088/1742-6596/1025/1/012135/pdf>  
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[http://eprints.undip.ac.id/80669/26/C26\\_Zeolitemagnetite\\_composites\\_as\\_catalysts\\_on\\_the\\_Synthesis\\_of\\_Methyl\\_Esters\\_\(MES\)\\_from\\_cooking\\_oil.pdf](http://eprints.undip.ac.id/80669/26/C26_Zeolitemagnetite_composites_as_catalysts_on_the_Synthesis_of_Methyl_Esters_(MES)_from_cooking_oil.pdf)

f. Terindeks di (jika ada) : **SCOPUS (0,221)**

Kategori Publikasi Makalah :  Prosiding Forum Ilmiah Internasional  
 (beri ✓ pada kategori yang tepat)  Prosiding Forum Ilmiah Nasional

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a. Kelengkapan unsur isi prosiding (10%)	3		3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		9
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9		8,6
d. Kelengkapan unsur dan kualitas terbitan /prosiding (30%)	9		8,6
<b>Total = (100%)</b>	<b>30,00</b>		<b>29,2</b>
<b>Nilai Pengusul =</b>			

**Catatan Penilaian Paper oleh Reviewer :**

**1. Kesesuaian dan kelengkapan unsur isi prosiding:**

Unsur isi prosiding sesuai dan lengkap.

**2. Ruang lingkup dan kedalaman pembahasan:**

Ruang lingkup tentang komposit zeolit/magnetit sebagai katalis dalam sintesis MES dari minyak goreng bekas. Pembahasan dibahas dengan baik dan detail.

**3. Kecukupan dan kemutakhiran data/informasi dan metodologi:**

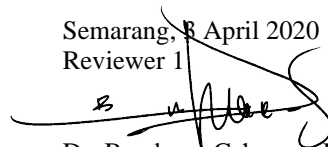
Data disampaikan dengan baik dan lengkap dan cukup mutakhir, metodologi cukup detail.

**4. Kelengkapan unsur dan kualitas terbitan/prosiding:**

Unsur terbitan lengkap, kualitas terbitan prosiding cukup baik.

Semarang, 8 April 2020

Reviewer 1



Dr. Bambang Cahyono, MS

NIP. 196303161988101001

Unit Kerja : Departemen Kimia FSM UNDIP

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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
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b. Ruang lingkup dan kedalaman pembahasan (30%)	3		9
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8
d. Kelengkapan unsur dan kualitas terbitan /prosiding (30%)	9		8
<b>Total = (100%)</b>	<b>30,00</b>		<b>28</b>
<b>Nilai Pengusul =</b>			

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Unsur isi prosiding lengkap dan sesuai dengan standart IOP Publishing.

**2. Ruang lingkup dan kedalaman pembahasan:**

Ruang lingkup artikel ini adalah katalis komposit zeolit/magnetit untuk sintesis ME dari minyak goreng bekas dengan keterbaruan yang tinggi. Pembahasan diulas dengan baik (dalam) disertai literartur pendukung.

**3. Kecukupan dan kemutakhiran data/informasi dan metodologi:**

Data yang disajikan cukup memadai sebagai artikel dan informasi yang disampaikan ada yang tahun kemautakhirannya kurang, metodologi diulas dengan detail sehingga peneliti lain bisa mengulang dengan baik.

**4. Kelengkapan unsur dan kualitas terbitan/ prosiding:**

Unsur terbitan lengkap, kualitas terbitan ada yang kurang terbaca (gambar) da salah penulisan (typo).

Semarang, 14 Maret 2020

Reviewer 2



Drs. Gunawan, M.Si, Ph.D

NIP.196408251991031001

Unit Kerja : Departemen Kimia FSM UNDIP

**LEMBAR  
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Kategori Publikasi Makalah :  Prosiding Forum Ilmiah Internasional  
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Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Reviewer		Nilai Rata-rata
	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi prosiding (10%)	3	3	3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9	9	9
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	8,6	8	8,3
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	8,6	8	8,3
<b>Total = (100%)</b>	<b>29,2</b>	<b>28</b>	<b>28,6</b>

Semarang, 3 April 2020

Reviewer 2




Drs. Gunawan, M.Si, Ph.D  
NIP. 196408251991031001  
Unit Kerja : Departemen Kimia FSM UNDIP

Reviewer 1



Dr. Bambang Cahyono, MS  
NIP. 196303161988101001  
Unit Kerja : Departemen Kimia FSM UNDIP

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## JOURNAL HISTORY

2009-present IOP Conference Series: Materials Science and Engineering

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Online ISSN: 1757-899X

Print ISSN: 1757-8981



# Source details

## Journal of Physics: Conference Series

Scopus coverage years: from 2005 to Present

Publisher: Institute of Physics Publishing

ISSN: 1742-6588 E-ISSN: 1742-6596

Subject area: [Physics and Astronomy: General Physics and Astronomy](#)

