

**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
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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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Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Akhir Yang Diperoleh
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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
Total = (100%)	30,00		29,2
Nilai Pengusul =			

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 kemutakhir data/informasi dan metodologi:

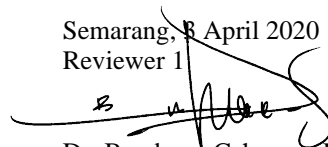
Data disampaikan dengan baik dan lengkap dan cukup mutakhir, metodologi cukup detail.

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

**LEMBAR
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b. Ruang lingkup dan kedalaman pembahasan (30%)	9		9
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8
d. Kelengkapan unsur dan kualitas terbitan /prosiding (30%)	9		8
Total = (100%)	30,00		28
Nilai Pengusul =			

Catatan Penilaian Paper oleh Reviewer :

1. Kesesuaian dan kelengkapan unsur isi prosiding:

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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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
Total = (100%)	29,2	28	28,6

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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2009-present IOP Conference Series: Materials Science and Engineering

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Journal of Physics: Conference Series


Country	United Kingdom -  SJR Ranking of United Kingdom	<h1>65</h1> <p>H Index</p>
Subject Area and Category	Physics and Astronomy Physics and Astronomy (miscellaneous)	
Publisher	Institute of Physics	
Publication type	Journals	
ISSN	17426588, 17426596	
Coverage	2005-ongoing	
Scope	The open access Journal of Physics: Conference Series (JPCS) provides a fast, versatile and cost-effective proceedings publication service.	
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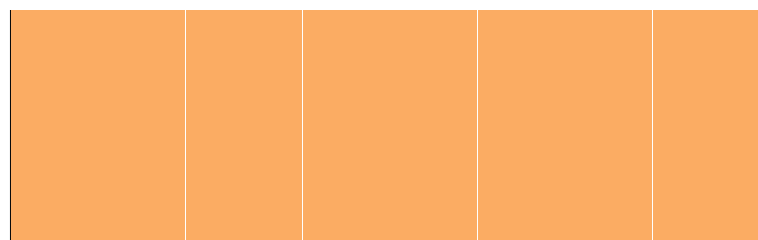
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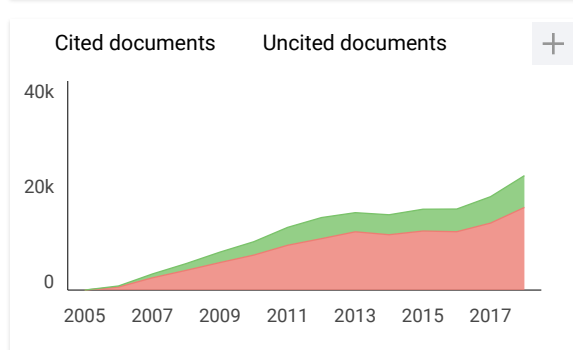
