

Pirat Khunkitti

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

275
citations

1039880

9
h-index

996849

15
g-index

36
all docs

36
docs citations

36
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	A Transmission Scheme Based on Uniform Shortening LDPC Codes for Performance Improvement in Faster-Than-Nyquist Systems. IEEE Access, 2022, 10, 31255-31262.	2.6	2
2	Optimal Sizing of CPP-GMR Read Sensors for Magnetic Recording Densities of 1â€“4 Tb/inÂ². IEEE Access, 2021, 9, 130758-130766.	2.6	1
3	High-Accuracy Power Quality Disturbance Classification Using the Adaptive ABC-PSO as Optimal Feature Selection Algorithm. Energies, 2021, 14, 1238.	1.6	17
4	Electromagnetic Force Improvement of the Double-PM Modular Linear Doubly Salient Machine by PM sizing. , 2021, , .		0
5	Adaptive Salp Swarm Algorithm as Optimal Feature Selection for Power Quality Disturbance Classification. Applied Sciences (Switzerland), 2021, 11, 5670.	1.3	11
6	Electromagnetic Torque Improvement of Doubly Salient Permanent Magnet Machine Using Pole Ratio Adjustment Technique. Frontiers in Energy Research, 2021, 9, .	1.2	3
7	Characterization Model of Dielectric Properties of Cane Sugar Solution Over 0.5â€“14 GHz. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	2.4	9
8	Micromagnetic Simulation of L10-FePt-Based Exchange-Coupled-Composite-Bit-Patterned Media with Microwave-Assisted Magnetic Recording at Ultrahigh Areal Density. Micromachines, 2021, 12, 1264.	1.4	4
9	Free Layer Thickness Dependence of the Stability in Co(MnFe)Ge Heusler Based CPP-GMR Read Sensor for Areal Density of 1 Tb/in. Micromachines, 2021, 12, .	1.4	2
10	Free Layer Thickness Dependence of the Stability in Co ₂ (Mn _{0.6} Fe _{0.4})Ge Heusler Based CPP-GMR Read Sensor for Areal Density of 1 Tb/in ² . Micromachines, 2021, 12, 1010.	1.4	3
11	An Improvement of Output Power in Doubly Salient Permanent Magnet Generator Using Pole Configuration Adjustment. Energies, 2020, 13, 4588.	1.6	10
12	A comparison of the effectiveness of voltage stability indices in an optimal power flow. IEEE Transactions on Electrical and Electronic Engineering, 2019, 14, 534-544.	0.8	8
13	Optimal Stator Design of Doubly Salient Permanent Magnet Generator for Enhancing the Electromagnetic Performance. Energies, 2019, 12, 3201.	1.6	9
14	Magnetic Equivalent Circuit Modeling of Partitioned Stator Doubly Salient Permanent Magnet Machines. , 2019, , .		1
15	Increasing PV penetration level in low voltage distribution system using optimal installation and operation of battery energy storage. Cogent Engineering, 2019, 6, .	1.1	12
16	A novel method for solving multi-stage distribution substation expansion planning. Energy Procedia, 2019, 156, 371-383.	1.8	7
17	Optimal planning of energy storage system using modified differential evolution algorithm. Energy Procedia, 2019, 156, 192-200.	1.8	3
18	Structural Design of Partitioned Stator Doubly Salient Permanent Magnet Generator for Power Output Improvement. Advances in Materials Science and Engineering, 2019, 2019, 1-8.	1.0	11

#	ARTICLE	IF	CITATIONS
19	Power Loss Minimization and Voltage Stability Improvement in Electrical Distribution System via Network Reconfiguration and Distributed Generation Placement Using Novel Adaptive Shuffled Frogs Leaping Algorithm. <i>Energies</i> , 2019, 12, 553.	1.6	85
20	Unstable Playback Response of CPP-GMR Read Head Induced by Electromagnetic Interference: Structural Dependence. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-6.	1.2	4
21	Increasing Benefits in High PV Penetration Distribution System by Using Battery Energy Storage and Capacitor Placement Based on Salp Swarm Algorithm. <i>Energies</i> , 2019, 12, 4817.	1.6	19
22	Electrical distribution system reconfiguration for power loss reduction by the Salp Swarm algorithm. <i>International Journal of Smart Grid and Clean Energy</i> , 2019, , 156-163.	0.4	12
23	Power Loss Reduction in Small-Scale Electrical Distribution System Using Adaptive Shuffled Frog Leaping Algorithm. <i>International Journal on Energy Conversion</i> , 2019, 7, 12.	0.5	1
24	Effect of Concrete Duct Bank Dimension with Thermal Properties of Concrete on Sensitivity of Underground Power Cable Ampacity. , 2018, , .		4
25	Optimal Grid-Connected with Multi-Solar PV Placement and Sizing for Power Loss Reduction and Voltage Profile Improvement. , 2018, , .		4
26	Playback signal distortion in CPP-GMR read heads due to induced electromagnetic interference. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 465, 14-18.	1.0	3
27	An Improvement of Magnetic Flux Linkage in Electrical Generator using the novel Permanent Magnet Arrangement. <i>Acta Physica Polonica A</i> , 2018, 133, 642-644.	0.2	8
28	Power loss reduction and reliability improvement of a large-scale electrical distribution system using network reconfiguration. <i>International Journal of Smart Grid and Clean Energy</i> , 2018, , 70-79.	0.4	0
29	Investigation of electromagnetic interference effects by ESD simulator on test parameters of tunneling magnetic recording heads. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 421, 453-456.	1.0	1
30	Simulation of magnetic footprints for heat assisted magnetic recording. <i>EPJ Applied Physics</i> , 2017, 78, 20301.	0.3	2
31	Angular Dependence of Spin Transfer Switching in Spin Valve Nanopillar Based Heusler Alloy. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.0	0
32	Electromagnetic Interference Effects on Stability of Tunneling Magnetoresistive Read Heads. <i>IEEE Magnetics Letters</i> , 2016, 7, 1-4.	0.6	1
33	Electromagnetic interference-induced instability in CPP-GMR read heads. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 412, 42-48.	1.0	8
34	Dependence of Current and Magnetic Field on Spin Transfer Induced Noise in CPP-GMR read Heads. <i>Procedia Computer Science</i> , 2016, 86, 27-30.	1.2	1
35	A novel technique to detect effects of electromagnetic interference by electrostatic discharge simulator to test parameters of tunneling magnetoresistive read heads. <i>Journal of Applied Physics</i> , 2015, 117, 17A908.	1.1	9