List of Publications by Year
in descending order

22 papers	**1,962** citations	471509 **17** h-index	677142 **22** g-index
22 all docs	**22** docs citations	**22** times ranked	**1632** citing authors

#	Article	IF	Citations
1	Memetic algorithms and memetic computing optimization: A literature review. Swarm and Evolutionary Computation, 2012, 2, 1-14.	8.1	498
2	AN OPTIMIZATION SPIKING NEURAL P SYSTEM FOR APPROXIMATELY SOLVING COMBINATORIAL OPTIMIZATION PROBLEMS. International Journal of Neural Systems, 2014, 24, 1440006.	5.2	261
3	Cloud-assisted secure eHealth systems for tamper-proofing EHR via blockchain. Information Sciences, 2019, 485, 427-440.	6.9	162
4	Memetic Compact Differential Evolution for Cartesian Robot Control. IEEE Computational Intelligence Magazine, 2010, 5, 54-65.	3.2	154
5	Spiking Neural *P* Systems with Communication on Request. International Journal of Neural Systems, 2017, 27, 1750042.	5.2	151
6	Ockham's Razor in memetic computing: Three stage optimal memetic exploration. Information Sciences, 2012, 188, 17-43.	6.9	126
7	Parallel memetic structures. Information Sciences, 2013, 227, 60-82.	6.9	95
8	An analysis on separability for Memetic Computing automatic design. Information Sciences, 2014, 265, 1-22.	6.9	84
9	Design and implementation of membrane controllers for trajectory tracking of nonholonomic wheeled mobile robots. Integrated Computer-Aided Engineering, 2015, 23, 15-30.	4.6	78
10	Covariance matrix adaptation pareto archived evolution strategy with hypervolume-sorted adaptive grid algorithm. Integrated Computer-Aided Engineering, 2016, 23, 313-329.	4.6	67
11	MULTI-STRATEGY COEVOLVING AGING PARTICLE OPTIMIZATION. International Journal of Neural Systems, 2014, 24, 1450008.	5.2	65
12	HyperSPAM: A study on hyper-heuristic coordination strategies in the continuous domain. Information Sciences, 2019, 477, 186-202.	6.9	44
13	Memory-saving memetic computing for path-following mobile robots. Applied Soft Computing Journal, 2013, 13, 2003-2016.	7.2	32
14	Surrogate assisted local search in PMSM drive design. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2008, 27, 573-592.	0.9	28
15	Re-sampled inheritance search: high performance despite the simplicity. Soft Computing, 2013, 17, 2235-2256.	3.6	28
16	A study on rotation invariance in differential evolution. Swarm and Evolutionary Computation, 2019, 50, 100436.	8.1	24
17	Self-Adaptive Particle Swarm Optimization-Based Echo State Network for Time Series Prediction. International Journal of Neural Systems, 2021, 31, 2150057.	5.2	19
18	Towards Artificial Speech Therapy: A Neural System for Impaired Speech Segmentation. International Journal of Neural Systems, 2016, 26, 1650023.	5.2	16

#	Article	IF	Citations
19	A self-adaptive multi-objective feature selection approach for classification problems. Integrated Computer-Aided Engineering, 2021, 29, 3-21.	4.6	16
20	Adaptive Covariance Pattern Search. Lecture Notes in Computer Science, 2021, , 178-193.	1.3	7
21	SPMS-ALS: A Single-Point Memetic structure with accelerated local search for instance reduction. Swarm and Evolutionary Computation, 2022, 69, 100991.	8.1	5
22	Generalised Pattern Search with Restarting Fitness Landscape Analysis. SN Computer Science, 2022, 3, 1.	3.6	2