

# 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	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
2	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
3	High-Accuracy Power Quality Disturbance Classification Using the Adaptive ABC-PSO as Optimal Feature Selection Algorithm. <i>Energies</i> , 2021, 14, 1238.	1.6	17
4	Increasing PV penetration level in low voltage distribution system using optimal installation and operation of battery energy storage. <i>Cogent Engineering</i> , 2019, 6, .	1.1	12
5	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
6	Structural Design of Partitioned Stator Doubly Salient Permanent Magnet Generator for Power Output Improvement. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-8.	1.0	11
7	Adaptive Salp Swarm Algorithm as Optimal Feature Selection for Power Quality Disturbance Classification. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5670.	1.3	11
8	An Improvement of Output Power in Doubly Salient Permanent Magnet Generator Using Pole Configuration Adjustment. <i>Energies</i> , 2020, 13, 4588.	1.6	10
9	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
10	Optimal Stator Design of Doubly Salient Permanent Magnet Generator for Enhancing the Electromagnetic Performance. <i>Energies</i> , 2019, 12, 3201.	1.6	9
11	Characterization Model of Dielectric Properties of Cane Sugar Solution Over 0.5â€“14 GHz. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-8.	2.4	9
12	Electromagnetic interference-induced instability in CPP-GMR read heads. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 412, 42-48.	1.0	8
13	A comparison of the effectiveness of voltage stability indices in an optimal power flow. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2019, 14, 534-544.	0.8	8
14	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
15	A novel method for solving multi-stage distribution substation expansion planning. <i>Energy Procedia</i> , 2019, 156, 371-383.	1.8	7
16	Effect of Concrete Duct Bank Dimension with Thermal Properties of Concrete on Sensitivity of Underground Power Cable Ampacity. , 2018, , .		4
17	Optimal Grid-Connected with Multi-Solar PV Placement and Sizing for Power Loss Reduction and Voltage Profile Improvement. , 2018, , .		4
18	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

#	ARTICLE	IF	CITATIONS
19	Micromagnetic Simulation of L10-FePt-Based Exchange-Coupled-Composite-Bit-Patterned Media with Microwave-Assisted Magnetic Recording at Ultrahigh Areal Density. <i>Micromachines</i> , 2021, 12, 1264.	1.4	4
20	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
21	Optimal planning of energy storage system using modified differential evolution algorithm. <i>Energy Procedia</i> , 2019, 156, 192-200.	1.8	3
22	Electromagnetic Torque Improvement of Doubly Salient Permanent Magnet Machine Using Pole Ratio Adjustment Technique. <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	3
23	Free Layer Thickness Dependence of the Stability in Co <sub>2</sub> (Mn <sub>0.6</sub> Fe <sub>0.4</sub> )Ge Heusler Based CPP-GMR Read Sensor for Areal Density of 1 Tb/in <sup>2</sup> . <i>Micromachines</i> , 2021, 12, 1010.	1.4	3
24	Simulation of magnetic footprints for heat assisted magnetic recording. <i>EPJ Applied Physics</i> , 2017, 78, 20301.	0.3	2
25	Free Layer Thickness Dependence of the Stability in Co(MnFe)Ge Heusler Based CPP-GMR Read Sensor for Areal Density of 1 Tb/in. <i>Micromachines</i> , 2021, 12, .	1.4	2
26	A Transmission Scheme Based on Uniform Shortening LDPC Codes for Performance Improvement in Faster-Than-Nyquist Systems. <i>IEEE Access</i> , 2022, 10, 31255-31262.	2.6	2
27	Electromagnetic Interference Effects on Stability of Tunneling Magnetoresistive Read Heads. <i>IEEE Magnetics Letters</i> , 2016, 7, 1-4.	0.6	1
28	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
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	Magnetic Equivalent Circuit Modeling of Partitioned Stator Doubly Salient Permanent Magnet Machines. , 2019, , .		1
31	Optimal Sizing of CPP-GMR Read Sensors for Magnetic Recording Densities of 1â€“4 Tb/in <sup>2</sup> . <i>IEEE Access</i> , 2021, 9, 130758-130766.	2.6	1
32	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
33	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
34	Electromagnetic Force Improvement of the Double-PM Modular Linear Doubly Salient Machine by PM sizing. , 2021, , .		0
35	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