

# Author details

[About Scopus Author Identifier](#)

[Print](#) [Email](#)

## Tumbelaka, Hanny H.

[Follow this Author](#)

HT

Universitas Kristen Petra, Department of Electrical Engineering, Surabaya, East Java, Indonesia  
Author ID: 12141979200

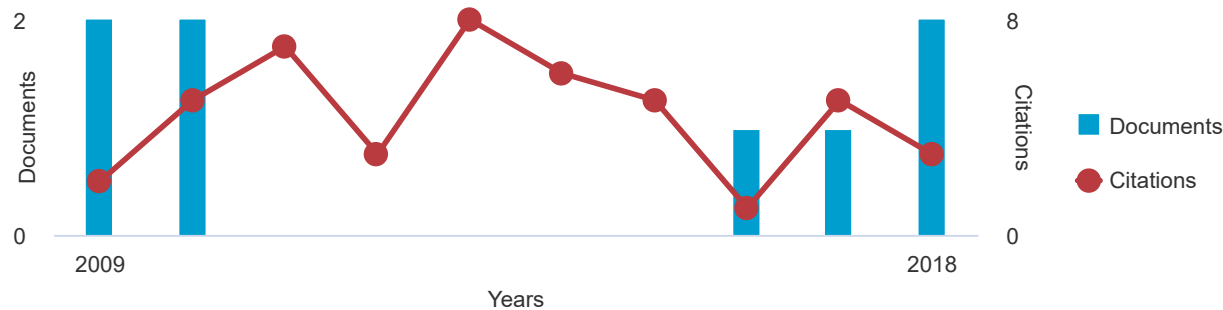
[View potential author matches](#)

Other name formats: [Tumbelaka, Hanny](#) [Tumbelaka, H. H.](#)

Subject area:

[Engineering](#) [Energy](#) [Computer Science](#) [Materials Science](#) [Mathematics](#)

Document and citation trends:



## Tumbelaka, Hanny H. ↗

Universitas Kristen Petra, Department of Electrical Engineering

[Is this you?](#)

*h*-index: ⓘ

3

[View \*h\*-graph](#)

Documents by author

12

[Analyze author output](#)

Total citations

48 by 45 documents







[Get citation alerts](#) [+ Add to ORCID ⓘ](#) [Request author detail corrections](#)

View in search results format &gt;

Sort on: Date (newest)

Export all   Add all to list   Set document alert   Set document feed

Document title	Authors	Year	Source	Cited by
Modeling of energy production of sengguruh hydropower plant using neuro fuzzy network	Rohi, D., Tumbelaka, H.H.	2018	Journal of Telecommunication, Electronic and Computer Engineering	0
View abstract	Related documents			
The impact of transformer winding connections of a grid-connected PV on voltage quality improvement	Tumbelaka, H.H., Muljadi, E., Gao, W.	2018	International Journal of Renewable Energy Research	0
View abstract	Related documents			
Power quality improvement utilizing photovoltaic generation connected to a weak grid	Tumbelaka, H.H., Muljadi, E., Gao, W.	2017	2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017	1
View abstract	Related documents			
A single-phase twin-buck inverter	Tumbelaka, H.H.	2016	Lecture Notes in Electrical Engineering	0
View abstract	Related documents			
Simple integration of three-phase shunt active power filter and photovoltaic generation system with fibonacci-search-based MPPT	Tumbelaka, H.H., Miyatake, M.	2010	ISIEA 2010 - 2010 IEEE Symposium on Industrial Electronics and Applications	12
View abstract	Related documents			
A grid current-controlled inverter with particle swarm optimization MPPT for PV generators	Tumbelaka, H.H., Miyatake, M.	2010	World Academy of Science, Engineering and Technology	2
View abstract	Related documents			

