

Sanjib Ganguly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/592791/publications.pdf>

Version: 2024-02-01

51
papers

1,031
citations

567144

15
h-index

454834

30
g-index

51
all docs

51
docs citations

51
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Generation Allocation on Radial Distribution Networks Under Uncertainties of Load and Generation Using Genetic Algorithm. IEEE Transactions on Sustainable Energy, 2015, 6, 688-697.	5.9	192
2	Multi-Objective Planning for Reactive Power Compensation of Radial Distribution Networks With Unified Power Quality Conditioner Allocation Using Particle Swarm Optimization. IEEE Transactions on Power Systems, 2014, 29, 1801-1810.	4.6	107
3	Impact of Unified Power-Quality Conditioner Allocation on Line Loading, Losses, and Voltage Stability of Radial Distribution Systems. IEEE Transactions on Power Delivery, 2014, 29, 1859-1867.	2.9	62
4	Multi-objective planning for the allocation of PV-BESS integrated open UPQC for peak load shaving of radial distribution networks. Journal of Energy Storage, 2019, 22, 208-218.	3.9	45
5	Distributed generation allocation with on-load tap changer on radial distribution networks using adaptive genetic algorithm. Applied Soft Computing Journal, 2017, 59, 45-67.	4.1	41
6	An On-Line Operational Optimization Approach for Open Unified Power Quality Conditioner for Energy Loss Minimization of Distribution Networks. IEEE Transactions on Power Systems, 2019, 34, 4784-4795.	4.6	39
7	Simultaneous optimisation of photovoltaic hosting capacity and energy loss of radial distribution networks with open unified power quality conditioner allocation. IET Renewable Power Generation, 2018, 12, 1382-1389.	1.7	36
8	Unified power quality conditioner allocation for reactive power compensation of radial distribution networks. IET Generation, Transmission and Distribution, 2014, 8, 1418-1429.	1.4	33
9	Optimization of Energy Loss Cost of Distribution Networks with the Optimal Placement and Sizing of DSTATCOM Using Differential Evolution Algorithm. Arabian Journal for Science and Engineering, 2017, 42, 2851-2865.	1.7	30
10	Synthesis and Structure of Dimeric Silver Azooximates. Hydrogen Bonding and Nonbonded Ag-Â·Â·Ag Interaction. Inorganic Chemistry, 2000, 39, 2954-2956.	1.9	29
11	Regiospecific Oximate Coordination at the Oxygen Site:Â Ligand Design and Low-Spin MnII and FeII/III Species. Inorganic Chemistry, 1999, 38, 5984-5987.	1.9	28
12	A modified forward backward sweep load flow algorithm for unbalanced radial distribution systems. , 2015, , .		21
13	Molecular and electronic structure of nonradical homoleptic pyridyl-azo-oxime complexes of cobalt(III) and the azo-oxime anion radical congener: an experimental and theoretical investigation. Dalton Transactions, 2014, 43, 5317-5334.	1.6	20
14	Allocation of DSTATCOM and DG in distribution systems to reduce power loss using ESM algorithm. , 2016, , .		20
15	First Examples of Carboxyl-Bonded Low-Spin Manganese(III) Complexes. Inorganic Chemistry, 1997, 36, 116-118.	1.9	19
16	Optimal Phase Angle Injection for Reactive Power Compensation of Distribution Systems with the Allocation of Multiple Distribution STATCOM. Arabian Journal for Science and Engineering, 2017, 42, 2663-2671.	1.7	19
17	Iridium(III) Mediated Reductive Transformation of Closed-Shell Azo-Oxime to Open-Shell Azo-Imine Radical Anion: Molecular and Electronic Structure, Electron Transfer, and Optoelectronic Properties. Inorganic Chemistry, 2016, 55, 1461-1468.	1.9	16
18	Distribution STATCOM with optimal phase angle injection model for reactive power compensation of radial distribution networks. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2017, 30, e2240.	1.2	16

#	ARTICLE	IF	CITATIONS
37	A comparative study among UPQC models with and without real power injection to improve energy efficiency of radial distribution networks. <i>Energy Systems</i> , 2020, 11, 113-138.	1.8	8
38	Impact of Optimal Control of Distributed Generation Converters in Smart Transformer Based Meshed Hybrid Distribution Network. <i>IEEE Access</i> , 2021, 9, 140268-140280.	2.6	8
39	Polyaromatic hydrocarbon derivatized azo-oximes of cobalt(III) for the ligand-redox controlled electrocatalytic oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2020, 44, 3737-3747.	1.4	7
40	Oximate bridged Rh(III) 2MII and Rh(III)MI species (MII = Mn, Co, Ni; MI = Cu, Ag). <i>Journal of Chemical Sciences</i> , 2008, 120, 87-93.	0.7	6
41	Ruthenocycles of benzothiazolyl and pyridyl hydrazones with ancillary PAHs: synthesis, structure, electrochemistry and antimicrobial activity. <i>New Journal of Chemistry</i> , 2020, 44, 11022-11034.	1.4	6
42	Synthesis, X-ray crystal structure, DFT calculations, spectroscopic characterization and redox behaviour of a rhodium(III) complex of an anthracene-pyridylhydrazone ligand. <i>Transition Metal Chemistry</i> , 2019, 44, 341-347.	0.7	4
43	Azo-oximate metal-carbonyl to metalcarboxylic acid <i>via</i> the intermediate Ir(III) radical congener: quest for co-ligand driven stability of open- and closed-shell complexes. <i>Dalton Transactions</i> , 2022, 51, 10121-10135.	1.6	3
44	Energy management at municipal parking deck for charging of Plug-in hybrid electric vehicles. , 2014, , .		2
45	Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C-H activation. <i>New Journal of Chemistry</i> , 2020, 44, 1407-1417.	1.4	2
46	Rhodium assisted peri-C-H activation in benzothiazolyl-hydrazone derivatized pyrene. <i>Polyhedron</i> , 2020, 179, 114352.	1.0	2
47	An insight into the coordination specificity of polyaromatic hydrocarbons (PAHs) grafted hydrazones towards rhodium(III). <i>Polyhedron</i> , 2021, 205, 115318.	1.0	2
48	Coordinated Operational Optimization Approach for PV Inverters and BESSs to Minimize the Energy Loss of Distribution Networks. <i>IEEE Systems Journal</i> , 2022, 16, 1228-1238.	2.9	2
49	Diarylazooxime complex of cobalt(III): synthesis, structure, ligand redox, DFT calculations and spectral characteristics. <i>Transition Metal Chemistry</i> , 2022, 47, 31-38.	0.7	2
50	An Optimization-Based Energy Management Strategy for PEM Fuel Cell-Battery Hybrid Energy System for Locomotive Applications. , 2022, 7, 311-323.		1
51	Allocation Planning of the Hydrogen Refueling Stations for the Deployment of Hydrogen-Powered Locomotives in Indian North East Frontier Railway. , 0, , 1.		0