Particle swarm optimisation (PSO) for allocation of FAC systems: A review

Renewable and Sustainable Energy Reviews 52, 1260-1267

DOI: 10.1016/j.rser.2015.08.007

Citation Report

#	Article	IF	CITATIONS
1	Optimal design of PIDA controller for induction motor using Spider Monkey Optimization algorithm. International Journal of Metaheuristics, 2016, 5, 278.	0.1	14
2	Parameter estimation of solar photovoltaic (PV) cells: A review. Renewable and Sustainable Energy Reviews, 2016, 61, 354-371.	8.2	441
3	Maximum power point tracking in photovoltaic (PV) systems: A review of different approaches. Renewable and Sustainable Energy Reviews, 2016, 65, 1127-1138.	8.2	128
4	Pareto-efficient double auction power transactions for economic reactive power dispatch. Applied Energy, 2016, 168, 610-627.	5.1	15
5	Particle Swarm Optimization with Enhanced Global Search and Local Search. Journal of Intelligent Systems, 2017, 26, 421-432.	1.2	2
6	Coordinated TCSC Allocation and Network Reinforcements Planning With Wind Power. IEEE Transactions on Sustainable Energy, 2017, 8, 1694-1705.	5.9	26
7	Optimal placement and sizing of distribution static compensator (D-STATCOM) in electric distribution networks: A review. Renewable and Sustainable Energy Reviews, 2017, 77, 688-694.	8.2	108
8	Multi-objective optimal dispatch of microgrid containing electric vehicles. Journal of Cleaner Production, 2017, 165, 1572-1581.	4.6	100
9	A taxonomical review on impact assessment of optimally placed DGs and FACTS controllers in power systems. Energy Reports, 2017, 3, 94-108.	2.5	7
10	Improved metaheuristic based energy-efficient clustering protocol for wireless sensor networks. Engineering Applications of Artificial Intelligence, 2017, 57, 142-152.	4.3	55
11	Optimal siting and sizing of SSSC using improved harmony search algorithm considering non-smooth cost functions., 2017,,.		5
12	Enhancement of available transfer capability using TCSC devices in deregulated power market. , 2017, , .		4
13	Voltage control using eigen value decomposition of fast decoupled load flow Jacobian., 2017,,.		8
14	Optimal placement model of multi-type FACTS devices in power system networks on a limited budget. , 2017, , .		4
15	A Hybrid Approach for Power System Security Enhancement via Optimal Installation of Flexible AC Transmission System (FACTS) Devices. Energies, 2017, 10, 1305.	1.6	36
16	Optimal Allocation of Flexible AC Transmission System Controllers in Electric Power Networks. INAE Letters, 2018, 3, 41-64.	1.0	7
17	A holistic review on optimization strategies for combined economic emission dispatch problem. Renewable and Sustainable Energy Reviews, 2018, 81, 3006-3020.	8.2	99
18	A hybrid particle swarm optimizer with sine cosine acceleration coefficients. Information Sciences, 2018, 422, 218-241.	4.0	137

