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

Judul Jurnal Ilmiah (Artikel)	:	Evaluating the Parameter Influence in the Event of a Ship Collision based on the Finite Element Approach		
Jumlah Penulis	:	4 orang		
Status Pengusul	:	penulis ke-4		
Identitas Jurnal Ilmiah	:	a. Nama Jurnal	:	International Journal of Technology (IJTech)
		b. Nomor ISSN	:	p-ISSN 2086-9614 e-ISSN 2087-2100
		c. Vol, No., Bln Thn	:	Vol 7, No 4 (2016)
		d. Penerbit	:	Faculty of Engineering Universitas Indonesia
		e. DOI artikel (jika ada)	:	https://doi.org/10.14716/ijtech.v7i4.2104
		f. Alamat web jurnal	:	http://www.ijtech.eng.ui.ac.id/old/index.php/journal/article/view/2104
		Alamat Artikel	:	http://eprints.undip.ac.id/72064/1/IJTECH_2104577.pdf
		g. Terindex	:	Scopus, Q2

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
- [√] Jurnal Ilmiah Internasional
- [ ] Jurnal Ilmiah Nasional Terakreditasi
- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Reviewer		Nilai Rata-rata
	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi jurnal (10%)	3,50	3,50	3,50
b. Ruang lingkup dan kedalaman pembahasan (30%)	10,50	10,50	10,50
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	10,50	10,00	10,25
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	10,50	10,00	10,25
Total = (100%)	**35,00**	**34,00**	**34,50**
Nilai Pengusul = (40% x 34,50) /3= 4,60			

Semarang, 17 Juni 2019

Reviewer 2

Ojo Kurdi, S.T., M.T., Ph.D
NIP. 197303171999031001
Unit Kerja : S1 Teknik Mesin FT UNDIP

Reviewer 1

Dr.Eng. Hartono Yudo, S.T., M.T.
NIP. 197510211999031004
Unit Kerja : S1 Teknik Perkapalan FT UNDIP

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

Judul Jurnal Ilmiah (Artikel)	:	Evaluating the Parameter Influence in the Event of a Ship Collision based on the Finite Element Approach		
Jumlah Penulis	:	4 orang		
Status Pengusul	:	penulis ke-4		
Identitas Jurnal Ilmiah	:	a. Nama Jurnal	:	International Journal of Technology (IJTech)
		b. Nomor ISSN	:	p-ISSN 2086-9614 e-ISSN 2087-2100
		c. Vol, No., Bln Thn	:	Vol 7, No 4 (2016)
		d. Penerbit	:	Faculty of Engineering Universitas Indonesia
		e. DOI artikel (jika ada)	:	https://doi.org/10.14716/ijtech.v7i4.2104
		f. Alamat web jurnal	:	http://www.ijtech.eng.ui.ac.id/old/index.php/journal/article/view/2104
		Alamat Artikel	:	http://eprints.undip.ac.id/72064/1/IJTECH_2104577.pdf
		g. Terindex	:	Scopus, Q2

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
- [√] Jurnal Ilmiah Internasional
- [ ] Jurnal Ilmiah Nasional Terakreditasi
- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional ☐	Nasional Terakreditasi ☐	Nasional Tidak Terakreditasi ☐	
a. Kelengkapan unsur isi jurnal (10%)	4,00			3,50
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,00			10,50
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12,00			10,50
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12,00			10,50
Total = (100%)	**40,00**			**35,00**
Nilai Pengusul = (40% x 35,00)/3 = 4,66				

Catatan Penilaian artikel oleh Reviewer :

1. **Kesesuaian dan kelengkapan unsur isi jurnal:**
   Artikel telah lengkap dan sesuai dengan format yang diminta oleh pihak jurnal yang dituju.

2. **Ruang lingkup dan kedalaman pembahasan:**
   Ruang lingkup artikel tentang analisis Finite Element pada tumbukan kapal telah dibahas dengan cukup mendalam. Sehingga dengan pemodelan ini telah memberikan kontribusi pada penelitian mendatang.
3. **Kecukupan dan kemutakhiran data/informasi dan metodologi:**
   Kebaruan artikel cukup baik dengan metode analisis yang baru berkembang saat ini.

4. **Kelengkapan unsur dan kualitas terbitan:**
   Kualitas penerbit jurnal baik dengan indeks Scopus Q2, jurnal memenuhi semua unsur penerbitan jurnal. Similarity indeks artikel pada Turnitin 8%.

