Tole Sutikno

List of Publications by Year
in descending order

236 papers	1,418 citations	516215 16 h-index	476904 29 g-index
236 all docs	236 docs citations	236 times ranked	975 citing authors

#	Article	IF	Citations
1	A review of direct torque control of induction motors for sustainable reliability and energy efficient drives. Renewable and Sustainable Energy Reviews, 2014, 32, 548-558.	8.2	85
2	An Optimized Switching Strategy for Quick Dynamic Torque Control in DTC-Hysteresis-Based Induction Machines. IEEE Transactions on Industrial Electronics, 2011, 58, 3391-3400.	5.2	78
3	An Improved FPGA Implementation of Direct Torque Control for Induction Machines. IEEE Transactions on Industrial Informatics, 2013, 9, 1280-1290.	7.2	74
4	Comparing Performance of Data Mining Algorithms in Prediction Heart Diseases. International Journal of Electrical and Computer Engineering, 2015, 5, 1569.	0.5	62
5	A Wide-Speed High Torque Capability Utilizing Overmodulation Strategy in DTC of Induction Machines With Constant Switching Frequency Controller. IEEE Transactions on Power Electronics, 2012, 27, 2566-2575.	5.4	61
6	Employing a Gaussian Particle Swarm Optimization method for tuning Multi Input Multi Output‐fuzzy system as an integrated controller of a micro‐grid with stability analysis. Computational Intelligence, 2020, 36, 225-258.	2.1	44
7	A Review on Perturb and Observe Maximum Power Point Tracking in Photovoltaic System. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 745.	0.6	34
8	A Review of Recent Advances on Hybrid Energy Storage System for Solar Photovoltaics Power Generation. IEEE Access, 2022, 10, 42346-42364.	2.6	33
9	Simple Dynamic Overmodulation Strategy for Fast Torque Control in DTC of Induction Machines With Constant-Switching-Frequency Controller. IEEE Transactions on Industry Applications, 2011, 47, 2283-2291.	3.3	30
10	WhatsApp, Viber and Telegram which is Best for Instant Messaging?. International Journal of Electrical and Computer Engineering, 2016, 6, 909.	0.5	29
11	Evaluation of Fuzzy Membership Function Effects for Maximum Power Point Tracking Technique of Photovoltaic System. IEEE Access, 2021, 9, 109157-109165.	2.6	28
12	Extending Switching Frequency for Torque Ripple Reduction Utilizing a Constant Frequency Torque Controller in DTC of Induction Motors. Journal of Power Electronics, 2011, 11, 148-155.	0.9	28
13	An Efficient Implementation of the Non Restoring Square Root Algorithm in Gate Level. International Journal of Computer Theory and Engineering, 2011, , 46-51.	3.2	25
14	Progress in Artificial Intelligence Techniques: from Brain to Emotion. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	20
15	A Simple Approach of Space-vector Pulse Width Modulation Realization Based on Field Programmable Gate Array. Electric Power Components and Systems, 2010, 38, 1546-1557.	1.0	19
16	A real-time big data sentiment analysis for iraqi tweets using spark streaming. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1411-1419.	0.6	19
17	Variable Step Size Perturb and Observe MPPT for PV Solar Applications. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 1.	0.6	17
18	A Review on Favourable Maximum Power Point Tracking Systems in Solar Energy Application. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 6.	0.6	16

#	Article	IF	Citations
19	Arduino Based Paperless Queue Management System. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT /Over	0.6	16
20	A Review on Favourable Maximum Power Point Tracking Systems in Solar Energy Application. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 6.	0.6	14
21	An optimized Extended Kalman Filter for speed sensorless direct troque control of an induction motor. , 2012, , .		13
22	Microwave Planar Sensor for Permittivity Determination of Dielectric Materials. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 362.	0.7	13
23	ZVS Full Bridge Series Resonant Boost Converter with Series-Connected Transformer. International Journal of Power Electronics and Drive Systems, 2017, 8, 812.	0.5	13
24	Phase-shifted Series Resonant Converter with Zero Voltage Switching Turn-on and Variable Frequency Control. International Journal of Power Electronics and Drive Systems, 2017, 8, 1184.	0.5	13
25	AN OPTIMIZED SQUARE ROOT ALGORITHM FOR IMPLEMENTATION IN FPGA HARDWARE. Telkomnika (Telecommunication Computing Electronics and Control), 2010, 8, 1.	0.6	13
26	A Review of Parabolic Dish-Stirling Engine System Based on Concentrating Solar Power. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 1142.	0.6	12
27	An Introduction to Journal Phishings and Their Detection Approach. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Over	0.6	12
28	A Hybrid DTC-DSC Drive for High Performance Induction Motor Control. Journal of Power Electronics, 2011, 11, 704-712.	0.9	12
29	Dynamic Evolution Control for Fuel Cell DC-DC Converter. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	12
30	IMAGE ENHANCEMENT USING CONTRAST STRETCHING ON RGB AND IHS DIGITAL IMAGE. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 45.	0.6	11
31	Phishing or Hijacking? Forgers Hijacked DU Journal by Copying Content of Another Authenticate Journal. Indonesian Journal of Electrical Engineering and Informatics, 2015, 3, .	0.3	11
32	A new model for iris data set classification based on linear support vector machine parameter's optimization. International Journal of Electrical and Computer Engineering, 2020, 10, 1079.	0.5	11
33	Intelligent Control Strategies for Tuning PID of Speed Control of DC Motor - A Review. , 2019, , .		10
34	Torque ripple minimization in direct torque control at low-speed operation using alternate switching technique. International Journal of Power Electronics and Drive Systems, 2022, 13, 631.	0.5	10
35	A review on non-isolated low-power DC–DC converter topologies with high output gain for solar photovoltaic system applications. Clean Energy, 2022, 6, 557-572.	1.5	10
36	How Can We Identify Hijacked Journals?. Bulletin of Electrical Engineering and Informatics, 2015, 4, .	0.6	9