Document title	Authors	Year	Source	Cited by
An integrated system for active filter and photovoltaic energy conversion	Tumbelaka, H.H., Miyatake, M.	2009	Proceedings - The 12th International Conference on Electrical Machines and Systems, ICEMS 2009	3
View abstract  Related documents				
A grid current-controlling shunt active power filter	Tumbelaka, H.H., Borle, L.J., Nayar, C.V., Lee, S.-R.	2009	Journal of Power Electronics	19
View abstract  Related documents				
A grid current-controlling shunt active power filter	Tumbelaka, H.H., Borle, L.J., Nayar, C.V., Lee, S.R.	2008	7th International Conference on Power Electronics, ICPE'07	1
View abstract  Related documents				
Analysis of a series inductance implementation on a three-phase shunt active power filter for various types of non-linear loads	Tumbelaka, H.H., Borle, L.J., Nayar, C.V.	2005	Australian Journal of Electrical and Electronics Engineering	8
View abstract  Related documents				
Performance comparison of a current controlled and line commutated inverter in maximum wind energy conversion	Tan, K., Islam, S., Tumbelaka, H.	2003	IPEC 2003 - 6th International Power Engineering Conference	0
View abstract  Related documents				
Active filtering applied to a line-commutated inverter fed permanent magnet wind generator	Tumbelaka, H.H., Nayar, C.V., Tan, K., Borle, L.J.	2003	IPEC 2003 - 6th International Power Engineering Conference	2
View abstract  Related documents				

Display: 20  results per page

## About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

## Language

[日本語に切り替える](#)

[切换到简体中文](#)

[切换到繁體中文](#)

[Русский язык](#)

## Customer Service

[Help](#)

[Contact us](#)

---

**ELSEVIER**

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © 2019 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX Group™



# Journal of Power Electronics

**Country** [South Korea](#) - [SJR Ranking of South Korea](#)

**Subject Area and Category** [Engineering](#)  
[Control and Systems Engineering](#)  
[Electrical and Electronic Engineering](#)

**Publisher** [Korean Institute of Power Electronics](#)

**Publication type** [Journals](#)

**ISSN** [15982092](#)

**Coverage** [2008-ongoing](#)

**Scope** The scope of the journal includes all issues in the field of Power Electronics. Included are techniques for high power converters, power quality and utility applications, renewable energy, sensors, low power converters, control in power electronics, motor drives, electric machines, analysis, simulation and control, power devices and components, integration and packaging, educations, and other applications.

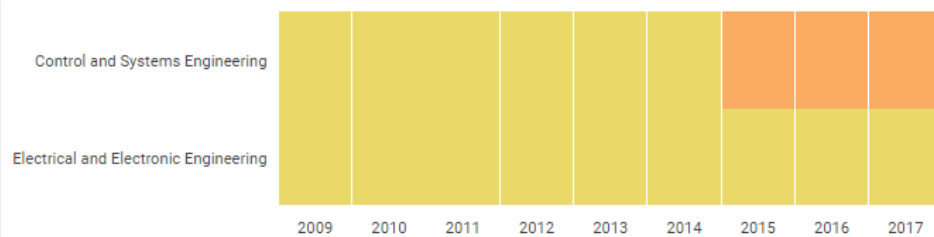
[Homepage](#)

[Join the conversation about this journal](#)