#	ARTICLE	IF	CITATIONS
19	Enhanced leader particle swarm optimisation (ELPSO): An efficient algorithm for parameter estimation of photovoltaic (PV) cells and modules. Solar Energy, 2018, 159, 78-87.	2.9	233
20	A Multi-Stage Accelerated Quantum Particle Swarm Optimization for Planning and Operation of Static Var Compensators. , 2018, , .		4
21	Home energy management system incorporating heat pump. , 2018, , .		1
22	Enhancement of Power System Performances by Optimally Placed FACTS Controllers by using Different Optimization Techniques in Distribution Systems: A Taxonomical Review., 2018,,.		2
23	Wind Turbine PI Controller's Optimization Using PSO Algorithm. , 2018, , .		5
24	Analytical Approach for Multiple DSTATCOMs Allocation in Radial Distribution Systems for Enhancement of Energy, Cost and Emission Savings. , 2018, , .		O
25	Evaluation of peer-to-peer energy sharing mechanisms based on a multiagent simulation framework. Applied Energy, 2018, 222, 993-1022.	5.1	303
26	Power quality challenges and mitigation measures in grid integration of wind energy conversion systems. , 2018, , .		11
27	Contribution of FACTS devices in power systems security using MILPâ€based OPF. IET Generation, Transmission and Distribution, 2018, 12, 3744-3755.	1.4	22
28	An intelligent hybrid short-term load forecasting model optimized by switching delayed PSO of micro-grids. Journal of Renewable and Sustainable Energy, 2018, 10, .	0.8	7
29	Mitigation of Power Quality Issues Due to High Penetration of Renewable Energy Sources in Electric Grid Systems Using Three-Phase APF/STATCOM Technologies: A Review. Energies, 2018, 11, 1491.	1.6	41
30	Reconfiguration Strategy for Active Distribution Networks with Soft Open Points. , 2019, , .		10
31	LEXICOGRAPHIC MULTI-OBJECTIVE OPTIMISATION OF HYBRID POWER GENERATION SYSTEMS FOR COMMUNITIES IN NON-INTERCONNECTED ZONES. International Journal of Energy Economics and Policy, 2019, 9, 205-217.	0.5	3
32	Optimal allocation of unified power quality conditioner in the smart distribution grids. Electrical Engineering, 2019, 101, 1277-1293.	1.2	11
33	Adequate Topology for Efficient Energy Resources Utilization of Active Distribution Networks Equipped With Soft Open Points. IEEE Access, 2019, 7, 99003-99016.	2.6	56
34	Optimal configuration and operating condition of counter flow cooling towers using particle swarm optimization algorithm. Applied Thermal Engineering, 2019, 151, 318-327.	3.0	12
35	Mobile phone GPS data in urban bicycle-sharing: Layout optimization and emissions reduction analysis. Applied Energy, 2019, 242, 138-147.	5.1	44
36	Adaptive whale optimization for intelligent multi-constraints power quality improvement under deregulated environment. Journal of Engineering, Design and Technology, 2019, 17, 490-514.	1.1	7

#	Article	IF	CITATIONS
37	Analysis of Distribution System with D-STATCOM by Gravitational Search Algorithm (GSA). Journal of the Institution of Engineers (India): Series B, 2019, 100, 207-215.	1.3	20
38	Differential Learning Particle Swarm Optimization with Full Dimensional Information. , 2019, , .		0
39	Review on Optimization Algorithm based Optimal Location and Size of FACTS Devices. , 2019, , .		1
40	Recent Approaches of Forecasting and Optimal Economic Dispatch to Overcome Intermittency of Wind and Photovoltaic (PV) Systems: A Review. Energies, 2019, 12, 4392.	1.6	39
41	Optimal Placement of SVC with Single Objectives using Self-Adaptive Firefly Algorithm. , 2019, , .		0
42	Power system security improvement using an OPA model and IPSO algorithm. Simulation, 2020, 96, 325-335.	1.1	4
43	Advances in reduction of total harmonic distortion in solar photovoltaic systems: A literature review. International Journal of Energy Research, 2020, 44, 2455-2470.	2.2	40
44	Predictive Adaptive Filter for Reducing Total Harmonics Distortion in PV Systems. Energies, 2020, 13, 3286.	1.6	17
45	Hybrid Intelligence Technique for Reactive Power Planning using FACTS devices., 2020,,.		10
46	Soft Open Point in Distribution Networks. IEEE Access, 2020, 8, 210550-210565.	2.6	43
47	A Comprehensive Review on Optimal Location and Sizing of Reactive Power Compensation Using Hybrid-Based Approaches for Power Loss Reduction, Voltage Stability Improvement, Voltage Profile Enhancement and Loadability Enhancement. IEEE Access, 2020, 8, 222733-222765.	2.6	63
48	A Dynamic Multi-Swarm Particle Swarm Optimizer for Multi-Objective Optimization of Machining Operations Considering Efficiency and Energy Consumption. Energies, 2020, 13, 2616.	1.6	6
49	Performance Evaluation of FACTS Placement Methods for Available Transfer Capability Enhancement in a Deregulated Power Networks. , 2020, , .		7
50	Multipopulation cooperative particle swarm optimization with a mixed mutation strategy. Information Sciences, 2020, 529, 179-196.	4.0	75
51	A Comprehensive Review of Power Flow Controllers in Interconnected Power System Networks. IEEE Access, 2020, 8, 18036-18063.	2.6	43
52	Available Transfer Capability Enhancement with FACTS: Perspective of Performance Comparison., 2020,		5
53	A novel approach for optimal allocation of series FACTS device for transmission line congestion management. Engineering Reports, 2021, 3, e12342.	0.9	1
54	Offshore Wind Farm-Grid Integration: A Review on Infrastructure, Challenges, and Grid Solutions. IEEE Access, 2021, 9, 102811-102827.	2.6	50