#	Article	IF	Citations
37	A Review of Electromyography Signal Analysis Techniques for Musculoskeletal Disorders. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 1136.	0.7	9
38	MPPT for PV System Based on Variable Step Size Perturb and Observe Algorithm. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 79.	0.6	9
39	Improved Torque Control Performance of Direct Torque Control for 5-Phase Induction Machine. International Journal of Power Electronics and Drive Systems, 2013, 3, .	0.5	9
40	FPGA based high precision torque and flux estimator of direct torque control drives. , 2011, , .		8
41	K-nearest neighbor and naÃ¯ve Bayes based diagnostic analytic of harmonic source identification. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2650-2657.	0.6	8
42	Battery State-of-Charge Estimation with Extended Kalman-Filter using Third-Order Thevenin Model. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 401.	0.6	8
43	An Accurate Classification Method of Harmonic Signals in Power Distribution System by Utilising S-Transform. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 62.	0.6	8
44	Training of Convolutional Neural Network using Transfer Learning for Aedes Aegypti Larvae. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 1894.	0.6	8
45	An Efficient Strategy to Generate High Resolution Three-Phase Pulse Width Modulation Signal Based on Field Programmable Gate Array. International Journal of Computer and Electrical Engineering, 0, , 413-416.	0.2	8
46	Modeling of Balanced and Unbalanced Three-Phase Induction Motor under Balanced and Unbalanced Supply Based on Winding Function Method. International Journal of Electrical and Computer Engineering, 2015, 5, 644.	0.5	8
47	Application of inductive coupling for wireless power transfer. International Journal of Power Electronics and Drive Systems, 2020, 11, 1109.	0.5	8
48	FPGA based five-phase sinusoidal PWM generator. , 2012, , .		7
49	Review of the machine learning methods in the classification of phishing attack. Bulletin of Electrical Engineering and Informatics, 2019, 8, 1545-1555.	0.6	7
50	Augmented reality: effect on conceptual change of scientific. Bulletin of Electrical Engineering and Informatics, 2019, 8, 1537-1544.	0.6	7
51	An Improved Detection and Classification Technique of Harmonic Signals in Power Distribution by Utilizing Spectrogram. International Journal of Electrical and Computer Engineering, 2017, 7, 12.	0.5	7
52	Fortifying Big Data infrastructures to Face Security and Privacy Issues. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 751.	0.6	7
53	Modified SEPIC Converter Performance for Grid-connected PV Systems under Various Conditions. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2943.	0.6	7
54	MATLAB/SIMULINK BASED ANALYSIS OF VOLTAGE SOURCE INVERTER WITH SPACE VECTOR MODULATION. Telkomnika (Telecommunication Computing Electronics and Control), 2009, 7, 23.	0.6	7