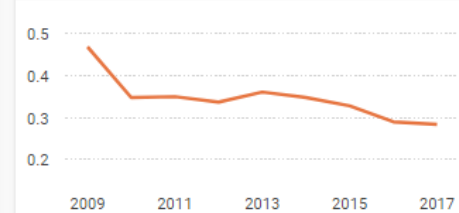
# 24

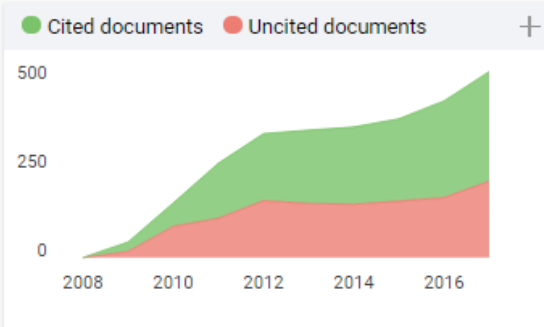
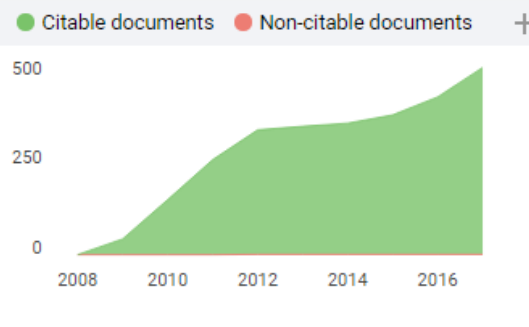
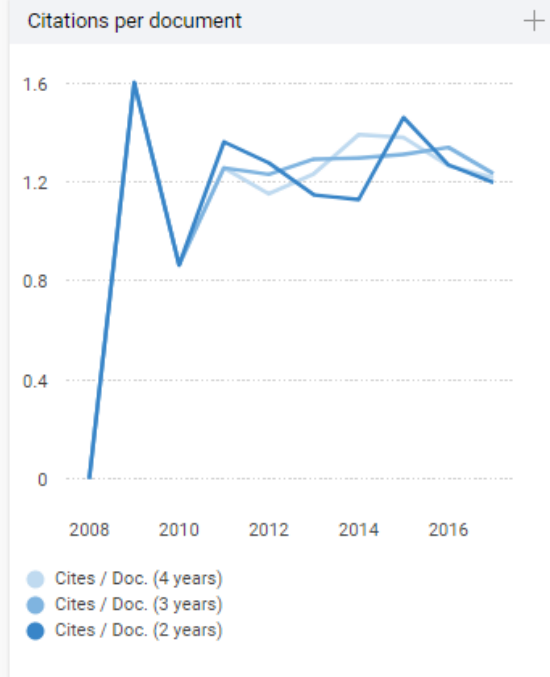
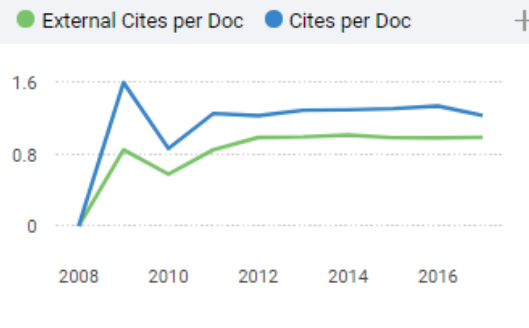
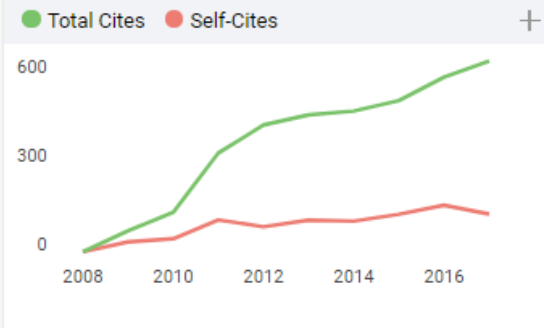
H Index

Quartiles



SJR





Journal of Power Electronics

Q2 Electrical and Electronic Engineering best quartile

SJR 2017 0.28

powered by scimagojr.com

← Show this widget in your own website

Just copy the code below and paste within your html code:

```
<a href="https://www.scimagojr.com" style="display: inline-block; border: 1px solid black; padding: 2px 5px;">
  https://www.scimagojr.com

```

All subject areas

Electrical and Electronic Engineering

South Korea

All types

2017

Only Open Access Journals  Only SciELO Journals  Only WoS Journals ?

