

# Baskar S

## List of Publications by Year in descending order

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16  
papers

4,447  
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623188

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940134

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docs citations

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times ranked

3695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive learning particle swarm optimizer for global optimization of multimodal functions. IEEE Transactions on Evolutionary Computation, 2006, 10, 281-295.	7.5	3,070
2	Solving multiobjective optimal reactive power dispatch using modified NSGA-II. International Journal of Electrical Power and Energy Systems, 2011, 33, 219-228.	3.3	160
3	NSGA-II algorithm for multi-objective generation expansion planning problem. Electric Power Systems Research, 2009, 79, 622-628.	2.1	151
4	Application of modified NSGA-II algorithm to Combined Economic and Emission Dispatch problem. International Journal of Electrical Power and Energy Systems, 2011, 33, 992-1002.	3.3	148
5	Application of modified NSGA-II algorithm to multi-objective reactive power planning. Applied Soft Computing Journal, 2012, 12, 741-753.	4.1	140
6	Evolutionary algorithms based design of multivariable PID controller. Expert Systems With Applications, 2009, 36, 9159-9167.	4.4	131
7	Efficient constraint handling for optimal reactive power dispatch problems. Swarm and Evolutionary Computation, 2012, 5, 28-36.	4.5	111
8	Hybrid real coded genetic algorithm solution to economic dispatch problem. Computers and Electrical Engineering, 2003, 29, 407-419.	3.0	107
9	Application of NSGA-II Algorithm to Single-Objective Transmission Constrained Generation Expansion Planning. IEEE Transactions on Power Systems, 2009, 24, 1790-1797.	4.6	87
10	Evolutionary algorithm solution and KKT based optimality verification to multi-area economic dispatch. International Journal of Electrical Power and Energy Systems, 2009, 31, 365-373.	3.3	73
11	Application of extreme learning machine for series compensated transmission line protection. Engineering Applications of Artificial Intelligence, 2011, 24, 880-887.	4.3	72
12	Intelligent approaches using support vector machine and extreme learning machine for transmission line protection. Neurocomputing, 2010, 73, 2160-2167.	3.5	67
13	Covariance matrix adaptation evolution strategy based design of centralized PID controller. Expert Systems With Applications, 2010, 37, 5775-5781.	4.4	66
14	Penalty parameter-less constraint handling scheme based evolutionary algorithm solutions to economic dispatch. IET Generation, Transmission and Distribution, 2008, 2, 478.	1.4	59
15	Surrogate assisted hybrid differential evolution algorithm using diversity control. Expert Systems, 2015, 32, 531-545.	2.9	4
16	Optimal Placement and Sizing of Active Power Line Conditioners for Minimizing Power Quality Problems. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 267.	0.7	1