#	Article	IF	Citations
55	A systematic literature review of machine learning methods in predicting court decisions. IAES International Journal of Artificial Intelligence, 2021, 10, 1091.	0.6	7
56	A Model of FPGA-based Direct Torque Controller. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2013, 11, .	0.1	7
57	Support-vector machine and naïve bayes based diagnostic analytic of harmonic source identification. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 1.	0.7	7
58	High efficiency of switching strategy utilizing cascaded H-bridge multilevel inverter for high-performance DTC of induction machine. , 2014, , .		6
59	Adaboost-multilayer perceptron to predict the student's performance in software engineering. Bulletin of Electrical Engineering and Informatics, 2019, 8, 1556-1562.	0.6	6
60	An effective transmit packet coding with trust-based relay nodes in VANETs. Bulletin of Electrical Engineering and Informatics, 2020, 9, 685-697.	0.6	6
61	Review of Dynamic Voltage Restorer Application for Compensation of Voltage Harmonics in Power Systems. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 58.	0.7	6
62	Simplified VHDL Coding of Modified Non-Restoring Square Root Calculator. International Journal of Reconfigurable and Embedded Systems (IJRES), 2012, 1, .	0.3	6
63	Proposal of the S-score for measuring the performance of researchers, institutions, and journals in Indonesia. Science Editing, 2018, 5, 135-141.	0.4	6
64	Simple Realization of 5-Segment Discontinuous SVPWM Based on FPGA. International Journal of Computer and Electrical Engineering, 0, , 148-157.	0.2	6
65	A Utilisation of Improved Gabor Transform for Harmonic Signals Detection and Classification Analysis. International Journal of Electrical and Computer Engineering, 2017, 7, 21.	0.5	6
66	Overview of Soft-Switching DC-DC Converters. International Journal of Power Electronics and Drive Systems, 2018, 9, 2006.	0.5	6
67	A simple strategy to solve complicated square root problem in DTC for FPGA implementation. , 2010, , .		5
68	A New Multilevel Member of Modified CUK Converter Family for Renewable Energy Applications. , 2019, , .		5
69	Implementation of Buck-Boost Converter as Low Voltage Stabilizer at 15 V. International Journal of Electrical and Computer Engineering, 2019, 9, 2230.	0.5	5
70	Extended family of DC-DC Quasi-Z-Source converters. International Journal of Electrical and Computer Engineering, 2019, 9, 4540.	0.5	5
71	Phishing detection system using nachine learning classifiers. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1165.	0.7	5
72	Improved Torque Control Performance in Direct Torque Control using Optimal Switching Vectors. International Journal of Power Electronics and Drive Systems, 2015, 5, 441.	0.5	5

#	Article	IF	Citations
73	Multiphase Transformer Modelling using Finite Element Method. International Journal of Power Electronics and Drive Systems, 2015, 6, 56.	0.5	5
74	A Concept of Virtual-Flux Direct Power Control of Three-Phase AC-DC Converter. International Journal of Power Electronics and Drive Systems, 2017, 8, 1776.	0.5	5
75	FPGA Implementation of Low-Area Square Root Calculator. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	5
76	Improvement of Torque Capability of Direct Torque Control of Induction Machines. International Journal of Power Electronics and Drive Systems, 2017, 8, 1070.	0.5	5
77	Analysis and investigation of a novel microwave sensor with high Q-factor for liquid characterization. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 1065.	0.6	5
78	A review of direct torque control development in various multilevel inverter applications. International Journal of Power Electronics and Drive Systems, 2020, 11, 1675.	0.5	5
79	Technique smart control soil moisture system to watering plant based on IoT with arduino uno. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2038-2044.	0.6	5
80	High performance direct torque control of induction motor drives: Problems and improvements. , 2017, , .		4
81	A Survey on Topologies and Controls of Z-Source Matrix Converter. , 2018, , .		4
82	Maximum Power Point Tracking in PV Arrays with High Gain DC-DC Boost Converter. , 2019, , .		4
83	Detection of Aedes aegypti larvae using single shot multibox detector with transfer learning. Bulletin of Electrical Engineering and Informatics, 2019, 8, 514-518.	0.6	4
84	A Study of Shading Effect on Photovoltaic Modules with Proposed P&O Checking Algorithm. International Journal of Electrical and Computer Engineering, 2017, 7, 29.	0.5	4
85	Electromagnetic Performance due to Tooth-tip Design in Fractional-slot PM Brushless Machines. International Journal of Power Electronics and Drive Systems, 2015, 6, 860.	0.5	4
86	A Simple Checking Algorithm with Perturb and Observe Maximum Power Point Tracking for Partially Shaded Photovoltaic System. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 14.	0.6	4
87	A Parallel Energy-Sharing Control Strategy for Fuel Cell Hybrid Vehicle. Telkomnika (Telecommunication Computing Electronics and Control), 2011, 9, 357.	0.6	4
88	An Evaluation of Linear Time Frequency Distribution Analysis for VSI Switch Faults Identification. International Journal of Power Electronics and Drive Systems, 2017, 8, 1.	0.5	4
89	Control Strategy for Distributed Integration of Photovoltaic and Battery Energy Storage System in Micro-Grids. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2415.	0.6	4
90	Three-Phase AC-DC Converter with Asymmetrical Vienna Rectifier. , 2019, , .		3