Display journals with at least 0

Citable Docs. (3years)

Apply

[Download data](#)

1 - 16 of 16



Title	Type	↓ SJR	H index	Total Docs. (2017)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	
1 <a href="#">International Journal of Precision Engineering and Manufacturing</a>	journal	0.663 Q1	36	217	897	5124	1473	881	1.72	23.61	
2 <a href="#">Smart Structures and Systems</a>	journal	0.591 Q1	33	124	397	4607	852	384	2.24	37.15	
3 <a href="#">Journal of Electromagnetic Engineering and Science</a>	journal	0.417 Q2	4	40	41	489	75	41	1.83	12.23	
4 <a href="#">Journal of Power Electronics</a>	journal	0.284 Q2	24	159	477	4070	587	476	1.20	25.60	



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

Judul Jurnal Ilmiah (Artikel) : A Grid Current-Controlling Shunt Active Power Filter  
 Penulis Jurnal Ilmiah : **Hanny H. Tumbelaka**, Lawrence J. Borle, Chemmangot V. Nayar, Seong-Ryong Lee  
 Jumlah penulis : 4 orang  
 Status Pengusul : penulis pertama / penulis ke ... / penulis korespondensi \*\*  
 Identitas Jurnal Ilmiah : a. Nama Jurnal : Journal of Power Electronics  
 b. Nomor ISSN : 1598-2092  
 c. Vol.,no.,bulan,tahun : Vo. 9 No. 3, 20 May 2009  
 d. Penerbit : The Korean Institute of Power Electronics  
 e. DOI artikel (jika ada): -  
 f. Alamat web jurnal :  
<http://jpels.org/digital-library/17519>  
<http://repository.petra.ac.id/id/eprint/18086>  
 g. Terindeks di : Scopus dan Scimagojr 0,469 2009 Q2

Kategori Publikasi Jurnal Ilmiah:  Jurnal Ilmiah Internasional / internasional bereputasi \*\*  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional terindeks di DOAJ, CABI, COPERNICUS\*\*

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah 40x60%			Nilai Akhir Yang Diperoleh
	Internasional <input checked="" type="checkbox"/>	Nasional Terakreditasi <input type="checkbox"/>	Nasional *** <input type="checkbox"/>	
a. Kelengkapan unsur isi artikel (10%)	2.4			1,92
b. Ruang lingkup dan kedalaman pembahasan (30%)	7.2			5,76
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	7.2			5,76
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	7.2			5,76
<b>Total = (100%)</b>	<b>24</b>			<b>19,2</b>
<b>Nilai Pengusul =</b>				

Catatan Penilaian artikel oleh Reviewer :

- Tentang kelengkapan dan kesesuaian unsur : unsur jurnal lengkap  
 .....
- Tentang ruang lingkup & kedalaman pembahasan : ruang lingkup sesuai bidang ilmu. Topik membahas dengan mendalam masalah implementasi shunt active power filter 3 fasa yang terdiri dari current control loop.  
 .....
- Kecukupan dan kemutahiran data serta metodologi : Data yang digunakan cukup terbaru. Metoda yang digunakan jelas.  
 .....



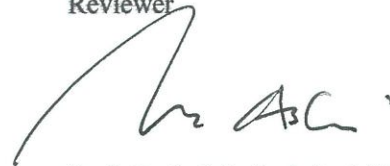
.....  
4. Kelengkapan unsur kualitas penerbit : jurnal diterbitkan oleh The Korean Institute of Power Electronics.  
Kualitas jurnal baik buku maupun online baik. Tahun 2009 terindex scopus Q2, SJR: 0.469  
.....

.....  
5. Indikasi plagiasi : tidak ada indikasi plagiasi. Tingkat similarity (menurut Turintin) sebesar 16%  
.....

.....  
6. Kesesuaian bidang ilmu : topik ini termasuk dalam bidang ilmu teknik elektro, khususnya elektronika daya,  
yang sesuai dengan bidang ilmu penulis  
.....  
.....

