

Herlambang Setiadi

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Extreme Learning Machine Based Adaptive VISMA for Stability Enhancement of Renewable Rich Power Systems. <i>Electronics (Switzerland)</i> , 2022, 11, 247.	3.1	1
2	Multi-Mode Damping Control Approach for the Optimal Resilience of Renewable-Rich Power Systems. <i>Energies</i> , 2022, 15, 2972.	3.1	2
3	Design of spark ignition engine speed control using bat algorithm. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 794.	0.7	1
4	All-terrain mobile robot desinfectant sprayer to decrease the spread of COVID-19 in open area. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 2090.	0.7	2
5	Adaptive Power System Stabilizer Using Kernel Extreme Learning Machine. <i>International Journal of Intelligent Engineering and Systems</i> , 2021, 14, 468-480.	0.6	1
6	Impact of Large-Scale Wind Power Penetration on Dynamic Voltage Stability of Interconnected Power System: An Indonesia Case Study. <i>International Journal of Intelligent Engineering and Systems</i> , 2021, 14, 251-263.	0.6	5
7	Influence of Adding BESS as Ancillary Controller of Wind Power Plant on Low Frequency Oscillation. <i>International Journal of Intelligent Engineering and Systems</i> , 2021, 14, 188-198.	0.6	0
8	Impacts of grid-tied microgrid on stability and interaction of power systems considering RE uncertainties. <i>Sustainable Energy, Grids and Networks</i> , 2021, 28, 100537.	3.9	8
9	Advanced Coordination of VIC, LFC, and AVR for Stability Enhancement on Renewable Rich Power System. , 2021, , .		0
10	Improvement of voltage profile for large scale power system using soft computing approach. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2020, 18, 376.	0.8	0
11	Advanced Wide-Area Monitoring System Design for Electrical Power System. <i>International Review on Modelling and Simulations</i> , 2020, 13, 362.	0.3	2
12	Prognostics Health Management (PHM) System for Power Transformer Using Kernel Extreme Learning Machine (K-ELM). , 2020, , .		0
13	Resilient wide-area multi-mode controller design based on Bat algorithm for power systems with renewable power generation and battery energy storage systems. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 1884-1894.	2.5	16
14	Enabling resilient wide-area POD at BESS in Java, Indonesia 500kV power grid. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 3734-3744.	2.5	13
15	Design of wide-area POD with resiliency using modified DEA for power systems with high penetration of renewable energy. <i>IET Renewable Power Generation</i> , 2019, 13, 342-351.	3.1	8
16	Optimization based Design of Dual Input PSS for Improving Small Signal Stability of Power System with RESs. <i>International Journal on Electrical Engineering and Informatics</i> , 2019, 11, 778-795.	0.5	4
17	Coordination of blade pitch controller and battery energy storage using firefly algorithm for frequency stabilization in wind power systems. <i>Telkomnika (Telecommunication Computing)</i> Tj ETQq1 1 0.78431408T /Overclock 10	0.8	10
18	Simultaneous Parameter Tuning of PSS and Wide-Area POD in PV Plant using FPA. <i>Engineering Journal</i> , 2019, 23, 66-66.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Improving a two-equation eddy-viscosity turbulence model to predict the aerodynamic performance of thick wind turbine airfoils. Journal of Physics: Conference Series, 2018, 974, 012019.	0.4	9
20	Enhancing BEM simulations of a stalled wind turbine using a 3D correction model. Journal of Physics: Conference Series, 2018, 974, 012020.	0.4	5
21	Modal interaction of power systems with high penetration of renewable energy and BES systems. International Journal of Electrical Power and Energy Systems, 2018, 97, 385-395.	5.5	53
22	Smart Frequency Control using Coordinated RFB and TCPS based on Firefly Algorithm. , 2018, , .		1
