

Anna V Kononova

List of Publications by Year in descending order

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22
papers

287
citations

1307594

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1474206

9
g-index

26
all docs

26
docs citations

26
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Infeasibility and structural bias in differential evolution. Information Sciences, 2019, 496, 161-179.	6.9	78
2	Structural bias in population-based algorithms. Information Sciences, 2015, 298, 468-490.	6.9	64
3	Differential evolution outside the box. Information Sciences, 2021, 581, 587-604.	6.9	23
4	Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives. Lecture Notes in Computer Science, 2006, , 805-809.	1.3	17
5	Fitness Diversity Based Adaptive Memetic Algorithm for solving inverse problems of chemical kinetics. , 2007, , .		15
6	Structural bias in differential evolution: A preliminary study. AIP Conference Proceedings, 2019, , .	0.4	15
7	Simple Scheduled Memetic Algorithm for inverse problems in higher dimensions: Application to chemical kinetics. , 2008, , .		12
8	Can Compact Optimisation Algorithms Be Structurally Biased?. Lecture Notes in Computer Science, 2020, , 229-242.	1.3	9
9	Differential Evolution with Scale Factor Local Search for Large Scale Problems. Adaptation, Learning, and Optimization, 2010, , 297-323.	0.6	9
10	Emergence of structural bias in differential evolution. , 2021, , .		8
11	Can Single Solution Optimisation Methods Be Structurally Biased?. , 2020, , .		6
12	Quantifying the impact of boundary constraint handling methods on differential evolution. , 2021, , .		6
13	Is there anisotropy in structural bias?. , 2021, , .		6
14	Improved Automated CASH Optimization with Tree Parzen Estimators for Class Imbalance Problems. , 2021, , .		4
15	Analysis of Structural Bias in Differential Evolution Configurations. Studies in Computational Intelligence, 2022, , 1-22.	0.9	3
16	Addressing the multiplicity of solutions in optical lens design as a niching evolutionary algorithms computational challenge. , 2021, , .		2
17	Efficient AutoML via Combinational Sampling. , 2021, , .		2
18	Advances in computational intelligence (UKCI 2012). Soft Computing, 2013, 17, 2181-2183.	3.6	1

#	ARTICLE	IF	CITATIONS
19	Engineering Fitness Inheritance and Co-operative Evolution Into State-of-the-Art Optimizers. , 2015, , .		1
20	Locating the local minima in lens design with machine learning. , 2021, , .		1
21	A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems. Lecture Notes in Computer Science, 2005, , 610-616.	1.3	0
22	Probabilistic group dependence approach for discovering overlapping clusters. , 2016, , .		0