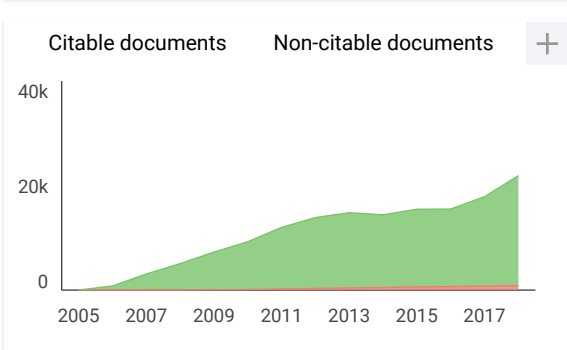
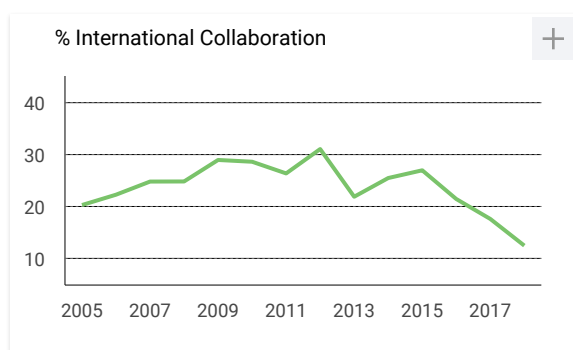
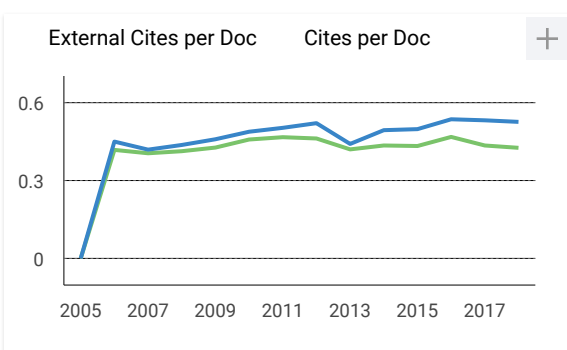
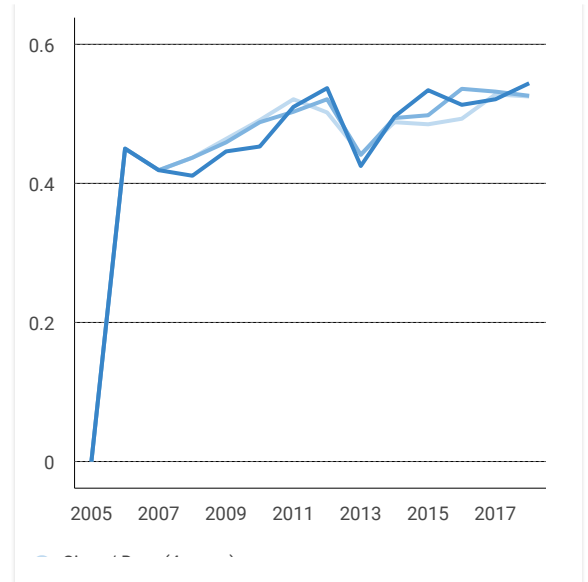
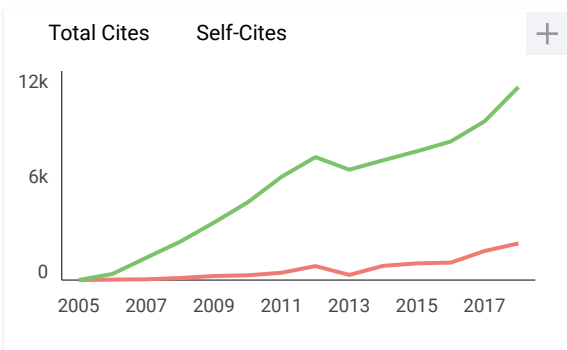
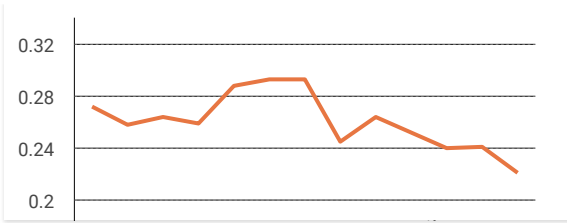
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Alvin Muhammad Habieb, Muhammad Irwanto, Ilham Alkian, Fitri Khalimatus Sya'diyah, Hendri Widiyandari and Vincensius Gunawan

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

Chusnus Shalichah and Ali Khumaeni

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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 NH₂ functionalized Multi-Walled Carbon Nanotubes (MWCNTNH₂)

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

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

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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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Laser-induced breakdown spectroscopy for identification and characterization of aluminum

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Rina Indah Dianawati, Nur Endah Wahyuningsih and Muhammad Nur

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

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012015

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

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012016

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

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012018

Simulation model of darrieus turbine using software CFD (Computating Fluid Dinamyc) in Bedono Village of Demak district

Agus Margiantono and Titik Nurhayati

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012019

Lithology and characteristic of landslide in Gombel Hill by 2D geoelectric resistivity method using dipole-dipole configuration

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The invasive alien plants threatened the balance of ecosystem in conservative area in Ontoloe Island, Flores-Indonesia

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