23	Optimal Power Flow using Fuzzy-Firefly Algorithm. , 2018, , .		3
24	Low-Frequency Oscillation Mitigation usin an Optimal Coordination of CES and PSS based on BA. , 2018, , .		0
25	Simultaneous Parameter Optimization for Coordinated Control of BESS and DIPSS using Clonal Selection. , 2018, , .		0
26	Influence of Reduced Inertia by Added Wind Farm on Low-Frequency Oscillatory Instability of Power Systems. , 2018, , .		0
27	Comparison of Battery Energy Storage Models for Small Signal Stability in Power System. , 2018, , .		4
28	Low-Frequency Oscillatory Stability Study on 500 kV Java-Indonesian Electric Grid. , 2018, , .		6
29	Small-Signal-Stability Enhancement using a Power-System Stabilizer based on the Cuckoo-Search Algorithm against Contingency N-1 in the Sulsebrabar 150-kV System. Makara Journal of Technology, 2018, 22, 1.	0.3	11
30	Influence of BES system on local and inter-area oscillation of power system with high penetration of PV plants. , 2017, , .		19
31	Impact of battery energy storage systems on electromechanical oscillations in power systems. , 2017, , .		17
32	Enabling PID and SSSC for load frequency control using Particle Swarm Optimization. , 2017, , .		11
33	The effects of energy storages on small signal stability of a power system. , 2017, , .		14
34	Stability enhancement of hybrid power systems using RFB based on Craziness PSO. , 2017, , .		6
35	Small-disturbance angle stability enhancement using intelligent redox flow batteries. , 2017, , .		15
36	Enabling BES in large PV plant for stability enhancement of power systems with high RES. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
37	Design blade pitch controller of wind turbine for load frequency control (LFC) using improved differential evolution algorithm (IDEA). , 2017, , .		0
38	Optimization of SMES and TCSC using particle swarm optimization for oscillation mitigation in a multi machines power system. Journal of Mechatronics, Electrical Power, and Vehicular Technology, 2017, 8, 11-21.	0.3	19
39	Capacitive Energy Storage (CES) Optimization For Load Frequency Control in Micro Hydro Power Plant Using Imperialist Competitive Algorithm (ICA). Emitter: International Journal of Engineering Technology, 2017, 5, 279-297.	0.7	10
40	Optimization pitch angle controller of rocket system using improved differential evolution algorithm. International Journal of Advances in Intelligent Informatics, 2017, 3, 27.	1.2	16
41	An Approach Transient Stability Analysis Using Equivalent Impedance Modified in 150 kV South of Sulawesi System. Jte-u, 2017, 1, 1-7.	0.2	8
42	Sistem Kontrol Frekuensi Optimal Pada Pembangkit Hibrid Wind-Diesel Dengan Imperialist Competitive Algorithm. Jurnal Teknologi Dan Sistem Komputer, 2017, 5, 135.	0.3	0
43	Design Controller Blade Pitch Angle Wind Turbine Using Hybrid Differential Evolution Algorithm-Particle Swarm Optimization. Advanced Science Letters, 2017, 23, 12396-12399.	0.2	4
44	Coordination of SPS and CES to Mitigate Oscillatory Condition on Power Systems. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 1601.	0.8	4
45	Modal Analysis and Stability Enhancement of 150 kV Sulselrabar Electrical System u sing PSS and RFB based on Cuckoo Search Algorithm. International Journal on Electrical Engineering and Informatics, 2017, 9, 800-812.	0.5	11
46	Frequency stability improvement of micro hydro power system using hybrid SMES and CES based on Cuckoo search algorithm. Journal of Mechatronics, Electrical Power, and Vehicular Technology, 2017, 8, 76-84.	0.3	7
47	Power System Design using Firefly Algorithm for Dynamic Stability Enhancement. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 1, 446.	0.8	31
48	Optimal selection of LQR parameter using AIS for LFC in a multi-area power system. Journal of Mechatronics, Electrical Power, and Vehicular Technology, 2016, 7, 93-104.	0.3	15