#	Article	IF	Citations
91	Review on load frequency control for power system stability. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	3
92	Dual output DC-DC quasi impedance source converter. International Journal of Electrical and Computer Engineering, 2020, 10, 3988.	0.5	3
93	Passive Damper Network in a Simple DC Distribution Power System. International Journal of Electrical and Computer Engineering, 2018, 8, 544.	0.5	3
94	Analysis and Investigation of a Novel Microwave Sensor with High Q-Factor for Oil Sensing. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 1407.	0.7	3
95	A Fast Localization of Multiple Harmonic Sources for Rectifier Loads by Utilizing Periodogram. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 71.	0.6	3
96	Dynamic Economic Dispatch Problems: PSO Approach. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	3
97	Switchable dual-band bandpass filter based on stepped impedance resonator with U-shaped defected microstrip structure for wireless applications. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	0.6	3
98	A new model for large dataset dimensionality reduction based on teaching learning-based optimization and logistic regression. Telkomnika (Telecommunication Computing Electronics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	3
99	KOMPAS DIGITAL DENGAN OUTPUT SUARA BERBASIS MIKROKONTROLER AT89S52. Telkomnika (Telecommunication Computing Electronics and Control), 2008, 6, 1.	0.6	3
100	APLIKASI WEBCAM UNTUK SISTEM PEMANTAUAN RUANG BERBASIS WEB. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overloc	0.6	3
101	Modeling of static var compensator-high voltage direct current to provide power and improve voltage profile. International Journal of Power Electronics and Drive Systems, 2021, 12, 1659.	0.5	3
102	FPGA Based Optimized Discontinuous SVPWM Algorithm for Three Phase VSI in AC Drives. International Journal of Power Electronics and Drive Systems, 2013, 3, .	0.5	3
103	The Application of FPGA in PWM Controlled Resonant Converter for an Ozone Generator. International Journal of Power Electronics and Drive Systems, 2013, 3, .	0.5	3
104	Simple Switching Strategy for High-Torque Control Performance utilizing Neutral Point Clamped Multilevel Inverter. International Journal of Power Electronics and Drive Systems, 2013, 3, .	0.5	3
105	An Improved of Multiple Harmonic Sources Identification in Distribution System with Inverter Loads by Using Spectrogram. International Journal of Power Electronics and Drive Systems, 2016, 7, 1355.	0.5	3
106	Investigation Study of Three-Level Cascaded H-bridge Multilevel Inverter. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 125.	0.6	3
107	Periodic Perturbation Method for Controlling Chaos for a Positive Output DC-DC Luo Converter. International Journal of Power Electronics and Drive Systems, 2017, 8, 775.	0.5	3
108	Fuzzy Logic Implementation with MATLAB for PV-Wind Hybrid System. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	3

#	Article	IF	Citations
109	Determination of solid material permittivity using T-ring resonator for food industry. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 489.	0.6	3
110	A smart gas leakage monitoring system for use in hospitals. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 1048.	0.7	3
111	Internet of things-based telemonitoring rehabilitation system for knee injuries. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2658-2666.	0.6	3
112	Optimal extraction of photovoltaic energy using fuzzy logic control for maximum power point tracking technique. International Journal of Power Electronics and Drive Systems, 2020, 11, 1628.	0.5	3
113	An improved smooth-windowed Wigner-Ville distribution analysis for voltage variation signal. International Journal of Electrical and Computer Engineering, 2020, 10, 4982.	0.5	3
114	Review on Adjustable Speed Drive Techniques of Matrix Converter Fed Three-Phase Induction Machine. , 2018, , .		2
115	Modulation Strategies for Indirect Matrix Converter: Complexity, Quality and Performance. , 2018, , .		2
116	Modified (2/1-k) output gain Ä†uk DC-to-DC converter circuit for renewable power applications. , 2018, , .		2
117	Linear discriminate analysis and k-nearest neighbor based diagnostic analytic of harmonic source identification. Bulletin of Electrical Engineering and Informatics, 2021, 10, 171-178.	0.6	2
118	Random forest age estimation model based on length of left hand bone for Asian population. International Journal of Electrical and Computer Engineering, 2020, 10, 549.	0.5	2
119	A Review of Wind Speed Estimation for Wind Turbine Systems Based on Kalman Filter Technique. International Journal of Electrical and Computer Engineering, 2016, 6, 1406.	0.5	2
120	Improved Stator Flux Estimation for Direct Torque Control of Induction Motor Drives. International Journal of Power Electronics and Drive Systems, 2016, 7, 1049.	0.5	2
121	Single-Phase Multilevel Inverter with Simpler Basic Unit Cells for Photovoltaic Power Generation. International Journal of Power Electronics and Drive Systems, 2016, 7, 1233.	0.5	2
122	Control of Chaos in a Current Mode Controlled Buck Boost Converter Using Weak Periodic Perturbation Method. International Journal of Power Electronics and Drive Systems, 2017, 8, 1467.	0.5	2
123	Temperature Control of the 25kW Parabolic Dish-Stirling Engine System. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 800.	0.6	2
124	A Review on Methods of Identifying and Counting Aedes Aegypti Larvae using Image Segmentation Technique. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 1199.	0.6	2
125	Enhanced symmetrical split ring resonator for metallic surface crack detection. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 2107.	0.6	2
126	A Novel Dynamic Overmodulation Strategy of Direct Torque Control. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	2