CiteScore 2018

0.51



SJR 2018

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SNIP 2018

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<b>Subject Area and Category</b>	Physics and Astronomy Physics and Astronomy (miscellaneous)	
<b>Publisher</b>	Institute of Physics	
<b>Publication type</b>	Journals	
<b>ISSN</b>	17426588, 17426596	
<b>Coverage</b>	2005-ongoing	
<b>Scope</b>	The open access Journal of Physics: Conference Series (JPCS) provides a fast, versatile and cost-effective proceedings publication service.	
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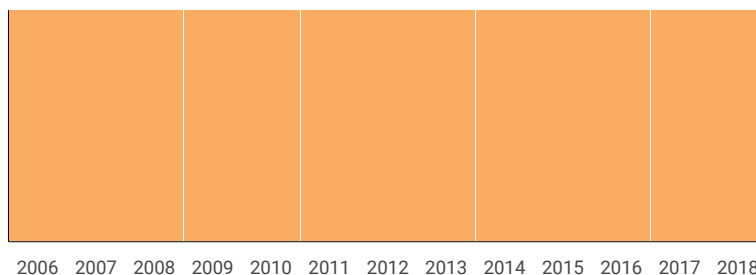
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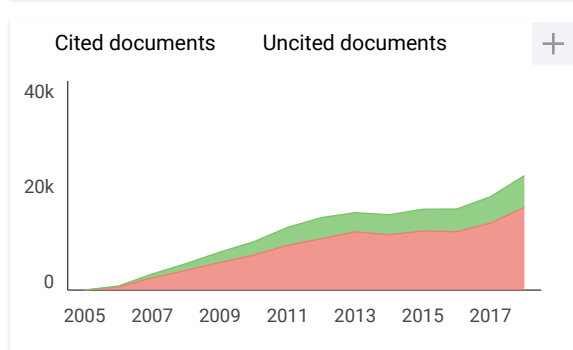
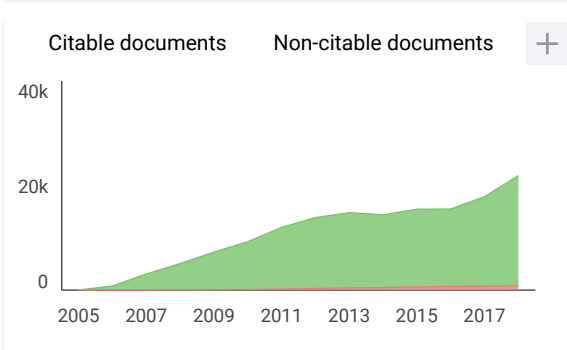
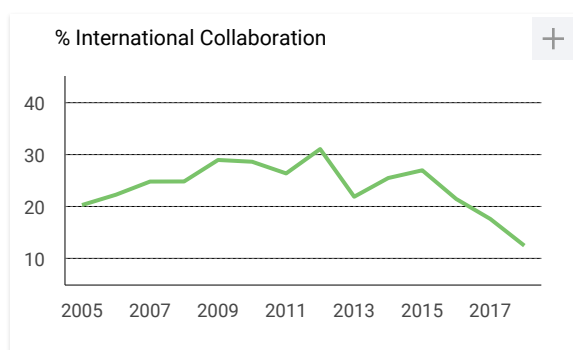
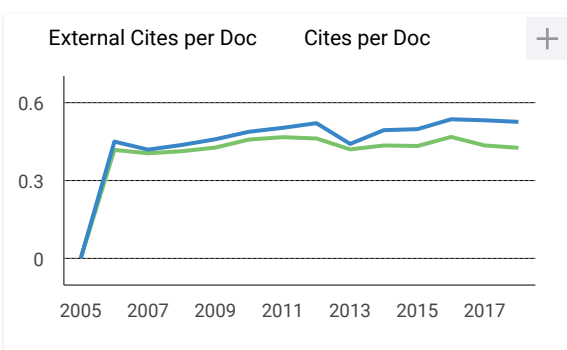
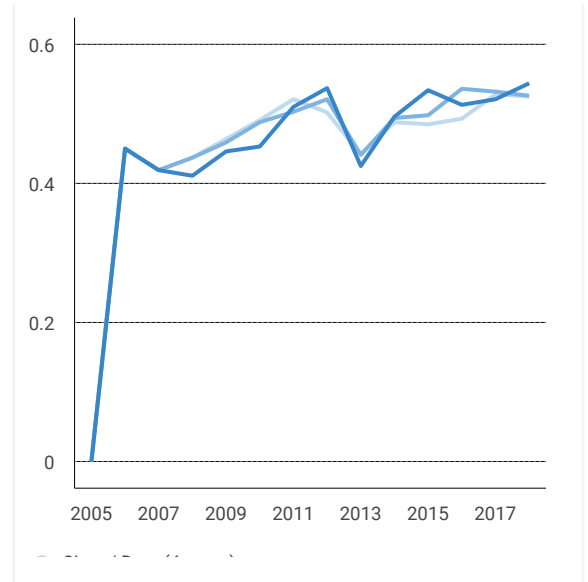
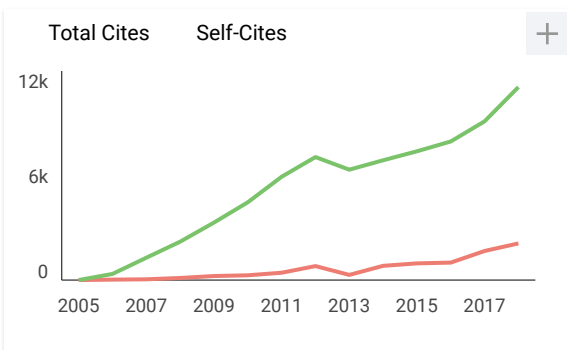
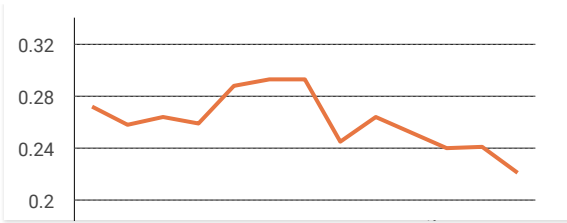


