

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

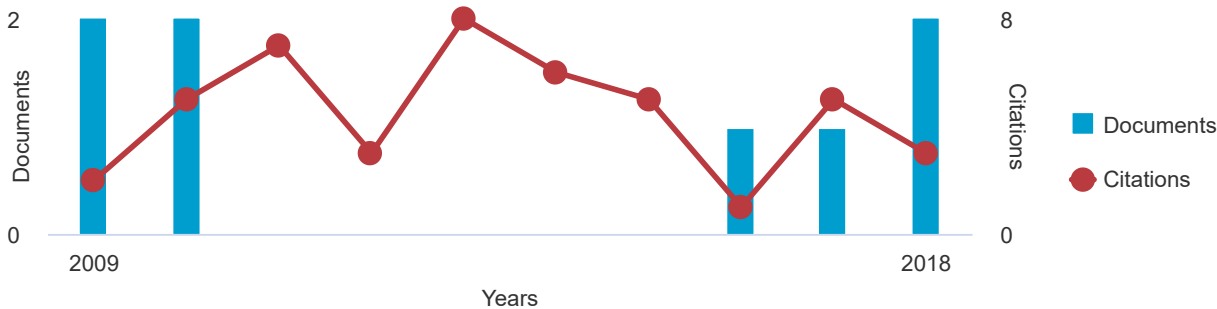
View potential author matches

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 >

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™

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

Judul karya ilmiah (paper) : Power Quality Improvement Utilizing Photovoltaic Generation Connected to a Weak Grid

Penulis : Hanny H. Tumbelaka, Eduard Muljadi, Wenzhong Gao

Jumlah Penulis : 3 orang

Status Pengusul : penulis pertama / penulis ke ... / penulis korespondensi **

Identitas Prosiding : a. Judul Prosiding : IEEE Energy Conversion Congress and Exposition (ECCE) 2017
b. ISBN : 978-1-5090-2998-3
c. Thn Terbit, Tempat : 2017
d. Penerbit/organiser : IEEE
e. Alamat repository PT/web prosiding :
<https://ieeexplore.ieee.org/document/8096548>
http://repository.petra.ac.id/17761/1/Publikasi1_89004_3835.pdf
f. Terindeks di (jika ada): Scopus dan Scimagojr

Kategori Publikasi Makalah : ☒ Prosiding Forum Ilmiah Internasional
(beri ✓ pada kategori yang tepat) ☐ Prosiding Forum Ilmiah Nasional

Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai | Nilai Maksimal <i>Prosiding</i> 30x60% | | Nilai Akhir Yang Diperoleh |
|--|--|--------------------------------------|----------------------------|
| | Internasional <input checked="" type="checkbox"/> | Nasional <input type="checkbox"/> | |
| a. Kelengkapan unsur isi paper (10%) | 1.8 | | 1,8 |
| b. Ruang lingkup dan kedalaman pembahasan (30%) | 5.4 | | 5 |
| c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%) | 5.4 | | 5 |
| d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%) | 5.4 | | 4,5 |
| Total = (100%) | 18 | | 16,3 |
| Nilai Pengusul = | | | |

Catatan Penilaian artikel oleh Reviewer :

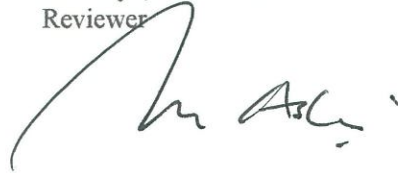
- Tentang kelengkapan dan kesesuaian unsur : unsur artikel lengkap
.....
.....
- Tentang ruang lingkup & kedalaman pembahasan : ruang lingkup sesuai bidang ilmu. Topik bahasan cukup mendalam tentang peningkatan kualitas tegangan listrik pada grid yang terhubung dengan PV
.....
.....
- Kecukupan dan kemutahiran data serta metodologi : Data dan metoda yang digunakan cukup.
.....
.....
- Kelengkapan unsur kualitas penerbit : kualitas dan kelengkapan unsur terbitan (prosiding) baik, penerbit

IEEE terindex scopus

5. Indikasi plagiasi : tidak ada indikasi plagiasi. Tingkat similarity (menurut Turintin) sebesar 2%

6. Kesesuaian bidang ilmu : topik ini termasuk dalam bidang ilmu teknik elektro (digabung dengan energi terbarukan) 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 : *PROSIDING*

Judul karya ilmiah (paper) : Power Quality Improvement Utilizing Photovoltaic Generation Connected to a Weak Grid

Penulis : **Hanny H. Tumbelaka**, Eduard Muljadi, Wenzhong Gao

Jumlah Penulis : 3 orang

Status Pengusul : penulis pertama / penulis ke-... / penulis korespondensi **

Identitas Prosiding : a. Judul Prosiding : IEEE Energy Conversion Congress and Exposition (ECCE) 2017
b. ISBN : 978-1-5090-2998-3
c. Thn Terbit, Tempat : 2017
d. Penerbit/organiser : IEEE
e. Alamat repository PT/web prosiding :
<https://ieeexplore.ieee.org/document/8096548>
http://repository.petra.ac.id/17761/1/Publikasi1_89004_3835.pdf
f. Terindeks di (jika ada): Scopus dan Scimagojr

Kategori Publikasi Makalah : ☒ *Prosiding* Forum Ilmiah Internasional
(beri ✓ pada kategori yang tepat) ☐ *Prosiding* Forum Ilmiah Nasional

Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai | Nilai Maksimal <i>Prosiding</i> 30x60% | | Nilai Akhir Yang Diperoleh |
|--|--|--------------------------------------|----------------------------|
| | Internasional <input checked="" type="checkbox"/> | Nasional <input type="checkbox"/> | |
| a. Kelengkapan unsur isi paper (10%) | 1.8 | | 1,8 |
| b. Ruang lingkup dan kedalaman pembahasan (30%) | 5.4 | | 5,2 |
| c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%) | 5.4 | | 5 |
| d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%) | 5.4 | | 5,4 |
| Total = (100%) | 18 | | 17,4 |
| Nilai Pengusul = | | | |

Catatan Penilaian artikel oleh Reviewer :

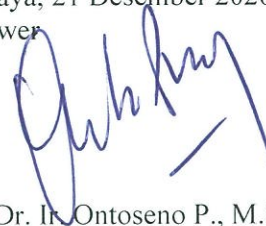
- Tentang kelengkapan dan kesesuaian unsur : sistematika penulisan lengkap.....
.....
.....
- Tentang ruang lingkup & kedalaman pembahasan : ruang lingkup mencakup bidang ilmu teknik elektro. Topik bahasan cukup mendalam tentang peningkatan kualitas tegangan listrik pada grid karena pengaruh PV on-grid. Perlu info (kemungkinan) improvement pada parameter power quality yang lain.....
.....
.....
- Kecukupan dan kemutahiran data serta metodologi : Datanya cukup dan metoda yang digunakan jelas.

4. Kelengkapan unsur kualitas penerbit : kelengkapan unsur kualitas terbitan (prosiding) baik, penerbit IEEE terindex scopus.....

5. Indikasi plagiasi : tidak ada indikasi plagiasi. Tingkat kesamaannya 2%.....

6. Kesesuaian bidang ilmu : topik ini sesuai bidang ilmu teknik elektro (digabung dengan energi terbarukan).....

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