#	Article	IF	CITATIONS
55	Metaheuristic search in smart grid: A review with emphasis on planning, scheduling and power flow optimization applications. Renewable and Sustainable Energy Reviews, 2021, 145, 111072.	8.2	66
56	Self-Adaptive Firefly-Algorithm-Based Unified Power Flow Controller Placement with Single Objectives. Complexity, 2021, 2021, 1-14.	0.9	4
57	Optimization of Power Losses in Transmission Lines Using Metaheuristic Methods. International Journal of Innovations in Engineering and Science, 2021, 6, 196.	0.1	0
58	System Control and Optimization in Wastewater Treatment: A Particle Swarm Optimization (PSO) Approach., 2021,, 393-407.		0
59	Multiobjective Improved Particle Swarm Optimisation for Transmission Congestion and Voltage Profile Management using Multilevel UPFC. Power Electronics and Drives, 2019, 4, 79-93.	0.6	0
60	Techno-Economic Design and Optimal Operation of Active Radial Active Distribution Network Using Online Optimizer: Real Case Study in Sohag, Egypt. Advances in Intelligent Systems and Computing, 2020, , 460-471.	0.5	1
61	Data clustering based probabilistic UPFC allocation for improving power system reliability considering correlated uncertain variables. International Transactions on Electrical Energy Systems, 0, , e13153.	1.2	0
62	Modelling and Control of a Three-Level Diode-Clamped Medium Voltage Distribution Static Synchronous Compensator using Space Vector Pulse Width Modulation. Gazi University Journal of Science, 2020, 33, 106-118.	0.6	1
63	Analysis of the Response of a Static Reactive Power Compensator to Instability and Failure in Electrical grids. Journal of Physics: Conference Series, 2021, 2065, 012023.	0.3	0
64	Deployment of FACTS Controllers in Solving Power System Network Problems: A Review. International Journal of Engineering Research in Africa, 0, 51, 147-175.	0.7	1
65	A unified optimal power flow modeling for VSC-HVDC converter: a novel methodology for optimal installation based on average loadability index. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2021, ahead-of-print, .	0.5	1
66	A Levy Flight motivated meta-heuristic approach for enhancing maximum loadability limit in practical power system. Applied Soft Computing Journal, 2022, 114, 108146.	4.1	15
67	BONMIN solver-based coordination of distributed FACTS compensators and distributed generation units in modern distribution networks. Ain Shams Engineering Journal, 2022, 13, 101664.	3.5	25
68	Optimal Setting of Thyristor Controlled Series Compensator with Brain Storm Optimization Algorithms for Available Transfer Capability Enhancement. International Journal of Engineering Research in Africa, 0, 58, 225-246.	0.7	1
69	Particle Swarm Optimization: A Comprehensive Survey. IEEE Access, 2022, 10, 10031-10061.	2.6	252
71	Subpopulation Particle Swarm Optimization with a Hybrid Mutation Strategy. Computational Intelligence and Neuroscience, 2022, 2022, 1-19.	1.1	6
72	Optimal Allocation of FACTS Devices Using Improved Differential Harmonic Search Algorithm. , 2021, , .		1
73	OPTIMAL PLACEMENT AND SIZING OF DG and D-STATCOM IN A DISTRIBUTION SYSTEM: A REVIEW. , 2022, , .		2

#	Article	IF	CITATIONS
74	A probabilistic approach for optimal operation of windâ€integrated power systems including UPFC. IET Renewable Power Generation, 2023, 17, 706-724.	1.7	1
75	Optimal Installation for Enhancing Power System Security using Integrated BBO-PSO Techniques. , 2022, , .		1
76	The Impact of Integrating Multi-Microgrid System with FACTS Devices for Voltage Profile Enhancement and Real Power Loss Reduction in Power System: A Review. Pertanika Journal of Science and Technology, 2023, 31, 633-653.	0.3	0
77	An improved modulation method for modular multilevel converters based on particle swarm optimization. International Journal of Electrical Power and Energy Systems, 2023, 151, 109136.	3.3	6
80	An Improved Grey Wolf Optimizer for Numerical Optimization. Lecture Notes in Electrical Engineering, 2023, , 130-137.	0.3	0
81	Literature Review and Power Quality Issues. , 2023, , 5-37.		1
87	Optimization of FACTS Devices for Power System Performance Improvement: A Review., 2023,,.		0