Shanthi Bala P

List of Publications by Year
in descending order

16 papers	156 citations	1478505 6 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	56 citing authors

#	Article	IF	Citations
1	A new design paradigm for provably secure keyless hash function with subsets and two variables polynomial function. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1933-1949.	3.9	2
2	Hybridization of Chaotic Maps and Gravitational Search Algorithm for Constrained Mechanical and Civil Engineering Design Frameworks. International Journal of Applied Metaheuristic Computing, 2022, 13, 0-0.	0.7	0
3	Levy Flight and Chaos Theory-Based Gravitational Search Algorithm for Global Optimization. International Journal of Applied Metaheuristic Computing, 2022, 13, 1-58.	0.7	3
4	Training Multi-layer Perceptron Using Hybridization of Chaotic Gravitational Search Algorithm and Particle Swarm Optimization. Profiles in Operations Research, 2021, , 233-262.	0.4	2
5	Application of constriction coefficient-based particle swarm optimisation and gravitational search algorithm for solving practical engineering design problems. International Journal of Bio-Inspired Computation, 2021, 17, 246.	0.9	10
6	Constriction coefficient based particle swarm optimization and gravitational search algorithm for multilevel image thresholding. Expert Systems, 2021, 38, e12717.	4.5	20
7	Constriction Coefficient-Based Particle Swarm Optimization and Gravitational Search Algorithm for Image Segmentation. Profiles in Operations Research, 2021, , 279-305.	0.4	2
8	Swarm-based chaotic gravitational search algorithm for solving mechanical engineering design problems. World Journal of Engineering, 2020, 17, 97-114.	1.6	39
9	A hybrid constriction coefficient-based particle swarm optimization and gravitational search algorithm for training multi-layer perceptron. International Journal of Intelligent Computing and Cybernetics, 2020, 13, 129-165.	2.7	17
10	Hybridization of Constriction Coefficient-Based Particle Swarm Optimization and Chaotic Gravitational Search Algorithm for Solving Engineering Design Problems. Lecture Notes in Networks and Systems, 2020, , 95-115.	0.7	8
11	Analysis of Gravitation-Based Optimization Algorithms for Clustering and Classification. Advances in Data Mining and Database Management Book Series, 2020, , 74-99.	0.5	19
12	Fog Resource Allocation Through Machine Learning Algorithm. Advances in Computer and Electrical Engineering Book Series, 2020, , 1-41.	0.3	2
13	Issues and Challenges in Smart Farming for Sustainable Agriculture. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 1-22.	0.4	1
14	A holistic review on gravitational search algorithm and its hybridization with other optimization algorithms. , 2019, , .		10
15	A Comparative study of IoT Technology in Precision Agriculture. , 2019, , .		2
16	Hybridization of Constriction Coefficient Based Particle Swarm Optimization and Gravitational Search Algorithm for Function Optimization. SSRN Electronic Journal, 0, , .	0.4	17