

# Satvir Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11839099/publications.pdf>

Version: 2024-02-01

15  
papers

1,463  
citations

1163117

8  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Butterfly optimization algorithm: a novel approach for global optimization. <i>Soft Computing</i> , 2019, 23, 715-734.	3.6	985
2	Node Localization in Wireless Sensor Networks Using Butterfly Optimization Algorithm. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 3325-3335.	3.0	128
3	An improved butterfly optimization algorithm with chaos. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 1079-1088.	1.4	108
4	A modified butterfly optimization algorithm for mechanical design optimization problems. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	58
5	A conceptual comparison of firefly algorithm, bat algorithm and cuckoo search. , 2013, , .		41
6	Butterfly algorithm with Lévy Flights for global optimization. , 2015, , .		36
7	Multi-objective Gain-Impedance Optimization of Yagi-Uda Antenna using NSBBO and NSPSO. <i>International Journal of Computer Applications</i> , 2012, 56, 1-6.	0.2	27
8	Mutated firefly algorithm. , 2014, , .		20
9	An Improved Butterfly Optimization Algorithm for Global Optimization. <i>Advanced Science, Engineering and Medicine</i> , 2016, 8, 711-717.	0.3	19
10	Design of fuzzy logic system framework using evolutionary techniques. <i>Soft Computing</i> , 2020, 24, 4455-4468.	3.6	11
11	A hybrid optimisation algorithm based on butterfly optimisation algorithm and differential evolution. <i>International Journal of Swarm Intelligence</i> , 2017, 3, 152.	0.3	10
12	Yagi-Uda Antenna Design Optimization for Maximum Gain using different BBO Migration Variants. <i>International Journal of Computer Applications</i> , 2012, 58, 14-18.	0.2	7
13	Mutation effects on BBO evolution in optimizing Yagi-Uda antenna design. , 2012, , .		6
14	NSBBO for gain-impedance optimization of Yagi-Uda antenna design. , 2012, , .		5
15	Multiobjective Gain-Impedance Optimization of Yagi-Uda Antenna Design Using Different BBO Migration Variants. <i>Applied Artificial Intelligence</i> , 2015, 29, 33-48.	3.2	2