Semarang, 17 Juni 2019
Reviewer 1

Dr.Eng. Hartono Yudo, S.T., M.T.
NIP. 197510211999031004
Unit Kerja : S1 Teknik Perkapalan FT UNDIP

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

Judul Jurnal Ilmiah (Artikel)	:	Evaluating the Parameter Influence in the Event of a Ship Collision based on the Finite Element Approach		
Jumlah Penulis	:	4 orang		
Status Pengusul	:	penulis ke-4		
Identitas Jurnal Ilmiah	:	a. Nama Jurnal	:	International Journal of Technology (IJTech)
		b. Nomor ISSN	:	p-ISSN 2086-9614 e-ISSN 2087-2100
		c. Vol, No., Bln Thn	:	Vol 7, No 4 (2016)
		d. Penerbit	:	Faculty of Engineering Universitas Indonesia
		e. DOI artikel (jika ada)	:	https://doi.org/10.14716/ijtech.v7i4.2104
		f. Alamat web jurnal	:	http://www.ijtech.eng.ui.ac.id/old/index.php/journal/article/view/2104
		Alamat Artikel	:	http://eprints.undip.ac.id/72064/1/IJTECH_2104577.pdf
		g. Terindex	:	Scopus, Q2

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
- [√] Jurnal Ilmiah Internasional
- [ ] Jurnal Ilmiah Nasional Terakreditasi
- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional ☐	Nasional Terakreditasi ☐	Nasional Tidak Terakreditasi ☐	
a. Kelengkapan unsur isi jurnal (10%)	4,00			3,50
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,00			10,50
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12,00			10,00
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12,00			10,00
Total = (100%)	**40,00**			**34,00**
Nilai Pengusul = (40% x 34,00)/3 = 4,53				

Catatan Penilaian artikel oleh Reviewer :

1. **Kesesuaian dan kelengkapan unsur isi jurnal:**
   Artikel telah sesuai dan lengkap dengan panduan penulisan jurnal.

2. **Ruang lingkup dan kedalaman pembahasan:**
   Ruang lingkup artikel cukup luas dengan tema utama analisis Finite Element pada tubrukan kapal. Pembahasan cukup baik dan mendalam.
3. **Kecukupan dan kemutakhiran data/informasi dan metodologi:**
   Jumlah referensi cukup banyak dan up to date. Metodologi yang digunakan cukup mutakhir.

4. **Kelengkapan unsur dan kualitas terbitan:**
   Reputasi jurnal cukup baik dengan terindeks Scopus Q2, unsur terbitan lengkap. SJR indeks cukup baik 0,15 dan H-indeks 3.

Semarang, 17 Juni 2019
Reviewer 2

Ojo Kurdi, S.T., M.T., Ph.D
NIP. 197303171999031001
Unit Kerja : S1 Teknik Mesin FT UNDIP

Document details

‹ Back to results | ‹ Previous 21 of 23 Next ›

Export Download Print E-mail Save to PDF Add to List More... ›

View at Publisher

International Journal of Technology Open Access
Volume 7, Issue 4, 2016, Pages 592-602

Evaluating the parameter influence in the event of a ship collision based on the finite element method approach (Article)

Prabowo, A.P.[a], Bae, D.-M.[b], Sohn, J.-M.[b], Zakki, A.F.[c]

[a]Interdisciplinary Program of Marine Convergence Design, Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, 48513, South Korea
[b]Department of Naval Architecture and Marine Systems Engineering, Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, 48513, South Korea
[c]Department of Naval Architecture, Diponegoro University, Jl. Prof. Soedharto, SH, Tembalang, Semarang, Central Java, 50275, Indonesia

Abstract

View references (19)

The main objective of this paper is to review and examine the effects of the selected collision parameter values on the characteristics of collision energy in several ship collision scenarios. The benchmarking particulars were taken from the ship-to-ship collision case on Sunda Strait in 2014, while the collision process was modeled with non-linear simulations using the finite element (FE) method to determine the predicted damage and internal energy in the collision process. In the first phase, the verified model for the numerical simulation was built based on the benchmarks and other previous findings by researchers. The study of parameters during the collision process was performed in a later stage. The location of the target point in the vertical axis and the effect of the collision angle were the primary main focuses. The characteristics of damage and energy tendencies will be presented. One remarkable findings was that the structure of the car deck showed a better resistance and was more difficult to destroy than the other proposed locations. The angle position between the two objects during the impact process significantly contributed to the damage pattern on the side hull. The final results also indicated that the cross-section of the target point's location influenced the observed parameters. © IJTech 2016.

