Sambarta Dasgupta

List of Publications by Year
in descending order

23 papers	1,085 citations	686830 13 h-index	1125271 13 g-index
23 all docs	23 docs citations	23 times ranked	801 citing authors

#	Article	IF	Citations
1	Contingency Analysis and Identification of Dynamic Voltage Control Areas. IEEE Transactions on Power Systems, 2015, 30, 2974-2983.	4.6	25
2	Entropy-Based Metric for Characterization of Delayed Voltage Recovery. IEEE Transactions on Power Systems, 2015, 30, 2460-2468.	4.6	19
3	Control of systems in Lure form over erasure channels. International Journal of Robust and Nonlinear Control, 2015, 25, 2787-2802.	2.1	13
4	PMU-Based Model-Free Approach for Real-Time Rotor Angle Monitoring. IEEE Transactions on Power Systems, 2015, 30, 2818-2819.	4.6	59
5	Stochastic positive real lemma and synchronization over uncertain network. , 2014, , .		5
6	Identification of critical interactions in uncertain network systems with complex dynamics. , 2012, , .		1
7	Stabilization of system in Lure form over uncertain channels. , 2012, , .		6
8	PMU-based model-free approach for short term voltage stability monitoring. , 2012, , .		14
9	Actuator and sensor placement in linear advection PDE. , 2011, , .		7
10	A hybrid bacterial foraging and differential evolution algorithm for congestion management. European Transactions on Electrical Power, 2010, 20, 862-871.	1.0	13
11	Stability analysis of the reproduction operator in bacterial foraging optimization. Theoretical Computer Science, 2010, 411, 2127-2139.	0.5	35
12	Automatic circle detection on digital images with an adaptive bacterial foraging algorithm. Soft Computing, 2010, 14, 1151-1164.	2.1	66
13	Analysis of the reproduction operator in an artificial bacterial foraging system. Applied Mathematics and Computation, 2010, 215, 3343-3355.	1.4	23
14	A micro-bacterial foraging algorithm for high-dimensional optimization. , 2009, , .		20
15	On stability and convergence of the population-dynamics in differential evolution. AI Communications, 2009, 22, 1-20.	0.8	70
16	Adaptive Computational Chemotaxis in Bacterial Foraging Optimization: An Analysis. IEEE Transactions on Evolutionary Computation, 2009, 13, 919-941.	7.5	215
17	Bacterial Foraging Optimization Algorithm: Theoretical Foundations, Analysis, and Applications. Studies in Computational Intelligence, 2009, , 23-55.	0.7	230
18	On Stability of the Chemotactic Dynamics in Bacterial-Foraging Optimization Algorithm. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 670-679.	3.4	72

#	Article	IF	Citations
19	The population dynamics of Differential Evolution: A mathematical model. , 2008, , .		8
20	Automatic Circle Detection on Images with Annealed Differential Evolution. , 2008, , .		9
21	Adaptive Computational Chemotaxis in Bacterial Foraging Algorithm. , 2008, , .		26
22	Analysis of reproduction operator in Bacterial Foraging Optimization Algorithm. , 2008, , .		21
23	Synergy of PSO and Bacterial Foraging Optimization â€" A Comparative Study on Numerical Benchmarks. Advances in Intelligent and Soft Computing, 2007, , 255-263.	0.2	128