

Nicolae Popovici

List of Publications by Year in descending order

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31
papers

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citations

1162367

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all docs

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docs citations

33
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling equilibrium for a multi-criteria selfish routing network equilibrium flow problem. <i>Mathematics and Computers in Simulation</i> , 2021, , .	2.4	0
2	Convexity-preserving properties of set-valued ratios of affine functions. <i>Studia Universitatis Babeş-Bolyai Mathematica</i> , 2021, 66, 591-602.	0.1	2
3	Traffic assignment: on the interplay between optimization and equilibrium problems. <i>Optimization</i> , 2020, 69, 1773-1790.	1.0	1
4	Traffic assignment: Methods and simulations for an alternative formulation of the fixed demand problem. <i>Mathematics and Computers in Simulation</i> , 2019, 155, 360-373.	2.4	5
5	On strictly minimal elements w.r.t. preorder relations in set-valued optimization. <i>Applied Set-Valued Analysis and Optimization</i> , 2019, 1, .	0.3	1
6	Unifying local and global type properties in vector optimization. <i>Journal of Global Optimization</i> , 2018, 72, 155-179.	1.1	4
7	A systematization of convexity and quasiconvexity concepts for set-valued maps, defined by $\langle \cdot \cdot \rangle$ -type and $\langle \cdot u \cdot \rangle$ -type preorder relations. <i>Optimization</i> , 2018, 67, 1077-1094.	1.0	14
8	New algorithms for discrete vector optimization based on the Graef-Younes method and cone-monotone sorting functions. <i>Optimization</i> , 2018, 67, 975-1003.	1.0	3
9	A decomposition approach to vector equilibrium problems. <i>Annals of Operations Research</i> , 2017, 251, 105-115.	2.6	1
10	A new algorithm for solving planar multiobjective location problems involving the Manhattan norm. <i>European Journal of Operational Research</i> , 2017, 258, 35-46.	3.5	9
11	A characterization of cone-convex vector-valued functions. <i>Carpathian Journal of Mathematics</i> , 2016, 32, 79-85.	0.4	1
12	Local maximum points of explicitly quasiconvex functions. <i>Optimization Letters</i> , 2015, 9, 769-777.	0.9	4
13	A Characterization of Cone-Convexity for Set-Valued Functions by Cone-Quasiconvexity. <i>Set-Valued and Variational Analysis</i> , 2015, 23, 295-304.	0.5	6
14	A special class of extended multicriteria location problems. <i>Optimization</i> , 2015, 64, 1305-1320.	1.0	5
15	Preface: special issue of JOGO and GCM10. <i>Journal of Global Optimization</i> , 2013, 57, 613-615.	1.1	0
16	Scalarization and decomposition of vector variational inequalities governed by bifunctions. <i>Optimization</i> , 2013, 62, 735-742.	1.0	2
17	Decomposition of generalized vector variational inequalities. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 1516-1523.	0.6	1
18	Arcwise cone-quasiconvex multicriteria optimization. <i>Operations Research Letters</i> , 2010, 38, 143-146.	0.5	7

#	ARTICLE	IF	CITATIONS
19	Scalar characterizations of weakly cone-convex and weakly cone-quasiconvex functions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010, 72, 1909-1915.	0.6	8
20	Involving the Helly number in Pareto reducibility. <i>Operations Research Letters</i> , 2008, 36, 173-176.	0.5	4
21	On Directed Sets and their Suprema. <i>Positivity</i> , 2007, 11, 155-169.	0.3	0
22	Explicitly quasiconvex set-valued optimization. <i>Journal of Global Optimization</i> , 2007, 38, 103-118.	1.1	12
23	Structure of efficient sets in lexicographic quasiconvex multicriteria optimization. <i>Operations Research Letters</i> , 2006, 34, 142-148.	0.5	13
24	Pareto reducible multicriteria optimization problems. <i>Optimization</i> , 2005, 54, 253-263.	1.0	28
25	Between quasi-convex and convex set-valued mappings. <i>Applied Mathematics Letters</i> , 2004, 17, 245-247.	1.5	4
26	Characterizations of convex and quasiconvex set-valued maps. <i>Mathematical Methods of Operations Research</i> , 2003, 57, 427-435.	0.4	37
27	Generalized convex set-valued maps. <i>Journal of Mathematical Analysis and Applications</i> , 2003, 288, 161-166.	0.5	10
28	A characterization of quasiconvex vector-valued functions. <i>Proceedings of the American Mathematical Society</i> , 2002, 131, 1109-1113.	0.4	40
29	Contractibility of the Efficient Frontier of Three-Dimensional Simply-Shaded Sets. <i>Journal of Optimization Theory and Applications</i> , 2001, 111, 81-116.	0.8	9
30	The Structure of the Efficient Frontier of Finite-Dimensional Completely-Shaded Sets. <i>Journal of Mathematical Analysis and Applications</i> , 2000, 250, 98-117.	0.5	14
31	Bicriteria Linear Fractional Optimization. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2000, , 305-319.	0.3	2