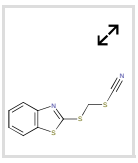
SciVal Topic Prominence

Topic: Ships | Crashworthiness | Double hull

Prominence percentile: 91.614

Chemistry database information

Substances



Author keywords

Collision angle | Impact phenomenon | Internal energy | Structural damage | Target point location

ISSN: 20869614
Source Type: Journal
Original language: English
DOI: 10.14716/ijtech.v7i4.2104
Document Type: Article
Publisher: Faculty of Engineering Universitas Indonesia

References (19)

View in search results format >

All | Export | Print | E-mail | Save to PDF | Create bibliography

1 Alsos, H.S., Amdahl, J.
On the resistance of tanker bottom structures during stranding

(2007) *Marine Structures*, 20 (4), pp. 218-237. Cited 85 times.
doi: 10.1016/j.marstruc.2007.06.001

View at Publisher

2 Amdahl, J., Kavlie, D.
(1992) *Experimental and Numerical Simulation of Double Hull Stranding*. Cited 34 times.
DNV-MIT Work Shop on Mechanics of Ship Collision and Grounding, DNV, Norway

3 Bathe, K.J.
(1996) *Finite Element Procedures*. Cited 7979 times.
Prentice-Hall, Inc., New Jersey, USA

4 Callister, W.D.
(2007) *Material Science and Engineering An Introduction*. Cited 214 times.
Seventh edition, John Wiley & Sons (Publisher), Inc., New York, USA

5 Ellinas, C.P., Valsgard, S.
COLLISIONS AND DAMAGE OF OFFSHORE STRUCTURES: A STATE-OF-THE-ART.

(1985) *Proceedings of the International Offshore Mechanics and Arctic Engineering Symposium*, 2, pp. 475-495. Cited 6 times.

6 (2003) *Development of Explanatory Notes for Harmonized SOLAS Chapter II-1*. Cited 5 times.
International Maritime Organization

7 Haris, S., Amdahl, J.
Analysis of ship-ship collision damage accounting for bow and side deformation interaction

(2013) *Marine Structures*, 32, pp. 18-48. Cited 63 times.
doi: 10.1016/j.marstruc.2013.02.002

View at Publisher

8 Lützen, M.
Ship Collision Damage
(2001) . Cited 70 times.
Ph.D. Thesis, Department of Mechanical Engineering Maritime Engineering, Technical University of Denmark, Lyngby, Denmark

9 Minorsky, V.U.
An Analysis of Ship Collision with Reference to Protection of Nuclear. Power Ships
(1959) *Journal of Ship Research*, 3 (2), pp. 1-4. Cited 276 times.

10 Ozguc, O., Das, P.K., Barltrop, N.
A comparative study on the structural integrity of single and double side skin bulk carriers under collision damage

(2005) *Marine Structures*, 18 (7-8), pp. 511-547. Cited 49 times.
doi: 10.1016/j.marstruc.2006.01.004

View at Publisher

11 Paik, Jeom Kee, Pedersen, P.Terndrup
Ultimate and crushing strength of plated structures

(1995) *Journal of Ship Research*, 39 (3), pp. 250-261. Cited 29 times.

12 Terndrup Pedersen, P., Valsgård, S., Olsen, D., Spangenberg, S.
Ship impacts: Bow collisions

(1993) *International Journal of Impact Engineering*, 13 (2), pp. 163-187. Cited 91 times.
doi: 10.1016/0734-743X(93)90091-K

View at Publisher

13 Prabowo, A.R.
Study on the Ship's Collision based on the Real Accident of the Ro-Ro Passenger
(2016)
Master Thesis, Department of Naval Architecture and Marine Systems Engineering, Pukyong National University, Busan, Republic of Korea

14 Samuelides, E., Frieze, P.A.
Fluid-structure interaction in ship collisions

(1989) *Marine Structures*, 2 (1), pp. 65-88. Cited 9 times.
doi: 10.1016/0951-8339(89)90024-5

View at Publisher

15 Simonsen, B.C.
The Mechanics of Ship Grounding
(1997) . Cited 69 times.
Ph.D. Thesis, Department of Naval Architecture and Offshore Engineering, Technical University of Denmark, Lyngby, Denmark

16 Tornqvist, R., Simonsen, B.C.
Safety and Structural Crashworthiness of Ship Structures; Modelling Tools and Application in Design
(2004) *Proceeding of International Conference on Collision and Grounding of Ships*. Cited 15 times.
Izu, Japan

17 Wang, G.
Structural Analysis of Ship Collision and Grounding
(1995) . Cited 28 times.

Ph.D. Thesis, University of Tokyo, Tokyo, Japan

18 Wen, H.-M., Jones, N.
Experimental investigation of the scaling laws for metal plates struck by large masses

(1993) *International Journal of Impact Engineering*, 13 (3), pp. 485-505. Cited 69 times.
doi: 10.1016/0734-743X(93)90120-V

