

How to find AIS, Average JIF Percentile and other important metrics of a scientific journal (Web of Science)

1. Find an article

The screenshot shows the article page for "Small-scale biogas plants in central Vietnam and biogas appliances with a focus on a flue gas analysis of biogas cook stoves". A yellow callout box with the text "Find the paper in the journal that you want to check and click here ('View Journal Impact')" has an arrow pointing to the "View Journal Impact" link in the article's metadata section.

Article Title: Small-scale biogas plants in central Vietnam and biogas appliances with a focus on a flue gas analysis of biogas cook stoves

By: Roubik, H (Roubik, H.)^{1,1}; Mazancova, J (Mazancova, J.)^{1,1}

View Web of Science ResearcherID and ORCID

RENEWABLE ENERGY
Volume: 131 Pages: 1138-1145
DOI: 10.1016/j.renene.2018.08.054
Published: FEB 2019
Document Type: Article
[View Journal Impact](#)

Abstract
The major objective of this paper is to fill the research gap regarding small-scale biogas appliances by performing a flue gas analysis of biogas cook stoves in Vietnam. The methods of data collection included a questionnaire survey of rural households (n = 93), discussions with local consultants (n = 6) and observations in central Vietnam. Furthermore, flue gas analyses of biogas cook stoves were performed (n = 93). As the most common appliances, biogas cook stoves were reported as a substitute for conventional cook stoves, eliminating indoor smoke pollution and related health risks. The majority (96%) of biogas cook stoves were two-flame burners that averaged 2.4 (+/- 0.74) years of age and were in use for over 3 h per day. High concentrations of CO in its diluted (8705.35 +/- 1790.01 mg m(-3)) and undiluted forms (24,758.2 +/- 4860.2 mg m(-3)) were detected in biogas flue gas. The concentration of unavoidable produced NO averaged 0.064 (+/- 0.12) mg.m(-3), which is an acceptable value for the transformation of biodegradable wastes into biogas that is consequently burned. The study contributes to covering the data gap, as similar studies have not been conducted in Vietnam. The information and data gained are important for further evaluations of biogas technology in Vietnam and other developing countries. (C) 2018 Elsevier Ltd. All rights reserved.

Keywords
Author Keywords: Biogas technology; Cook stoves; Vietnam; Flue gas analysis; Emission
KeyWords Plus: INDOOR AIR-POLLUTION; DEVELOPING-COUNTRIES; ANAEROBIC-DIGESTION; MANURE MANAGEMENT; PIG FARMS; HOUSEHOLD; HEALTH; FUEL; COMBUSTION; BRIQUETTES

Author Information
Reprint Address: Mazancova, J (reprint author)

Citation Network
In Web of Science Core Collection
4
Times Cited
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4 in All Databases
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49
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Most recently cited by:
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Aziz, Nur Izzah Hamna A.; Hanafiah, Marlia M. Life cycle analysis of biogas production from anaerobic digestion of palm oil mill effluent

2. Click on "View Journal Impact"

The screenshot shows the "Journal Impact" window for the journal "RENEWABLE ENERGY". A yellow callout box with the text "Click here ('Journal Citation Reports')" has an arrow pointing to the "Journal Citation Reports" link at the bottom of the window.

RENEWABLE ENERGY

Impact Factor
5.439 5.257
2018 5 year

JCR # Category	Rank in Category	Quartile in Category
ENERGY & FUELS	17 of 103	Q1
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	7 of 35	Q1

Data from the 2018 edition of Journal Citation Reports

Publisher
PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

ISSN: 0960-1481

Research Domain
Science & Technology - Other Topics
Energy & Fuels

[Journal Citation Reports](#)

Close Window

3. Click on "Journal Citation Reports"

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RENEWABLE ENERGY

ISSN: 0960-1481
eISSN: *****
PERGAMON-ELSEVIER SCIENCE LTD
THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND
ENGLAND

Go to Journal Table of Contents Go to Ulrich's Printable Version

TITLES
ISO: Renew. Energy
JCR Abbrev: RENEW ENER

LANGUAGES
English

CATEGORIES
ENERGY & FUELS -- SCIE
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY -- SCIE

PUBLICATION FREQUENCY
12 issues/year

Current Year 2017

The data in the two columns below show citation activity in 2018 to items published in the journal in the prior two years. They detail the journal's performance in 2018 and also show key metrics and additional data for the current year and all prior years for this journal.

