

Muzamir Isa

List of Publications by Year in descending order

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papers

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1040056

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15
g-index

62
all docs

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62
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Green internet of things (IoT): An overview. , 2017, , .		58
2	Development of a Single Phase SPWM Microcontroller-Based Inverter. , 2006, , .		57
3	Online condition monitoring of MV cable feeders using Rogowski coil sensors for PD measurements. Electric Power Systems Research, 2019, 167, 150-162.	3.6	41
4	Multi-end PD location algorithm using segmented correlation and trimmed mean data filtering techniques for MV Underground Cable. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 92-98.	2.9	33
5	Multi-end correlation-based PD location technique for medium voltage covered-conductor lines. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 936-946.	2.9	22
6	Geometrical Shapes Impact on the Performance of ABS-Based Coreless Inductive Sensors for PD Measurement in HV Power Cables. IEEE Sensors Journal, 2016, 16, 6625-6632.	4.7	21
7	Exploring Piezoelectric for Sound Wave as Energy Harvester. Energy Procedia, 2017, 105, 459-466.	1.8	18
8	Techniques on partial discharge detection and location determination in power transformer. , 2016, , .		17
9	The Rogowski Coil Sensor in High Current Application: A Review. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012054.	0.6	16
10	Simplification of Sun Tracking Mode to Gain High Concentration Solar Energy. American Journal of Applied Sciences, 2007, 4, 171-175.	0.2	15
11	Online partial discharge diagnostics in medium voltage branched cable networks. , 2013, , .		13
12	Denoising technique for partial discharge signal : A comparison performance between artificial neural network, fast fourier transform and discrete wavelet transform. , 2016, , .		12
13	Evaluation of denoising performance indices for noisy partial discharge signal based on DWT technique. , 2017, , .		12
14	Effect of unshielded and shielded Rogowski coil sensor performance for partial discharge measurement. , 2015, , .		11
15	Charaterization of Differents Dimension Piezoelectric Transducer for Sound Wave Energy Harvesting. Energy Procedia, 2017, 105, 836-843.	1.8	11
16	Sigma-Delta ADC Topology Implementation Based on Partial Discharge Detection using Rogowski Coil Sensor. Journal of Physics: Conference Series, 2018, 1019, 012031.	0.4	10
17	Multi-end partial discharge location algorithm based on trimmed mean data filtering technique for MV underground cable. , 2015, , .		8
18	Viscosity Reduction of Palm Oil via Ultrasonic Radiation. Applied Mechanics and Materials, 2015, 785, 315-319.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Real On-Site Partial Discharge Measurement Technique in Medium Voltage Power Cable. , 2018, , .		8
20	Characteristic Curve of a Fuel Cell. American Journal of Applied Sciences, 2006, 3, 2134-2135.	0.2	8
21	Modelling of partial discharge signal and noise interference using LabVIEW. , 2017, , .		7
22	An Optimization of Electrical Output Power for Piezoelectric Energy Harvester using Different Micro-Cantilever Beam Geometries. Journal of Physics: Conference Series, 2018, 1019, 012033.	0.4	7
23	Three-Point Technique for Partial Discharge Location on XLPE Armoured Underground Cable. Applied Mechanics and Materials, 2015, 793, 119-123.	0.2	5
24	Comparison between Parameter of Single Core Unarmoured Aluminium Conductor 6.35/11 kV Underground Cable for Partial Discharge Measurement Using EMTP-ATP Software. Applied Mechanics and Materials, 0, 793, 134-138.	0.2	4
25	Evaluation of Rogowski coil sensor performance using EMTP-ATP software. , 2016, , .		4
26	Design of UHF Antenna Sensor for Partial Discharge Detection in High Voltage S ubstation. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012052.	0.6	4
27	Design of Triangle Loop Antenna for Partial Discharge Impulse Signal Detection. , 2018, , .		4
28	Analysis of batteries or supercapacitor as energy storage device for a sound energy harvester system. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1699-1708.	1.4	4
29	Effect of installation of distributed generation at different points in the distribution system on voltage drops and power losses. AIP Conference Proceedings, 2021, , .	0.4	4
30	Application of PSO to determine the HEPWM switching angles of a three phase cascaded multilevel inverter. , 2015, , .		3
31	Review of UHF detection of partial discharge experimentation in oil-filled power transformer: Objectives, methodologies and results. AIP Conference Proceedings, 2018, , .	0.4	3
32	The Design of Operational Amplifier for Low Voltage and Low Current Sound Energy Harvesting System. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012035.	0.6	3
33	Tracking Error Analysis of a Rotation-Elevation Mode Heliostat. American Journal of Applied Sciences, 2007, 4, 176-180.	0.2	3
34	Neutral Conductor Size Selection for Electrical Supply with Harmonic. Applied Mechanics and Materials, 0, 793, 54-59.	0.2	2
35	Study on Palm Oil and Treated Waste Vegetable Oil Impregnated Paper. Key Engineering Materials, 0, 744, 511-515.	0.4	2
36	Partial discharge location algorithm based on cross-correlation technique for unsynchronized measurement. , 2017, , .		2