View at Publisher

19 Zhang, S.
The Mechanics of Ship Collisions
(1999) . Cited 146 times.
Ph.D. Thesis, Department of Naval Architecture and Offshore Engineering, Technical University of Denmark, Lyngby, Denmark

Bae, D.-M.; Department of Naval Architecture and Marine Systems Engineering, Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, South Korea; email:dmbae@pknu.ac.kr

Delays in some content being added to Scopus

We have identified an issue which means that some sources will face delays in new issues being added to Scopus. We apologize for any inconvenience and will share updates via Twitter (@Scopus) and via the Scopus blog here

Scopus

Source details

International Journal of Technology

Open Access

Scopus coverage years: from 2010 to Present

Publisher: Faculty of Engineering Universitas Indonesia

ISSN: 2086-9614

Subject area: Engineering: General Engineering | Business, Management and Accounting: Strategy and Management | Business, Management and Accounting: Management of Technology and Innovation

CiteScore 2018
1.06

SJR 2018
0.345

SNIP 2018
1.395

View all documents > | Set document alert | Save to source list | Journal Homepage

CiteScore | CiteScore rank & trend | CiteScore presets | Scopus content coverage

CiteScore 2018

Calculated using data from 30 April, 2019

$$1.06 = \frac{\text{Citation Count 2018}}{\text{Documents 2015 - 2017*}} = \frac{\text{493 Citations >}}{\text{465 Documents >}}$$

*CiteScore includes all available document types

View CiteScore methodology > | CiteScore FAQ >

CiteScoreTracker 2019

Last updated on *09 September, 2019*
Updated monthly

$$0.61 = \frac{\text{Citation Count 2019}}{\text{Documents 2016 - 2018}} = \frac{\text{306 Citations to date >}}{\text{501 Documents to date>}}$$

Metrics displaying this icon are compiled according to Snowball Metrics ↗ , a collaboration between industry and academia.

CiteScore rank

Category	Rank	Percentile
Engineering — General Engineering	#110/275	60th
Business, Management and Accounting — Strategy and Management	#212/397	46th

View CiteScore trends >

Add CiteScore to your site

Delays in some content being added to Scopus

We have identified an issue which means that some sources will face delays in new issues being added to Scopus. We apologize for any inconvenience and will share updates via Twitter (@Scopus) and via the Scopus blog here

Delays in some content being added to Scopus

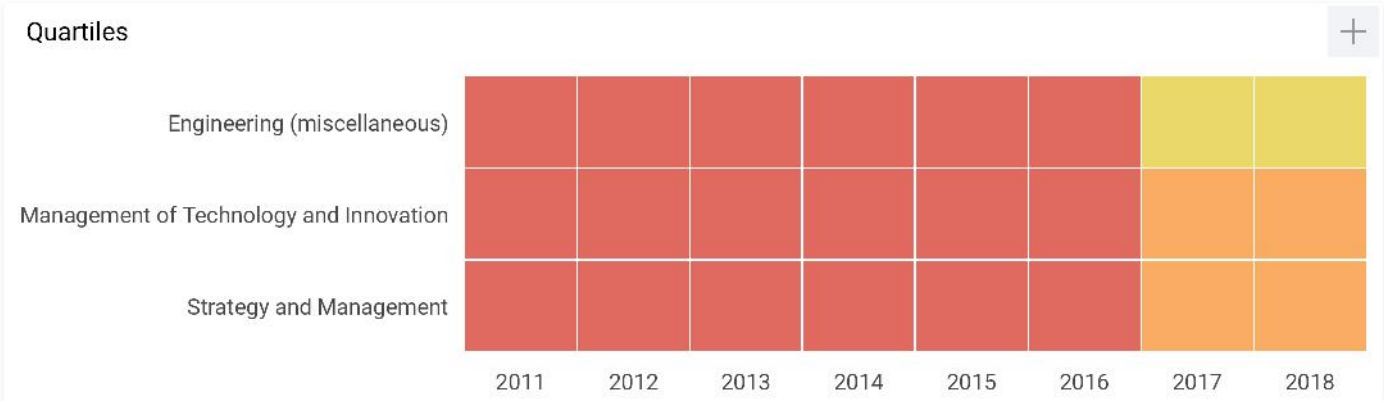
We have identified an issue which means that some sources will face delays in new issues being added to Scopus. We apologize for any inconvenience and will share updates via Twitter (@Scopus) and via the Scopus blog here