#	Article	IF	Citations
127	OPTIMALISASI DESAIN KENDALI KECEPATAN PUTAR MOTOR INDUKSI TIGA FASA BERBASIS FPGA. Telkomnika (Telecommunication Computing Electronics and Control), 2008, 6, 83.	0.6	2
128	HARDWARE-RESOURCE SAVING FOR REALIZATION OF SPACE VECTOR PWM BASED ON FPGA USING BUS-CLAMPING TECHNIQUE. Telkomnika (Telecommunication Computing Electronics and Control), 2009, 7, 161.	0.6	2
129	Affiliation Oriented Journals: Donâ€™t Worry About Peer Review If You Have Good Affiliation. International Journal of Electrical and Computer Engineering, 2015, 5, 621.	0.5	2
130	Implementation of Space Vector Modulator for Cascaded H-Bridge Multilevel Inverters. International Journal of Power Electronics and Drive Systems, 2015, 6, 906.	0.5	2
131	High Performance Speed Control of Single-Phase Induction Motors Using Switching Forward and Backward EKF Strategy. International Journal of Power Electronics and Drive Systems, 2016, 7, 17.	0.5	2
132	Constant Frequency Torque Controller for DTC with Multilevel Inverter of Induction Machines. International Journal of Power Electronics and Drive Systems, 2016, 7, 28.	0.5	2
133	Enhanced Torque Control and Reduced Switching Frequency in Direct Torque Control Utilizing Optimal Switching Strategy for Dual-Inverter Supplied Drive. International Journal of Power Electronics and Drive Systems, 2016, 7, 328.	0.5	2
134	Particle Swarm Optimization Performance: Comparison of Dynamic Economic Dispatch with Dantzig-Wolfe Decomposition. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 1042.	0.6	2
135	The Coordinated Control of FACTS and HVDC Using H-infinity Robust Method to Stabilize the Inter-regional Oscillations in Power Systems. International Journal of Power Electronics and Drive Systems, 2017, 8, 1274.	0.5	2
136	An Analysis of Harmonic and Interharmonic Contribution of Electric Arc Furnace by Using Periodogram. International Journal of Electrical and Computer Engineering, 2017, 7, 3753.	0.5	2
137	An Identification of Multiple Harmonic Sources in a Distribution System by Using Spectrogram. Bulletin of Electrical Engineering and Informatics, 2018, 7, 244-256.	0.6	2
138	The Recovery of Energy from a Hybrid System to Improve the Performance of a Photovoltaic Cell. International Journal of Power Electronics and Drive Systems, 2018, 9, 957.	0.5	2
139	Dynamic model of A DC-DC quasi-Z-source converter (q-ZSC). International Journal of Electrical and Computer Engineering, 2019, 9, 1585.	0.5	2
140	Accurate characterizations of material using microwave T-resonator for solid sensing applications. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 99.	0.6	2
141	Optimal power scheduling of renewable energy sources in micro-grid via distributed energy storage system. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 2158.	0.6	2
142	Social media for collaborative learning. International Journal of Electrical and Computer Engineering, 2020, 10, 1070.	0.5	2
143	Development of vocabulary learning application by using machine learning technique. Bulletin of Electrical Engineering and Informatics, 2020, 9, 362-369.	0.6	2
144	A malicious URLs detection system using optimization and machine learning classifiers. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1210.	0.7	2

