Heidar Ali Shayanfar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7610287/publications.pdf

Version: 2024-02-01

53 papers	1,789 citations	304743 22 h-index	265206 42 g-index
53 all docs	53 docs citations	53 times ranked	1568 citing authors

#	Article	IF	Citations
1	Changing the regulations for regulating the changes: From distribution system operator (DSO) to electricity distribution stakeholdersâ€™ organization (EDSO). Energy and Environment, 2023, 34, 830-854.	4.6	2
2	Risk-Based Electrical-Thermal Scheduling of a Large-Scale Virtual Power Plant Using Downside Risk Constraints for Participating in Energy and Reserve Markets. Arabian Journal for Science and Engineering, 2022, 47, 2663-2683.	3.0	6
3	Decentralized blockchain-based peer-to-peer energy-backed token trading for active prosumers. Energy, 2022, 244, 122713.	8.8	31
4	Peer-to-peer decentralized energy trading framework for retailers and prosumers. Applied Energy, 2022, 308, 118310.	10.1	57
5	Scenario-based robust energy management of CCHP-based virtual energy hub for participating in multiple energy and reserve markets. Sustainable Cities and Society, 2022, 80, 103711.	10.4	20
6	Designing a Robust Decentralized Energy Transactions Framework for Active Prosumers in Peer-to-Peer Local Electricity Markets. IEEE Access, 2022, 10, 26743-26755.	4.2	27
7	Riskâ€averse scheduling of an energy hub in the presence of correlated uncertain variables considering time of use and realâ€time pricingâ€based demand response programs. Energy Science and Engineering, 2022, 10, 1343-1372.	4.0	11
8	Deep learning-based scheduling of virtual energy hubs with plug-in hybrid compressed natural gas-electric vehicles. Applied Energy, 2022, 321, 119318.	10.1	7
9	A Bayesian Multiobjective Approach Based on GMPPT for PV Arrays. International Transactions on Electrical Energy Systems, 2022, 2022, 1-11.	1.9	0
10	Data clustering based probabilistic optimal scheduling of an energy hub considering risk-averse. International Journal of Electrical Power and Energy Systems, 2021, 128, 106774.	5.5	27
11	Distributed generation hosting capacity in electric distribution network in the presence of correlated uncertainties. IET Generation, Transmission and Distribution, 2021, 15, 836-848.	2.5	12
12	Deep Learning-based Self-scheduling of Virtual Energy Hub Considering Phase Change Material-based Thermal Energy Storage. , 2021, , .		1
13	Decentralized Peer-to-Peer Energy Trading for Prosumers Considering Demand Response Program. , 2021, , .		5
14	A comparative study of PI, fuzzyâ€PI, and sliding mode control strategy for battery bank SOC control in a standalone hybrid renewable system. International Transactions on Electrical Energy Systems, 2020, 30, e12181.	1.9	8
15	The role of demand response in optimal sizing and siting of distribution energy resources in distribution network with time-varying load: An analytical approach. Electric Power Systems Research, 2020, 180, 106100.	3.6	24
16	sEMG-based variable impedance control of lower-limb rehabilitation robot using wavelet neural network and model reference adaptive control. Industrial Robot, 2020, 47, 349-358.	2.1	12
17	Heuristic measurement of <scp>demandâ€side management</scp> impact on local reliability. International Transactions on Electrical Energy Systems, 2020, 30, e12423.	1.9	0
18	Risk-constrained probabilistic optimal scheduling of FCPP-CHP based energy hub considering demand-side resources. International Journal of Hydrogen Energy, 2020, 45, 16751-16772.	7.1	31