International Journal of Technology

Country	Indonesia - SIR Ranking of Indonesia
Subject Area and Category	Business, Management and Accounting Management of Technology and Innovation Strategy and Management Engineering Engineering (miscellaneous)
Publisher	Faculty of Engineering Universitas Indonesia
Publication type	Journals
ISSN	20869614
Coverage	2010-ongoing
Scope	International Journal of Technology (IJTech) is quarterly international referred journal with the objectives to explore, develop, and elucidate the knowledge of engineering design and technology, to keep practitioners and researchers informed on current issues and best practices, as well as serving as a platform for the exchange of ideas, knowledge, and expertise among technology researchers and practitioners.
	Homepage How to publish in this journal Contact
	Join the conversation about this journal

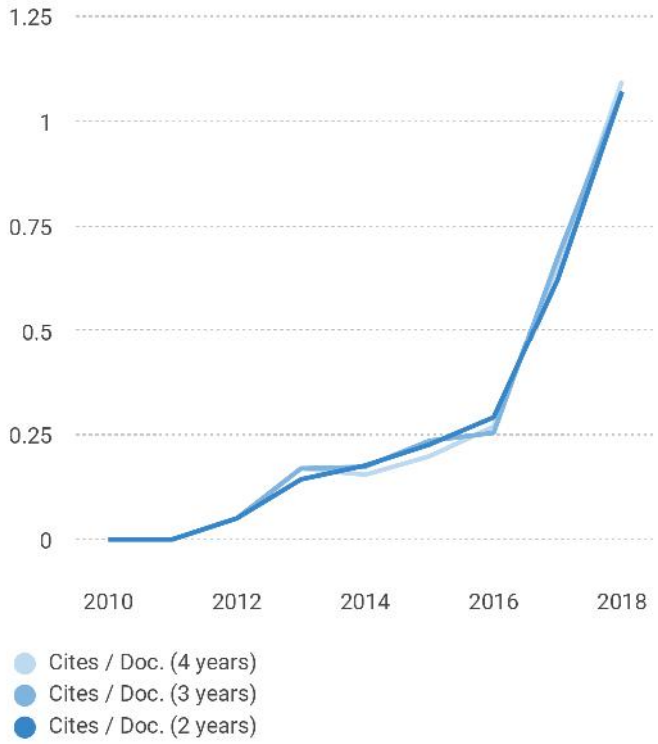
9

H Index

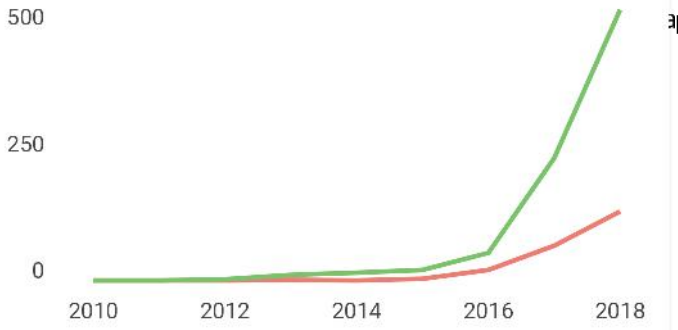


SJR

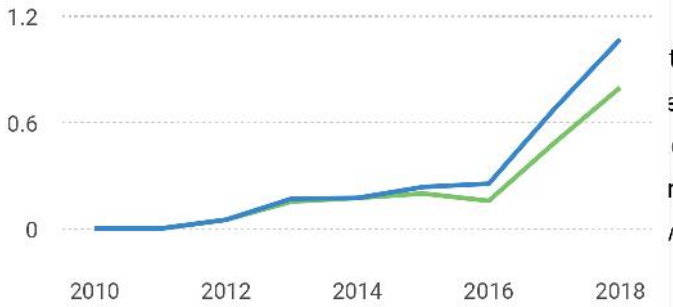
Citations per document



Total Cites Self-Cites

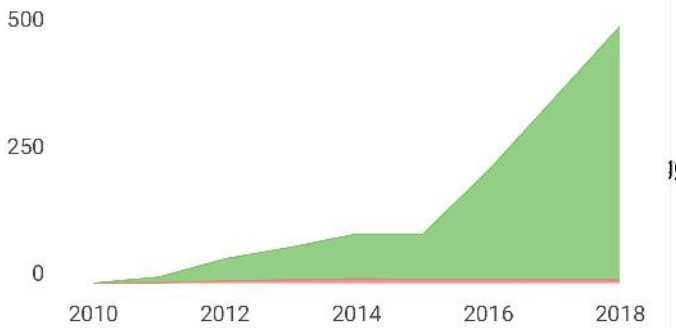


External Cites per Doc Cites per Doc

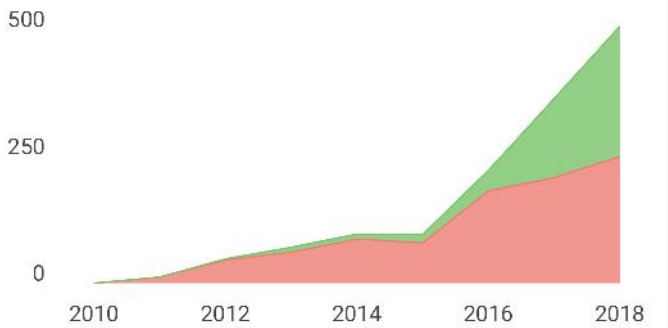


% International Collaboration

Citable documents Non-citable documents



Cited documents Uncited documents



Show this widget in your own website

d what are the conditions to be accepted.

it is free.
You will be ask for line editing, after your article is accepted. It is about US$130 for line editing. if you ask them to do that.

Elena Corera 12 months ago

Dear Agus Kusnayat,

thank you very much for your comment. Unfortunately, we cannot help you with your request, we suggest you contact journal's editorial staff so they could inform you more deeply. You can find contact information in SJR website https://www.scimagojr.com