#	Article	IF	Citations
145	Non-parametric induction motor rotor flux estimator based on feed-forward neural network. International Journal of Power Electronics and Drive Systems, 2022, 13, 1229.	0.5	2
146	Effect of the defected microstrip structure shapes on the performance of dual-band bandpass filter for wireless communications. Bulletin of Electrical Engineering and Informatics, 2021, 10, 232-240.	0.6	1
147	Fire Extinguisher Wheel Robot Based on Arduino Mega 2560 R3 with Android Smartphone Control. Buletin Ilmiah Sarjana Teknik Elektro, 2021, 3, 31.	0.3	1
148	Performance evaluation of two models in the reactive routing protocol in manets. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 391.	0.7	1
149	Harmonic Contribution Analysis of Electric Arc Furnace by Using Spectrogram. Bulletin of Electrical Engineering and Informatics, 2018, 7, 236-243.	0.6	1
150	Fusion Iris and Periocular Recognitions in Non-Cooperative Environment. Indonesian Journal of Electrical Engineering and Informatics, 2019, 7, .	0.3	1
151	Overview on Strategies and Approaches for FPGA Programming. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	1
152	Reduction of total harmonic distortion of three-phase inverter using alternate switching strategy. International Journal of Power Electronics and Drive Systems, 2021, 12, 1598.	0.5	1
153	PENGENALAN POLA ALPHABET TULISAN TANGAN SECARA ON-LINE DENGAN JST-BP. Telkomnika (Telecommunication Computing Electronics and Control), 2005, 3, 65.	0.6	1
154	PERANCANGAN ALAT PENDETEKSI KEBAKARAN BERDASARKAN SUHU DAN ASAP BERBASIS MIKROKONTROLER AT89S52. Telkomnika (Telecommunication Computing Electronics and Control), 2006, 4, 49.	0.6	1
155	KENDALI KECEPATAN MOTOR INDUKSI SATU FASA DENGAN INVERTER PWM PULSA TUNGGAL BERBASIS MIKROKONTROLER AT89S51. Telkomnika (Telecommunication Computing Electronics and Control), 2006, 4, 99.	0.6	1
156	SISTEM SELEKSI KEMATANGAN BUAH TOMAT WAKTU-NYATA BERBASIS NILAI RGB. Telkomnika (Telecommunication Computing Electronics and Control), 2006, 4, 211.	0.6	1
157	PENGENDALI KECEPATAN MOTOR INDUKSI 3 FASA DENGAN INVERTER MODULASI LEBAR PULSA SERAGAM BERBASIS FPGA ACEX1K. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 17.	0.6	1
158	A New Fixed Switching Frequency Direct Torque Controlled PMSM Drives with Low Ripple in Flux and Torque. ITB Journal of Engineering Science, 2011, 43, 173-190.	0.1	1
159	DESAIN DAN PENGGUNAAN â€œe2gLite Expert System Shellâ€•UNTUK DIAGNOSIS PENYAKIT THT. Telkomnika (Telecommunication Computing Electronics and Control), 2005, 3, 13.	0.6	1
160	The Architecture of Indonesian Publication Index: A Major Indonesian Academic Database. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 1.	0.6	1
161	Overview on Strategies and Approaches for FPGA Programming. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	1
162	Fuzzy-PI Torque and Flux Controllers for DTC with Multilevel Inverter of Induction Machines. International Journal of Power Electronics and Drive Systems, 2014, 5, .	0.5	1

#	ARTICLE	IF	CITATIONS
163	Social Network Applications and Free Online Mobile Numbers: Real Risk. International Journal of Electrical and Computer Engineering, 2015, 5, 175.	0.5	1
164	Stator Field-Orientation Speed Control for 3-Phase Induction Motor under Open-Phase Fault. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 432.	0.6	1
165	A Novel Technique for Fault-Tolerant Control of Single-Phase Induction Motor. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 783.	0.6	1
166	Design of Hollow-Rotor Brushless DC Motor. International Journal of Power Electronics and Drive Systems, 2016, 7, 387.	0.5	1
167	Speed and Position Estimator of Dual-PMSM for Independent Control Drives using Five-Leg Inverter. International Journal of Power Electronics and Drive Systems, 2017, 8, 612.	0.5	1
168	A Review on Constant Switching Frequency Techniques for Direct Torque Control of Induction Motor. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 7, 364.	0.7	1
169	Switched Reluctance Motor Initial Design for Electric Vehicle using RMxprt. International Journal of Power Electronics and Drive Systems, 2017, 8, 1080.	0.5	1
170	UWB Filtenna with Electronically Reconfigurable Band Notch using Defected Microstrip Structure. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 302.	0.7	1
171	Harmonic Load Diagnostic Techniques and Methodologies: A Review. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 9, 690.	0.7	1
172	Design and Analysis of In-Wheel Double Stator Slotted Rotor BLDC Motor for Electric Bicycle Application. International Journal of Power Electronics and Drive Systems, 2018, 9, 457.	0.5	1
173	An Analysis of Virtual Flux Direct Power Control of Three-Phase AC-DC Converter. International Journal of Power Electronics and Drive Systems, 2018, 9, 947.	0.5	1
174	A Review on Solar Secondary Concentrator. Telkomnika (Telecommunication Computing Electronics) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	1
175	AC-Based Differential Evolution Algorithm for Dynamic Transmission Expansion Planning. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2316.	0.6	1
176	A Diagnostic Analytics of Harmonic Source Signature Recognition by Using Periodogram. International Journal of Electrical and Computer Engineering, 2018, 8, 5399.	0.5	1
177	DC bus stabilization using passive damping network in distributed power system with constant power load. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 425.	0.6	1
178	Selecting Root Exploit Features Using Flying Animal-Inspired Decision. Indonesian Journal of Electrical Engineering and Informatics, 2020, 7, .	0.3	1
179	Integration of STATCOM and ESS for power system stability improvement. International Journal of Power Electronics and Drive Systems, 2020, 11, 859.	0.5	1
180	Enhancement of cascaded multi-level VSC STATCOM performance using ANN in the presence of faults. International Journal of Power Electronics and Drive Systems, 2020, 11, 895.	0.5	1