Scroll down

Journal Impact Factor Trend

Printable Version

n/a
n/a Journal Impact Factor

Journal Impact Factor

Percentile rank in category

JCR year

Citation distribution

Printable Version

n/a n/a
Article citation median Review citation median

Number of Items

Times cited in JCR year

4. Scroll down to the section “Key Indicators” and see your indicators

Source data Box plot Rank Cited Journal Data Citing Journal Data Journal Relationships

Journal source data 2018

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2018 (A)	1,091	25	1,116	14	99%
Number of References (B)	45,658	2,566	48,224	165	100%
Ratio (B/A)	41.8	102.6	43.2	11.8	

Key Indicators 2018

IMPACT METRICS		INFLUENCE METRICS		SOURCE METRICS	
Total Cites	41,305 ✓Trend	Eigenfactor Score	0.05298 Trend	Citable Items	1,116 Trend
Journal Impact Factor	5.439 Trend	Article Influence Score	0.941 Trend	% Articles in Citable Items	97.76 Trend
5 Year Impact Factor	5.257 Trend	Normalized Eigenfactor	6.30344 Trend	Average JIF Percentile	82.705 Trend
Immediacy Index	2.005 Trend			Cited Half-Life	4.7 Trend
Impact Factor Without Journal Self Cites	4.896 Trend			Citing Half-Life	6.5 Trend

Metric Trend Total Cites

View All Years

Year	Total Cites
2014	16,421
2015	19,716
2016	28,532
2017	34,316
2018	41,305

Alternative ways:

Web of Science

Search Results: 26,682 (from Web of Science Core Collection)

You searched for: PUBLICATION NAME: (food chemistry) ...More

Sort by: Date | Times Cited | Usage Count | Relevance | More

1. Long-term responses to climate change of the carbon and gelatinization temperature of rice
By: Akamatsu, Fumika; ...
FOOD CHEMISTRY Volume: 315 Article Number: 126239 Published: JUN 15 2020

2. Simultaneous determination of cereal monosaccharides, xylo- and arabinoxylo-oligosaccharides and uronic acids using HPAEC-PAD
By: Alyassin, M.; Campbell, G. M.; O'Neill, H. Masey; et al.
FOOD CHEMISTRY Volume: 315 Article Number: 126221 Published: JUN 15 2020

3. Inhibition of protein glycoxidation and advanced glycation end-product formation by barnyard millet (Echinochloa frumentacea) phenolics
By: Anis, Mohammed A.; Sreerama, Yadahally N.
FOOD CHEMISTRY Volume: 315 Article Number: 126265 Published: JUN 15 2020

4. Physicochemical, rheological, molecular, thermal and sensory evaluation of newly developed complementary infant (6-24 months old) foods prepared with quinoa (Chenopodium quinoa Willd.) flour
By: Aysel, Mehmet Turan; Yilmaz, Mustafa Tahsin; Cebi, Nur; et al.
FOOD CHEMISTRY Volume: 315 Article Number: 126208 Published: JUN 15 2020

5. Structure-based screening for discovery of sweet compounds

Click on the Journal's name

Web of Science

Search Results: 26,682 (from Web of Science Core Collection)

You searched for: PUBLICATION NAME: (food chemistry) ...More

Sort by: Date | Times Cited | Usage Count | Relevance | More

1. Long-term responses to climate change of the carbon and oxygen stable isotopic compositions and ...
FOOD CHEMISTRY

Impact Factor
5,399 5,488
2018 5 year

JCR # Category	Rank in Category	Quartile in Category
CHEMISTRY, APPLIED	5 of 71	Q1
FOOD SCIENCE & TECHNOLOGY	7 of 135	Q1
NUTRITION & DIETETICS	10 of 87	Q1

Data from the 2018 edition of Journal Citation Reports

Publisher
ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND

ISSN: 0308-8146
eISSN: 1873-7072

Research Domain
Chemistry
Food Science & Technology
Nutrition & Dietetics

Click here ("Journal Citation Reports")

and see point 4 above.

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Academy of Sciences of the Czech Republic

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