Best regards,
SCImago Team

R

raheel 12 months ago

fee for publication ?

reply

Elena Corera 12 months ago

Dear Raheel,

thank you very much for your comment, unfortunately we cannot help you with your request. We suggest you check author's instructions in journal website. You can find that information in SJR website https://www.scimagojr.com

Best Regards,
SCImago Team

D **Dileep** 1 year ago

Is this journal paid??
How much publication charge??

reply

D **Dileep** 1 year ago

Is this journal is paid??
If yes how much is charge per paper??

reply

Elena Corera 1 year ago

Dear Dileep, we suggest you contact the journal directly. Best Regards, SCImago Team

J **junaidi Husin** 1 year ago

My Name is Junaidi,I wont published articel if myt articel is the best wint revier

YOUR'S SINCERELLY
JUNAIDI

reply

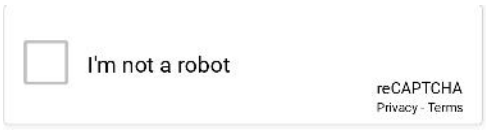
Elena Corera 1 year ago

Dear Junaidi, in the link below you will find the information corresponding to the author's instructions of this journal. Best regards, SCImago Team
http://www.ijtech.eng.ui.ac.id/old/index.php/journal/about/submissions

Leave a comment

Name

Email
(will not be published)

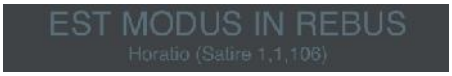


Submit

The users of Scimago Journal & Country Rank have the possibility to dialogue through comments linked to a specific journal. The purpose is to have a forum in which general doubts about the processes of publication in the journal, experiences and other issues derived from the publication of papers are resolved. For topics on particular articles, maintain the dialogue through the usual channels with your editor.

Developed by: Powered by:

Follow us on @ScimagoJR



International Journal of Technology

Volume 8 | Issue 2 | January 2017

www.ijtech.eng.ui.ac.id

Published by the Faculty of Engineering, Universitas Indonesia

EDITORIAL TEAM

Editor in Chief

1. Dr. Mohammed Ali Berawi, Universitas Indonesia, Indonesia

Managing Editor

1. Dr. Nyoman Suwartha, Universitas Indonesia, Indonesia

Members

1. Dr. Agus Sunjarianto Pamitran, Universitas Indonesia, Indonesia
2. Dr. Anwar Usman, Universiti Brunei Darussalam, Brunei Darussalam
3. Dr. Cecilia Vale, University of Porto, Portugal
4. Dr. Eko Adhi Setiawan, Universitas Indonesia, Indonesia
5. Dr. Eny Kusrini, Universitas Indonesia, Indonesia
6. Dr. Giuseppe Lo Papa, Teagasc Rural Economy Research Centre, Ireland
7. Dr. Hendri Dwi Saptioratri, Universitas Indonesia, Indonesia
8. Dr. Hng Huey Hoon, Nanyang Technological University, Singapore , Singapore
9. Dr. Johannes Widodo, National University of Singapore, Singapore
10. Dr. Lee Wilson, University of Saskatchewan, Canada
11. Dr. Muhamad Asvial, Universitas Indonesia, Indonesia
12. Dr. Muhammad Suryanegara, Universitas Indonesia, Indonesia
13. Dr. Nofrijon Sofyan, Universitas Indonesia, Indonesia
14. Dr. Reza Kia, Islamic Azad University, Iran (Islamic Republic of)
15. Dr. Roy Woodhead, Digital Innovation, Sheffield Business School, Sheffield Hallam University, United Kingdom
16. Dr. Ruki Harwahyu, Universitas Indonesia, Indonesia
17. Dr. Sam P. Sinha, Scientific Research & Development, United States
18. Dr. Sri Harjanto, Universitas Indonesia, Indonesia
19. Dr. Yung-Jung Hsu, National Chiao Tung University, Taiwan
20. Prof. Dr. Akhmad Herman Yuwono , Universitas Indonesia, Indonesia
21. Prof. Dr. Bambang Sugiarto, Universitas Indonesia, Indonesia
22. Prof. Dr. Dedi Priadi, Universitas Indonesia, Indonesia
23. Prof. Dr. Esah Hamzah, Universiti Teknologi Malaysia, Malaysia
24. Prof. Dr. Hamzah Abdul Rahman, Universiti Malaya, Malaysia
25. Prof. Dr. Hideaki Ohgaki, Kyoto University, Japan
26. Prof. Dr. Isti Surjandari, Universitas Indonesia, Indonesia
27. Prof. Dr. Jong-Taek Oh, Chonnam National University, Korea, Republic of
28. Prof. Dr. Muhammad Idiris Saleh, Universiti Sains Malaysia, Malaysia
29. Prof. Dr. Nandy Putra, Universitas Indonesia, Indonesia
30. Prof. Dr. Raimundo Delgado, University of Porto, Portugal
31. Prof. Dr. Simon P. Ringer, University of Sydney, Australia
32. Prof. Dr. Sutrasno Kartohardjono, Universitas Indonesia, Indonesia
33. Prof. Dr. T. Yuri M. Zagloel, Universitas Indonesia, Indonesia
34. Prof. Dr. Toshio Shudo, Tokyo Metropolitan University, Japan
35. Prof. Dr. Yandi Andri Yatmo, Universitas Indonesia, Indonesia

36. Prof. Dr. Yung- Hui Lee, National Taiwan University, Taiwan
37. Prof. Paramita Atmodiwiryo, Universitas Indonesia, Indonesia
38. Prof. Rui Calcada, University of Porto, Portugal

About the Journal

- Editorial Board (http://ijtech.eng.ui.ac.id/people)
- Focus and Scope (http://ijtech.eng.ui.ac.id/about/5/focus-and-scope)
- Online Submissions (http://ijtech.eng.ui.ac.id/about/3/online-submission)
- Publication Policy (http://ijtech.eng.ui.ac.id/about/11/publication-policy)
- Publication Ethics and Policy (http://ijtech.eng.ui.ac.id/about/10/policy)
- Author Guidelines (http://ijtech.eng.ui.ac.id/about/4/author-guidelines)
- (http://ijtech.eng.ui.ac.id/about/12)List of Reviewers

Login

Username

Username or email

Password

Password

Not as user?
Register (http://ijtech.eng.ui.ac.id/register)

LOGIN

IJTech

p-ISSN : 2086-9614
e-ISSN : 2087-2100

Journal Metrics

Metrics by SCOPUS 2018
CiteScore 2018: **1.06**
SCImago Journal Rank (SJR): **0.345**
Source Normalized Impact per Paper (SNIP): **1.395**

Acceptance rate: **27.84** %
Average time to publish: **161** days.

IJTech is indexed in:

(http://www.scopus.com)

(http://www.ebsco.com/index.asp)

(http://www.doaj.org)

(http://www.scimagojr.com)

(http://www.indexcopernicus.com)

(http://www.crossref.org)

(http://ip-science.thomsonreuters.com/cgi-bin/jrnlst
/jlresults.cgi?PC=EX&Full=international%20journal%20of%20technology)

(http://info.flagcounter.com/AoS7)

IJTech secretariat, Engineering Center Bld., 2nd Fl.
Faculty of Engineering, Universitas Indonesia
Depok 16424, Indonesia.