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37	Characteristics of RTV Coating on Ceramic Insulator. , 2019, , .		2
38	Evaluation of Denoising Performance for Noisy Arc Fault Signal Based on Mother Wavelet Selection. , 2019, , .		2
39	Classification of Partial Discharge Detection Technique in High Voltage Power Component: A Review. International Journal of Integrated Engineering, 2019, 11, .	0.4	2
40	Design, Implementation and Simulation of Non-Intrusive Sensor for On-Line Condition Monitoring of MV Electrical Components. Engineering, 2014, 06, 680-691.	0.8	2
41	Effects of Different Voltage Sag Types on Induction Motor. Applied Mechanics and Materials, 2015, 793, 262-266.	0.2	1
42	Analysis on Heat Transfer Distribution of Grounding System Using Finite Element Method. , 2018, , .		1
43	Performance of Galvanized Steel and Copper Grounding Electrodes Using Paddy Husk Ash as An Additive Material to Grounding System. , 2018, , .		1
44	Development of step-up transformer for low current and low power sound energy harvesting system. AIP Conference Proceedings, 2018, , .	0.4	1
45	SIMULATION ON THE CONDITIONS AFFECTING PARTIAL DISCHARGE INITIATION IN MICROBUBBLE IMMersed IN DIELECTRIC LIQUID. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	1
46	MODELLING OF PARTIAL DISCHARGE ANALYSIS SYSTEM USING WAVELET TRANSFORM DENOISING TECHNIQUE IN LABVIEW ENVIRONMENT. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	1
47	Simulation of 33kV String Insulators Using Finite Element Method (FEM). , 2019, , .		1
48	Analysis of acoustic sensor placement for PD location in power transformer. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 1303-1313.	1.4	1
49	Diagnosis of MV Oil Filled Cable Terminations with X-Ray Imaging and Infrared (IR) Thermography. American Journal of Applied Sciences, 2007, 4, 168-170.	0.2	1
50	Characteristic and the Efficiency of Fuel Cell. American Journal of Applied Sciences, 2006, 3, 2167-2169.	0.2	1
51	An Overhead Transmission Line Temperature-rising Method and Experiment Based on Parallel Capacitor Compensating Reactive Power Source. , 2010, , .		0
52	Digital All-Pass Filter Modeling Based on Desired Group Delay Using Advanced Material: A Review on the Signal Processing Part. Applied Mechanics and Materials, 2015, 815, 338-342.	0.2	0
53	A 160 MHz gm-C low-pass filter design based on a lossy integrator synthesis. , 2015, , .		0
54	Effects of varying air gap length over magnetic flux density in micro-transformer. AIP Conference Proceedings, 2015, , .	0.4	0

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55	Analysis of parasitic components with various sizes of coils in high frequency micro-fabricated transformer. , 2015, , .		0
56	Frequency Response as Tuning of Power System Stabilizer on Rotor Speed Dynamic Stability. Applied Mechanics and Materials, 0, 793, 110-113.	0.2	0
57	Regularized sphere decoding techniques for data transmission systems. , 2016, , .		0
58	Electric Field and Voltage Distribution (EFVD) Analysis for 132kV Bushing Transformer Using Finite Element Analysis. IOP Conference Series: Materials Science and Engineering, 2019, 551, 012019.	0.6	0
59	THE MAGNETIC FLUX DENSITY OF VARIOUS GEOMETRIES OF ROGOWSKI COIL FOR OVERVOLTAGE MEASUREMENTS. Jurnal Teknologi (Sciences and Engineering), 2019, 82, .	0.4	0
60	Evaluation of earth fault location algorithm in medium voltage distribution network with correction technique. International Journal of Electrical and Computer Engineering, 2019, 9, 1987.	0.7	0
61	Effect of Distributed Generation to the Faults in Medium Voltage Network Using ATP-EMTP Simulation. Lecture Notes in Electrical Engineering, 2021, , 1067-1082.	0.4	0