Surabaya, 21 Desember 2020

Reviewer



Prof. Dr. Ir. Moch. Ashari, M.Eng

NIP 196510121990031003

Unit kerja : ITS, Surabaya

Jbt akademik : Guru Besar

Bidang Ilmu : Teknik Elektro

\*\* coret yang tidak perlu

\*\*\* nasional / terindeks di DOAJ, CABI, Copernicus

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

Judul Jurnal Ilmiah (Artikel) : A Grid Current-Controlling Shunt Active Power Filter  
 Penulis Jurnal Ilmiah : **Hanny H. Tumbelaka**, Lawrence J. Borle, Chemmangot V. Nayar, Seong-Ryong Lee  
 Jumlah penulis : 4 orang  
 Status Pengusul : penulis pertama / penulis ke ... / penulis korespondensi \*\*  
 Identitas Jurnal Ilmiah : a. Nama Jurnal : Journal of Power Electronics  
 b. Nomor ISSN : 1598-2092  
 c. Vol.,no.,bulan,tahun : Vo. 9 No. 3, 20 May 2009  
 d. Penerbit : The Korean Institute of Power Electronics  
 e. DOI artikel (jika ada): -  
 f. Alamat web jurnal :  
<http://jpels.org/digital-library/17519>  
<http://repository.petra.ac.id/id/eprint/18086>

g. Terindeks di : Scopus dan Scimagojr0,469 2009 Q2

Kategori Publikasi Jurnal Ilmiah:  Jurnal Ilmiah Internasional / internasional bereputasi \*\*  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional terindeks di DOAJ, CABI, COPERNICUS\*\*

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah 40x60%			Nilai Akhir Yang Diperoleh
	Internasional <input checked="" type="checkbox"/>	Nasional Terakreditasi <input type="checkbox"/>	Nasional *** <input type="checkbox"/>	
a. Kelengkapan unsur isi artikel (10%)	2.4			2,4
b. Ruang lingkup dan kedalaman pembahasan (30%)	7.2			7,2
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	7.2			7
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	7.2			7,2
<b>Total = (100%)</b>	<b>24</b>			<b>23.8</b>
<b>Nilai Pengusul =</b>				

Catatan Penilaian artikel oleh Reviewer :

- Tentang kelengkapan dan kesesuaian unsur : sistematika penulisan paper lengkap.....  
 .....
- Tentang ruang lingkup & kedalaman pembahasan : ruang lingkup mencakup bidang ilmu teknik elektro. Pada paper dibahas dengan mendalam masalah implementasi shunt active power filter. Konfigurasi filter dan current control cukup jelas, sederhana dan efektif. Perlu tambahan hasil kuantitatif.  
 .....
- Kecukupan dan kemutahiran data serta metodologi : Datanya cukup dan mutahir. Metoda yang digunakan

jelas.

.....  
.....

4. Kelengkapan unsur kualitas penerbit : Kualitas jurnal baik.Tahun 2009 terindex scopus Q2, SJR: 0.469

.....  
.....

5. Indikasi plagiasi : tidak ada indikasi plagiasi. Tingkat kesamaannya 16%

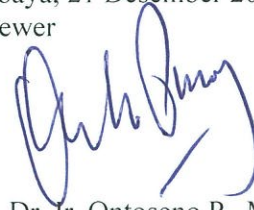
.....  
.....

6. Kesesuaian bidang ilmu : topik ini sesuai dengan bidang ilmu teknik elektro, khususnya elektronika daya.....

.....  
.....

Surabaya, 21 Desember 2020

Reviewer



Prof. Dr. Ir. Ontoseno P., M.Sc.

NIP: 194907151974121001

Unit kerja : ITS, Surabaya

Jbt akademik : Guru besar

Bidang Ilmu : Teknik Elektro (AST)

\*\* coret yang tidak perlu

\*\*\* nasional / terindeks di DOAJ, CABI, Copernicus