#	Article	IF	Citations
19	A robust model for generation and transmission expansion planning with emission constraints. Simulation, 2020, 96, 605-621.	1.8	4
20	A survey on cloud computing in energy management of the smart grids. International Transactions on Electrical Energy Systems, 2019, 29, e12094.	1.9	22
21	Prediction of stroke probability occurrence based on fuzzy cognitive maps. Automatika, 2019, 60, 385-392.	2.0	1
22	Day-ahead stochastic multi-objective economic/emission operational scheduling of a large scale virtual power plant. Energy, 2019, 172, 630-646.	8.8	127
23	Fuzzy cognitive map based approach for determining the risk of ischemic stroke. IET Systems Biology, 2019, 13, 297-304.	1.5	9
24	A Response-Based Approach for Online Prediction of Generating Unit Angular Stability. Scientia Iranica, 2019, .	0.4	0
25	Generation Rejection Scheme Based-on a Combinational Rotor Angle Trajectory Prediction. Scientia Iranica, 2019, .	0.4	0
26	Selective Harmonic Elimination With Optimal DC Sources in Multilevel Inverters Using Generalized Pattern Search. IEEE Transactions on Industrial Informatics, 2018, 14, 3124-3131.	11.3	58
27	Multiobjective Robust Power System Expansion Planning Considering Generation Units Retirement. IEEE Systems Journal, 2018, 12, 2664-2675.	4.6	39
28	A novel stochastic energy management of a microgrid with various types of distributed energy resources in presence of demand response programs. Energy, 2018, 160, 257-274.	8.8	141
29	Demand side management in a smart micro-grid in the presence of renewable generation and demand response. Energy, 2017, 126, 622-637.	8.8	233
30	Risk-based planning of the distribution network structure considering uncertainties in demand and cost of energy. Energy, 2017, 119, 578-587.	8.8	29
31	Reliabilityâ€based model for generation and transmission expansion planning. IET Generation, Transmission and Distribution, 2017, 11, 504-511.	2.5	20
32	The optimization of demand response programs in smart grids. Energy Policy, 2016, 94, 295-306.	8.8	108
33	Comment on â€œResource Scheduling Under Uncertainty in a Smart Grid With Renewables and Plug-In Vehiclesâ€•by A. Y. Saber and G. K. Venayagamoorthy. IEEE Systems Journal, 2016, 10, 147-150.	4.6	3
34	Risk-based planning of distribution substation considering technical and economic uncertainties. Electric Power Systems Research, 2016, 135, 18-26.	3.6	22
35	Optimal placement of distributed generations considering voltage stability and power losses with observing voltage-related constraints. Applied Energy, 2014, 113, 1252-1260.	10.1	134
36	PWMSC Controller Design for Damping Electromechanical Oscillations. Automatika, 2014, 55, 207-215.	2.0	1

#	Article	IF	Citations
37	Controlling PMSG-based wind generation by a locally available signal to damp power system inter-area oscillations. International Transactions on Electrical Energy Systems, 2013, 23, 1156-1171.	1.9	4
38	Robust PWMSC Damping Controller Tuning on the Augmented Lagrangian PSO Algorithm. IEEE Transactions on Power Systems, 2013, 28, 4665-4673.	6.5	16
39	Multi-objective congestion management by modified augmented Îµ-constraint method. Applied Energy, 2011, 88, 755-766.	10.1	85
40	Stochastic multi-objective congestion management in power markets improving voltage and transient stabilities. European Transactions on Electrical Power, 2011, 21, 99-115.	1.0	8
41	Stochastic congestion management in power markets using efficient scenario approaches. Energy Conversion and Management, 2010, 51, 2285-2293.	9.2	39
42	Congestion management enhancing transient stability of power systems. Applied Energy, 2010, 87, 971-981.	10.1	23
43	A stochastic framework for clearing of reactive power market. Energy, 2010, 35, 239-245.	8.8	31
44	Optimal location and setting of TCSC under single line contingency using Mixed Integer Nonlinear Programming. , 2010, , .		10
45	Optimal Placement of SVC Based on Line Flow Base Equation Using Mixed Integer Nonlinear Programming. , 2010, , .		4
46	Effects of STATCOM on wind turbines equipped with DFIGs during grid faults. , 2010, , .		11
47	Reliability improvement of distribution systems using SSVR. ISA Transactions, 2009, 48, 98-106.	5.7	31
48	Multi-objective congestion management incorporating voltage and transient stabilities. Energy, 2009, 34, 1401-1412.	8.8	56
49	Market clearing of joint energy and reserves auctions using augmented payment minimization. Energy, 2009, 34, 1552-1559.	8.8	18
50	Stochastic Multiobjective Market Clearing of Joint Energy and Reserves Auctions Ensuring Power System Security. IEEE Transactions on Power Systems, 2009, 24, 1841-1854.	6.5	185
51	Reactive power pricing [The Business Scene]. IEEE Power and Energy Magazine, 2009, 7, 18-32.	1.6	26
52	Learning Techniques to Train Neural Networks as a State Selector in Direct Power Control of DSTATCOM for Voltage Flicker Mitigation. , 2008, , .		4
53	Management, Control and Automation of Power Quality Improvement. , 0, , .		6