#	ARTICLE	IF	CITATIONS
181	Fundamental elements of constant volt/hertz induction motor drives based on dSPACE DS1104 controller. International Journal of Power Electronics and Drive Systems, 2020, 11, 1670.	0.5	1
182	Application of static synchronous compensator and energy storage system for power system stability enhancement. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2222-2234.	0.6	1
183	Improvement of the performance of STATCOM in terms of voltage profile using ANN controller. International Journal of Power Electronics and Drive Systems, 2020, 11, 1966.	0.5	1
184	Development of fast and accurate algorithm to extract the five parameters of photovoltaic modules. Bulletin of Electrical Engineering and Informatics, 2020, 9, 379-386.	0.6	1
185	Integrated hybrid optical networking for 5G access networks. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1647.	0.7	1
186	Asymmetric quasi impedance source buck-boost converter. International Journal of Electrical and Computer Engineering, 2020, 10, 2128.	0.5	1
187	Identification of harmonic source location in power distribution network. International Journal of Power Electronics and Drive Systems, 2022, 13, 938.	0.5	1
188	Multi-input interleaved DC-DC converter for hybrid renewable energy applications. Bulletin of Electrical Engineering and Informatics, 2022, 11, 1765-1778.	0.6	1
189	An assessment of the share contributions of distortion sources for various load parameters. International Journal of Power Electronics and Drive Systems, 2022, 13, 950.	0.5	1
190	A laboratory scale IoT-based measuring of the solar photovoltaic parameters. International Journal of Reconfigurable and Embedded Systems (IJRES), 2022, 11, 135.	0.3	1
191	IAES International Conference on Electrical Engineering, Computer Science and Informatics. IOP Conference Series: Materials Science and Engineering, 2017, 190, 011001.	0.3	0
192	Efficient PID Controller based Hexapod Wall Following Robot. , 2019, , .		0
193	A New 3-Phase 3-Wire 3-Level AC-DC Converter for Wind Energy Conversion Systems. , 2020, , .		0
194	Live to learn: learning rules-based artificial neural network. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 558.	0.7	0
195	A comparative analysis of metaheuristic algorithms in fuzzy modelling for phishing attack detection. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 23, 1146.	0.7	0
196	PERANCANGAN SISTEM UPS SPS DENGAN METODE INVERTER SPWM BERBASIS L8038CCPD. Telkomnika (Telecommunication Computing Electronics and Control), 2005, 3, 79.	0.6	0
197	PENGATURAN SAKELAR PADA ACARA CEPAT TEPAT BERBASIS MIKROKONTROLER AT89C2051. Telkomnika (Telecommunication Computing Electronics and Control), 2006, 4, 185.	0.6	0
198	PENGENDALI MOTOR INDUKSI SATU FASA DENGAN INVERTER UPWM BERBASIS FPGA. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 93.	0.6	0