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**2018**

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Accepted papers received: 04 May 2018

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Alvin Muhammad Habieb, Muhammad Irwanto, Ilham Alkian, Fitri Khalimatus Sya'diyah, Hendri Widiyandari and Vincensius Gunawan

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012002

Synthesis of nickel nanoparticles by pulse laser ablation method using Nd:YAG laser

Chusnus Shalichah and Ali Khumaeni

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012003

Emission characteristics of copper using laser-induced breakdown spectroscopy at low pressure

Gali Kurniawan, Fatkhiyatus Sa'adah and Ali Khumaeni

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012004

Synthesis and photocatalytic property of Zinc Oxide (ZnO) fine particle using flame spray pyrolysis method

Hendri Widiyandari, Ngurah Ayu Ketut Umiati and Rizki Dwi Herdianti

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012005

Synthesis and characterization carboxyl functionalized Multi-Walled Carbon Nanotubes (MWCNT-COOH) and NH<sub>2</sub> functionalized Multi-Walled Carbon Nanotubes (MWCNTNH<sub>2</sub>)

S. A. Wulandari, Arifin, Hendri Widiyandari and Agus Subagio

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## Radiation Physics

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Application of aspen plus for municipal solid waste plasma gasification simulation: case study of Jatibarang Landfill in Semarang Indonesia

Ainie Khuriati, Purwanto Purwanto, Haryono Setiyo Huboyo, Suryono Suryono and Ari Bawono Putro

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Rapid identification of macro nutrients in pharmaceutical medicine using laser-induced plasma spectroscopy

Ali Khumaeni, Heri Sugito, Asep Yoyo Wardaya and Wahyu Setia Budi

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012008

## Design of Integrated Polarizer for Detection of Lard Impurities in Cooking Oil

H. Sugito, K. S. Firdausi and N. K. Putri

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012009

## Simple direct observation of polarization changes of Rayleigh scattering on sugar solution at low concentration

K. Sofjan Firdausi, Heri Sugito and Nidia Kharisma Putri

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012010

## Laser-induced breakdown spectroscopy for rapid detection of corrosiveness in concrete

Nurul Hikmantiyah, Trisna Maulana Shidiq and Ali Khumaeni

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012011

## Identification of nickel emission lines using Nd:YAG laserinduced breakdown spectroscopy

Nurul Istiqomah Nafi'annisa, Nurul Hikmantiyah and Ali Khumaeni

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012012

## Laser-induced breakdown spectroscopy for identification and characterization of aluminum

Oki Dimas Prasetya, Trisna Maulana and Ali Khumaeni

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012013

## Treatment of hospital waste water by ozone technology

Rina Indah Dianawati, Nur Endah Wahyuningsih and Muhammad Nur

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012014

## Rapid detection of the authenticity of silver jewelry by laser induced shockwave plasma spectroscopy using Nd:YAG laser 1064 nm

R W Septianti, W S Budi, H Sugito and A Khumaeni

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012015

## Electrohydrodynamic (edh) drying of ginger slices (*zingiber officinale*)

Sumariyah, Ainie Khuriati and Enny Fachriyah

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012016

Ion wind generation and its application to drying of wild Ginger slices (*Curcuma Xanthorrhiza*)

Sumariyah, Ainie Khuriati and Enny Fachriyah

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012017

The speed of heavy metal cadmium seepage on "E" and "F" fields in residential area around Kanal Banjir Barat river of Semarang City.

H Danusaputro, R Gernowo, A Setyawan and B Bonita

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### Applied Physics

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012018

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Agus Margiantono and Titik Nurhayati

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012019

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Agus Setyawan, Muhammad Satria Fikri, Jatmiko Endro Suseno and Muhamad Fuad

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012020

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Annisa Amalia, Suryono Suryono, Jatmiko Endro Suseno and Ratna Kurniawati

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- OPEN ACCESS** 012028  
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