International Journal of Technology

Search... by All

HOME

Home > Vol 7, No 4 (2016)

Vol 7, No 4 (2016)

Editorials

Accelerating Sustainable Infrastructure Development: Assuring Well-Being and Ensuring Environmental Sustainability
Mohammed Ali Berawi
pages: 527-529

Articles

The Green Construction Site Index (GCSI): A Quantitative Tool used to Assess an Ongoing Project to Meet the Green Construction Concept
Ferry Firmawan, Fadil Othman, Khairulzan Yahya, Zaiton Haron
pages: 530-543

Mapping Priorities for the Development of the Transportation Infrastructure in the Provincial Capitals of Indonesia
Yusuf Latief, Mohammed Ali Berawi, Ayomi Dita Rarasati, Leni Sagita Supriadi, Abdur Rohim Boy Berawi, Ineswari Syifa Hayuningtiyas
pages: 544-552

The Impact of Intelligent Transport System Quality: Drivers' Acceptance Perspective
Hassn Ahmed H. Hassn, Amiruddin Ismail, Muhamad Nazri Borhan, Deprizon Syamsunur
pages: 553-561

Developing a Model of Toll Road Service Quality using an Artificial Neural Network Approach
Herry T. Zuna, Sigit P. Hadiwardoyo, Hedy Rahadian
pages: 562-570

Route Divert Behavior in Jakarta Electronic Road Pricing Policy Implementation
Muhamad Rizki, Rudy Hermawan Karsaman, Idwan Santoso, Russ Bona Frazila
pages: 571-580

Intercity Mode Choice Modelling: Considering the Intracity Transport Systems with Application to the Jakarta-Bandung Corridor
Lita Sari Barus, Hipolito Martell-Flores, Sigit Pranowo Hadiwardoyo, Jean Louis Bazo
pages: 581-591

Evaluating the Parameter Influence in the Event of a Ship Collision based on the Finite Element Approach
Aditya Rio Prabowo, Dong Myung Bae, Jung Min Sohn, Ahmad Fauzan Zakki
pages: 592-602

A Shoveling-related Pain Intensity Prediction Expert System for Workers' Manual Movement of Material
Adeyemi Hezekiah Oluwole, Adefemi A. Adekunle, Akinyemi O. Olasunkanmi, Adefemi O. Adeodu
pages: 603-615

Degradation Characteristics of Vulcanized Natural Rubber by

Biogas from Palm Oil Mill Effluent: Characterization and Removal of CO2

Login here is only for monitoring existing article. For new submission, please go to our new website.

Username
Password
Remember me
Login
Forgot password

Dimethyl Ether through Filler and Plasticizer Composition Variations
Asep Handaya Saputra, Johan Johan, Yuli Indah Sari, Adi Cifriadi, Dadi R. Maspanger, Setijo Bismo
pages: 616-624

Using Modified Clinoptilolite Zeolites in a Fixed-Bed Column
Tuty Kusrini, Maya Lukita, Misri Gozan, Bambang Heru Susanto, Teguh Wikan Widodo, Dody Alharis Nasution, Sholla Wu, Arif Rahman, Yusraini Dian Inayati Siregar

5G as Disruptive Innovation: Standard and Regulatory Challenges at a Country Level
Muhammad Suryanegara
pages: 635-642

Framework for Ranking Service Providers of Federated Cloud Architecture using Fuzzy Sets
L. Aruna, M. Aramudhan
pages: 643-653

Query Region Determination based on Region Importance Index and Relative Position for Region-based Image Retrieval
Pasnur Pasnur, Agus Zainal Arifin, Anny Yuniarti
pages: 654-662

Enhanced Low Latency Queuing Algorithm for Real Time Applications in Wireless Networks
P. Rukmani, R. Ganesan
pages: 663-672

Bio-inspired, Cluster-based Deterministic Node Deployment in Wireless Sensor Networks
Vergin Raja Sarobin M, R. Ganesan
pages: 673-682

Left-Handed Metamaterial (LHM) Structure Stacked on a Two-Element Microstrip Antennas Array
Fitri Yuli Zulkifli, Nugroho Adi Saputro, Basari Basari, Eko Tjipto Rahardjo
pages: 683-690

Incorporating Stability and Error-based Constraints for a Novel Partitional Clustering Algorithm
K. Aparna, Mydhili K. Nair
pages: 691-700

A Simple Three Branch Optical Power Splitter Design based on III-Nitride Semiconductor for Optical Telecommunication
Retno Wigajatri Purnamaningsih, Nyi Raden Poespawati, Elhadj Dogeche, Dimitris Pavlidis
pages: 701-708

Performance Analysis of an Automatic Green Pellet Nuclear Fuel Quality Classification using Modified Radial Basis Function Neural Networks
Benyamin Kusumoputro, Dede Sutarya, Akhmad Faqih
pages: 709-719

Design and Fabrication of a Solar Power System for an Active RFID Tag
Nji Raden Poespawati, Muhammad Rifki Nugroho
pages: 720-728

Office:
IJTech secretariat, Gd. Engineering Center Lt.2, Faculty of Engineering, Universitas Indonesia
Depok 16424, Indonesia.