Karol R Opara

List of Publications by Citations

26	262	6	16
papers	citations	h-index	g-index
28	377	3.8	4.51
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
26	Differential Evolution: A survey of theoretical analyses. *Swarm and Evolutionary Computation*, **2019**, 44, 546-558	9.8	132
25	Comparison of mutation strategies in Differential Evolution – A probabilistic perspective. *Swarm and Evolutionary Computation*, **2018**, 39, 53-69	9.8	44
24	Smartphone as a monitoring tool for bipolar disorder: a systematic review including data analysis, machine learning algorithms and predictive modelling. *International Journal of Medical Informatics*, **2020**, 138, 104131	5.3	20
23	Factors affecting raveling of motorway pavements—A field experiment with new additives to the deicing brine. *Construction and Building Materials*, **2016**, 113, 174-187	6.7	10
22	Control Charts Designed Using Model Averaging Approach for Phase Change Detection in Bipolar Disorder. *Advances in Intelligent Systems and Computing*, **2019**, 115-123	0.4	8
21	Differential Mutation Based on Population Covariance Matrix **2010**, 114-123		6
20	DMEA – An algorithm that combines differential mutation with the fitness proportionate selection **2011**,		5
19	Control charts based on fuzzy costs for monitoring short autocorrelated time series. *International Journal of Approximate Reasoning*, **2019**, 114, 166-181	3.6	4
18	Reverse clustering: an outline for a concept and its use. *Toxicological and Environmental Chemistry*, **2017**, 1-18	1.4	4
17	The contour fitting property of differential mutation. *Swarm and Evolutionary Computation*, **2019**, 50, 100441	9.8	4
16	Population Diversity of Nonelitist Evolutionary Algorithms in the Exploration Phase. *IEEE Transactions on Evolutionary Computation*, **2020**, 24, 1050-1062	15.6	4
15	Reverse Clustering. *Studies in Computational Intelligence*, **2021**,	0.8	4
14	Decomposition and Metaoptimization of Mutation Operator in Differential Evolution. *Lecture Notes in Computer Science*, **2012**, 110-118	0.9	3
13	Computation of general correlation coefficients for interval data. *International Journal of Approximate Reasoning*, **2016**, 73, 56-75	3.6	3
12	Self-organizing Maps Using Acoustic Features for Prediction of State Change in Bipolar Disorder. *Lecture Notes in Computer Science*, **2019**, 148-160	0.9	3
11	ROAD TEMPERATURE MODELLING WITHOUT IN-SITU SENSORS. *Baltic Journal of Road and Bridge Engineering*, **2017**, 12, 241-247	0.9	2
10	Censoring mutation in differential evolution **2013**,		1

List of Publications

9	Grammatical rhymes in Polish poetry: A quantitative analysis. *Digital Scholarship in the Humanities*, **2015**, 30, 589-598	0.6	1
8	Regularization and concave loss functions for estimation of chemical kinetic models. *Applied Soft Computing Journal*, **2022**, 116, 108286	7.5	1
7	Radial model of differential evolution dynamics **2020**,		1
6	Road roughness estimation through smartphone-measured acceleration. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 0-0	2.6	1
5	Assessing the Share of the Artificial Ad-Related Traffic: Some General Observations. *Smart Innovation, Systems and Technologies*, **2022**, 307-319	0.5	1
4	Efficient Calculation of Kendall's τ for Interval Data. *Advances in Intelligent Systems and Computing*, **2013**, 203-210	0.4	
3	Spherical Model of Population Dynamics in Differential Evolution. *Studies in Computational Intelligence*, **2022**, 23-42	0.8	
2	MAV Control Charts for Monitoring Two-State Processes Using Indirectly Observed Binary Data **2021**, 121-142		
1	The Chemicals in the Natural Environment. *Studies in Computational Intelligence*, **2021**, 53-62	0.8	