

# Konstantinos Liagkouras

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

474  
citations

1039406

9  
h-index

887659

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiobjective Evolutionary Algorithms for Portfolio Management: A comprehensive literature review. <i>Expert Systems With Applications</i> , 2012, 39, 11685-11698.	4.4	152
2	Multi-period mean-variance fuzzy portfolio optimization model with transaction costs. <i>Engineering Applications of Artificial Intelligence</i> , 2018, 67, 260-269.	4.3	60
3	A new Probe Guided Mutation operator and its application for solving the cardinality constrained portfolio optimization problem. <i>Expert Systems With Applications</i> , 2014, 41, 6274-6290.	4.4	46
4	Efficient Portfolio Construction with the Use of Multiobjective Evolutionary Algorithms: Best Practices and Performance Metrics. <i>International Journal of Information Technology and Decision Making</i> , 2015, 14, 535-564.	2.3	34
5	A new three-dimensional encoding multiobjective evolutionary algorithm with application to the portfolio optimization problem. <i>Knowledge-Based Systems</i> , 2019, 163, 186-203.	4.0	34
6	A new efficiently encoded multiobjective algorithm for the solution of the cardinality constrained portfolio optimization problem. <i>Annals of Operations Research</i> , 2018, 267, 281-319.	2.6	27
7	Incorporating environmental and social considerations into the portfolio optimization process. <i>Annals of Operations Research</i> , 2022, 316, 1493-1518.	2.6	26
8	An Elitist Polynomial Mutation Operator for Improved Performance of MOEAs in Computer Networks. , 2013, , .		17
9	Examining the effect of different configuration issues of the multiobjective evolutionary algorithms on the efficient frontier formulation for the constrained portfolio optimization problem. <i>Journal of the Operational Research Society</i> , 2018, 69, 416-438.	2.1	14
10	Handling the complexities of the multi-constrained portfolio optimization problem with the support of a novel MOEA. <i>Journal of the Operational Research Society</i> , 2018, 69, 1609-1627.	2.1	14
11	An experimental analysis of a new two-stage crossover operator for multiobjective optimization. <i>Soft Computing</i> , 2017, 21, 721-751.	2.1	9
12	Enhancing the performance of MOEAs: an experimental presentation of a new fitness guided mutation operator. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2017, 29, 91-131.	1.8	8
13	The Constrained Mean-Semivariance Portfolio Optimization Problem with the Support of a Novel Multiobjective Evolutionary Algorithm. <i>Journal of Software Engineering and Applications</i> , 2013, 06, 22-29.	0.8	8
14	Improving the performance of evolutionary algorithms: a new approach utilizing information from the evolutionary process and its application to the fuzzy portfolio optimization problem. <i>Annals of Operations Research</i> , 2019, 272, 119-137.	2.6	6
15	Stock Market Forecasting by Using Support Vector Machines. <i>Learning and Analytics in Intelligent Systems</i> , 2020, , 259-271.	0.5	5
16	A fitness guided mutation operator for improved performance of MOEAs. , 2013, , .		4
17	An Experimental Analysis of a New Interval-Based Mutation Operator. <i>International Journal of Computational Intelligence and Applications</i> , 2015, 14, 1550018.	0.6	3
18	A new probe guided mutation operator for more efficient exploration of the search space: an experimental analysis. <i>International Journal of Operational Research</i> , 2016, 25, 212.	0.1	3

#	ARTICLE	IF	CITATIONS
19	Improving multi-objective algorithms performance by emulating behaviors from the human social analogue in candidate solutions. <i>European Journal of Operational Research</i> , 2021, 292, 1019-1036.	3.5	3
20	A Probe Guided Crossover Operator for More Efficient Exploration of the Search Space. <i>Studies in Computational Intelligence</i> , 2016, , 351-368.	0.7	0
21	Re-Examining the Optimal Routing Problem from the Perspective of Mobility Impaired Individuals. <i>Learning and Analytics in Intelligent Systems</i> , 2022, , 203-216.	0.5	0