#	Article	IF	Citations
199	PURWARUPA ALAT PEMILAH BARANG BERDASARKAN UKURAN DIMENSI BERBASIS PLC OMRON SYSMAC CPM1. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 85.	0.6	0
200	PERANCANGAN ALAT UKUR GOLONGAN DARAH BERBASIS MIKROKONTROLER AT89S52. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 107.	0.6	0
201	IMPLEMENTASI KUNCI PINTU ELEKTRONIS BERBASIS PLC OMRON CPM1 20CDR. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 185.	0.6	0
202	APLIKASI MIKROKONTROLER AT89S51 PADA SISTEM ANTRIAN DENGAN PENAMPIL DAN SUARA. Telkomnika (Telecommunication Computing Electronics and Control), 2007, 5, 153.	0.6	0
203	SISTEM KENDALI PENJEJAK SINAR MATAHARI DUA LINTASAN KEBEBASAN BERBASIS MIKROKONTROLER AT89C51. Telkomnika (Telecommunication Computing Electronics and Control), 2008, 6, 191.	0.6	0
204	FPGA Based a PWM Technique for Permanent Magnet AC Motor Drives. International Journal of Reconfigurable and Embedded Systems (IJRES), 2012, 1, .	0.3	0
205	Strategies for FPGA Implementation of Non-Restoring Square Root Algorithm. International Journal of Electrical and Computer Engineering, 2014, 4, .	0.5	0
206	Enhanced Performance of DTC-DSC of Induction Machine utilizing 3-Level Cascade H-Bridge Multilevel Inverter. Proceeding of the Electrical Engineering Computer Science and Informatics, 2014, 1, .	0.0	0
207	Direct Torque Control of BLDC Motor with Constant Switching Frequency. Proceeding of the Electrical Engineering Computer Science and Informatics, 2014, 1, .	0.0	0
208	Proposed Voltage Vector to Optimize Efficiency of Direct Torque Control. International Journal of Power Electronics and Drive Systems, 2014, 4, .	0.5	0
209	A Novel Method for Vector Control of Faulty Three-Phase IM Drives Based on FOC Method. International Journal of Electrical and Computer Engineering, 2015, 5, 1284.	0.5	0
210	Novel Method of FOC to Speed Control in Three-Phase IM under Normal and Faulty Conditions. International Journal of Power Electronics and Drive Systems, 2015, 6, 831.	0.5	0
211	High-Speed Computation using FPGA for Excellent Performance of Direct Torque Control of Induction Machines. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 1.	0.6	0
212	A Novel Optimal PI Parameter Tuning Strategy to Improve Constant Switching Performance of Direct Torque Control. International Journal of Power Electronics and Drive Systems, 2016, 7, 422.	0.5	0
213	Improved Output Voltage Quality using Space Vector Modulation for Multilevel Inverters. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 387.	0.6	0
214	Sensitivity Analysis and Comparison between 25 kW Parabolic Dish System. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 807.	0.6	0
215	Improvise 3-Level DTC of Induction Machine using Constant Switching Frequency Method by Utilizing Multiband Carrier. International Journal of Power Electronics and Drive Systems, 2016, 7, 638.	0.5	0
216	Modelling of a 3-Phase Induction Motor Under Open-Phase Fault Using Matlab/Simulink. International Journal of Power Electronics and Drive Systems, 2016, 7, 1146.	0.5	0

#	ARTICLE	IF	CITATIONS
217	Skema Pengendali Motor BLDC Tanpa Sensor Posisi Rotor dengan Metode Deteksi Back EMF Berbasis Mikrokontroler Arduino. Jurnal Ilmiah Teknik Elektro Komputer Dan Informatika, 2016, 2, 69.	0.5	0
218	Speed Control of 3-phase Induction Motors under Fault Conditions Supplied by Wind Turbine Using Indirect Vector Control. International Journal of Power Electronics and Drive Systems, 2017, 8, 222.	0.5	0
219	Non-iterative Wide-modulation-index Switching-angle Calculation Techniques for 15-level Binary Cascaded H-bridge Multilevel Inverter. International Journal of Power Electronics and Drive Systems, 2017, 8, 93.	0.5	0
220	Modified Look-Up Table for Enhancement of Torque Response in Direct Torque Controlled Induction Machine. International Journal of Power Electronics and Drive Systems, 2017, 8, 522.	0.5	0
221	Editorial: Scientific Writing Workshop on TELKOMNIKA Editors and Authors Meeting (TEAM). Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 463.	0.6	0
222	A Review of Hybrid Battery Management System (H-BMS) for EV. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	0
223	A Comparative Modeling and Analysis of Voltage Variation by Using Spectrogram. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2385.	0.6	0
224	Tunable function of feeding network and SPDT switch for WIMAX application. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 1574.	0.7	0
225	Enhancing the performance of cascaded three-level VSC STATCOM by ANN controller with SVPWM integegration. International Journal of Electrical and Computer Engineering, 2019, 9, 3880.	0.5	0
226	Wideband power amplifier based on Wilkinson power divider for s-band satellite communications. Bulletin of Electrical Engineering and Informatics, 2019, 8, 1531-1536.	0.6	0
227	A simulation based performance evaluation of optical ethernet switch. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1639.	0.7	0
228	Design of shunt hybrid active power filter for compensating harmonic currents and reactive power. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 2148.	0.6	0
229	A hybrid control system for investigating a high level of decision in IoT. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 1419.	0.7	0
230	Improved Sampling in Carrier-Based Discountinuous SVPWM Simulation. Buletin Ilmiah Sarjana Teknik Elektro, 2020, 2, 137.	0.3	0
231	Modelling of solar micro gas turbine for parabolic dish based controller application. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 3184.	0.6	0
232	NaÃ¯ve Bayes and linear discriminate analysis based diagnostic analytic of harmonic source identification. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 1626.	0.7	0
233	Rainfall-runoff modelling using adaptive neuro-fuzzy inference system. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1117.	0.7	0
234	Accurate harmonic source identification using S-transform. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	0.6	0

#	Article	IF	Citations
235	An efficient hybrid model for secure transmission of data by using efficient data collection and dissemination (EDCD) algorithm based WSN. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 545.	0.7	0
236	Comparison of meta-heuristic algorithms for fuzzy modelling of COVID-19 illness' severity classification. IAES International Journal of Artificial Intelligence, 2022, 11, 50.	0.6	0