

# Anna V Kononova

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

287  
citations

1307594

7  
h-index

1474206

9  
g-index

26  
all docs

26  
docs citations

26  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Structural Bias in Differential Evolution Configurations. <i>Studies in Computational Intelligence</i> , 2022, , 1-22.	0.9	3
2	Quantifying the impact of boundary constraint handling methods on differential evolution. , 2021, , .		6
3	Is there anisotropy in structural bias?. , 2021, , .		6
4	Addressing the multiplicity of solutions in optical lens design as a niching evolutionary algorithms computational challenge. , 2021, , .		2
5	Emergence of structural bias in differential evolution. , 2021, , .		8
6	Locating the local minima in lens design with machine learning. , 2021, , .		1
7	Differential evolution outside the box. <i>Information Sciences</i> , 2021, 581, 587-604.	6.9	23
8	Improved Automated CASH Optimization with Tree Parzen Estimators for Class Imbalance Problems. , 2021, , .		4
9	Efficient AutoML via Combinational Sampling. , 2021, , .		2
10	Can Single Solution Optimisation Methods Be Structurally Biased?. , 2020, , .		6
11	Can Compact Optimisation Algorithms Be Structurally Biased?. <i>Lecture Notes in Computer Science</i> , 2020, , 229-242.	1.3	9
12	Infeasibility and structural bias in differential evolution. <i>Information Sciences</i> , 2019, 496, 161-179.	6.9	78
13	Structural bias in differential evolution: A preliminary study. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	15
14	Probabilistic group dependence approach for discovering overlapping clusters. , 2016, , .		0
15	Engineering Fitness Inheritance and Co-operative Evolution Into State-of-the-Art Optimizers. , 2015, , .		1
16	Structural bias in population-based algorithms. <i>Information Sciences</i> , 2015, 298, 468-490.	6.9	64
17	Advances in computational intelligence (UKCI 2012). <i>Soft Computing</i> , 2013, 17, 2181-2183.	3.6	1
18	Differential Evolution with Scale Factor Local Search for Large Scale Problems. <i>Adaptation, Learning, and Optimization</i> , 2010, , 297-323.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Simple Scheduled Memetic Algorithm for inverse problems in higher dimensions: Application to chemical kinetics. , 2008, , .		12
20	Fitness Diversity Based Adaptive Memetic Algorithm for solving inverse problems of chemical kinetics. , 2007, , .		15
21	Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives. Lecture Notes in Computer Science, 2006, , 805-809.	1.3	17
22	A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems. Lecture Notes in Computer Science, 2005, , 610-616.	1.3	0