

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

Judul Jurnal Ilmiah (Artikel) : Influence of volatile fatty acid concentration on biogas production in synthropic anaerobic digestion

Jumlah Penulis : **Nazaruddin Sinaga***, Maizirwan Mel, Rezeki Pakpahan, dan Nor Azwadi Che Sidik

Status Pengusul : Penulis ke-1

Identitas Jurnal Ilmiah : a. Nama Jurnal : Journal of Advanced Research in Biofuel and Bioenergy
 b. Nomor ISSN : 2600-8459
 c. Volume, nomor, bulan tahun : 1, 1, Juni 2018
 d. Penerbit : Akademia Baru
 e. DOI artikel (jika ada) : -
 f. Alamat web Jurnal : <http://www.akademiabaru.com/arbb.html>
 Alamat Artikel : http://www.akademiabaru.com/doc/ARBBV1_N1_P26_43.pdf
 g. Terindeks di : Google Scholar
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Kategori Publikasi Jurnal Ilmiah : **Jurnal Internasional**
 (beri ✓ pada kategori yang tepat) Seminar Nasional

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Nilai Pengusul = 60% x 19,6 = 11,76			

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1. Kesesuaian dan kelengkapan unsur isi jurnal:

Sesuai ruang lingkup untuk simulasi numerik. Paper sudah mengikuti kritriapenulisan jurnal internasional Journal of Advanced Research in Biofuel and Bioenergy

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Pada paper ini menggunakan simulasi numerik, ruang lingkupnya cukup memadai dan terdapat validasinya dengan hasil eksperimen.

3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

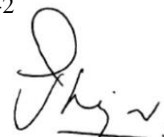
Daftar pustaka up to date (5-10 tahun terakhir), semua unsur struktur terpenuhi. Jumlah pustaka jurnal lebih banyak.

4. Kelengkapan unsur dan kualitas terbitan:

Paper dapat di lacak secara online dan memiliki kualitas tampilan yang baik. Alamat pengelola jurnal yang dapat dilacak, chef editor jurnal yang pakar dalam bidangnya.

Bandung, 26 November 2019

Reviewer-2



Prof. Dr. Ing. Ir. Priyono Sutikno DEA
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d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	6		5,4
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Ruang lingkup pembahasan baik dan kedalaman pembahasan cukup, ada 2 pustaka dalam pembahasan

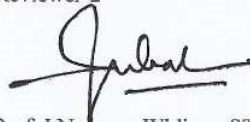
3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Kecukupan dan kemutakhiran data/informasi dan metodologi baik : jumlah pustaka 16, website jurnal terbaru.

4. Kelengkapan unsur dan kualitas terbitan:

Kelengkapan unsur dan kualitas terbitan cukup baik

Semarang, 16 Desember 2019
Reviewer-2



Prof. I Nyoman Widiasa, ST, MT.
NIP 197004231995121000
Bidang Ilmu: Teknik Kimia
Fakultas Teknik Universitas Diponegoro

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Biogas is one type of renewable energy that can be produced from substrates in the form of industrial waste. Biogas formation is a complex series of biochemical processes and involves many types of anaerobic micro-organisms. In an anaerobic digester, syntrophic reactions are considered to be the process steps that limit the formation of this biogas. This study aims to study the effect of volatile fatty acid substrate concentration (VFA) on the biogas production rate in a digester tank equipped with Rushton Impeller 6 bladed type ...

☆   Dirujuk 2 kali Artikel terkait 4 versi 

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الَّذِي جَعَلَ لَكُمْ مِنَ الشَّجَرِ الْأَخْضَرِ نَارًا فَإِذَا
أَنْتُمْ مِنْهُ تُوقِدُونَ

[it is] He who made for you from the green tree, fire, and
then from it you ignite

Yasin:80

PUBLISHED ARTICLES

Preface

Volume 1 - Volume 5

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Influence of Volatile Fatty Acid Concentration on Biogas Production in Synthropic Anaerobic Digestion
Nazaruddin Sinaga, Maizirwan Mel, Rezeki Pakpahan, Nor Azwadi Che Sidik
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+ Volume 3, No. 1 (December, 2018)

+ Volume 4, No. 1 (March, 2019)

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