

Christiane Tammer

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

821
citations

686830

13
h-index

525886

27
g-index

49
all docs

49
docs citations

49
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Set-valued Optimization. <i>Vector Optimization</i> , 2015, , .	0.7	284
2	Fuzzy necessary optimality conditions for vector optimization problems. <i>Optimization</i> , 2009, 58, 449-467.	1.0	52
3	Lipschitz properties of the scalarization function and applications. <i>Optimization</i> , 2010, 59, 305-319.	1.0	50
4	A unified approach to uncertain optimization. <i>European Journal of Operational Research</i> , 2017, 260, 403-420.	3.5	48
5	The relationship between multi-objective robustness concepts and set-valued optimization. <i>Fixed Point Theory and Applications</i> , 2014, 2014, 83.	1.1	45
6	Lagrangian conditions for vector optimization in Banach spaces. <i>Mathematical Methods of Operations Research</i> , 2006, 64, 521-540.	0.4	37
7	Regularization of quasi-variational inequalities. <i>Optimization</i> , 2015, 64, 1703-1724.	1.0	34
8	A new approach to duality in vector optimization. <i>Optimization</i> , 2007, 56, 221-239.	1.0	31
9	Set-valued duality theory for multiple objective linear programs and application to mathematical finance. <i>Mathematical Methods of Operations Research</i> , 2009, 69, 159-179.	0.4	27
10	On set-valued optimization problems with variable ordering structure. <i>Journal of Global Optimization</i> , 2015, 61, 745-767.	1.1	26
11	Vector variational principles for set-valued functions. <i>Optimization</i> , 2011, 60, 839-857.	1.0	23
12	Stability results for approximately efficient solutions. <i>OR Spectrum</i> , 1994, 16, 47-52.	2.1	21
13	Vector Variational Principles for Set-Valued Functions. <i>Vector Optimization</i> , 2012, , 367-415.	0.7	14
14	Second-order optimality conditions in set-valued optimization via asymptotic derivatives. <i>Optimization</i> , 2013, 62, 743-758.	1.0	13
15	A Generalized Scalarization Method in Set Optimization with Respect to Variable Domination Structures. <i>Vietnam Journal of Mathematics</i> , 2018, 46, 95-125.	0.4	11
16	Concepts for Approximate Solutions of Vector Optimization Problems with Variable Order Structures. <i>Vietnam Journal of Mathematics</i> , 2014, 42, 543-566.	0.4	10
17	What if we increase the number of objectives? Theoretical and empirical implications for many-objective combinatorial optimization. <i>Computers and Operations Research</i> , 2022, 145, 105857.	2.4	10
18	A Unified Characterization of Nonlinear Scalarizing Functionals in Optimization. <i>Vietnam Journal of Mathematics</i> , 2019, 47, 683-713.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Scalarization and Separation by Translation Invariant Functions. <i>Vector Optimization</i> , 2020, , .	0.7	9
20	Contingent derivatives and regularization for noncoercive inverse problems. <i>Optimization</i> , 2019, 68, 1337-1364.	1.0	7
21	On the Intrinsic Core of Convex Cones in Real Linear Spaces. <i>SIAM Journal on Optimization</i> , 2021, 31, 1276-1298.	1.2	7
22	Scalarization Functionals with Uniform Level Sets in Set Optimization. <i>Journal of Optimization Theory and Applications</i> , 2019, 182, 310-335.	0.8	6
23	Relationships between constrained and unconstrained multi-objective optimization and application in location theory. <i>Mathematical Methods of Operations Research</i> , 2016, 84, 359-387.	0.4	5
24	The Lipschitzianity of convex vector and set-valued functions. <i>Top</i> , 2016, 24, 273-299.	1.1	5
25	Relations between strictly robust optimization problems and a nonlinear scalarization method. , 2012, , .		4
26	Scalarization in Geometric and Functional Vector Optimization Revisited. <i>Journal of Optimization Theory and Applications</i> , 2013, 159, 635-655.	0.8	4
27	Characterization of Set Relations by Means of a Nonlinear Scalarization Functional. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 491-503.	0.5	4
28	On Some Methods to Derive Necessary and Sufficient Optimality Conditions in Vector Optimization. <i>Journal of Optimization Theory and Applications</i> , 2017, 175, 738-763.	0.8	4
29	On convex modified output least-squares for elliptic inverse problems: stability, regularization, applications, and numerics. <i>Optimization</i> , 2017, 66, 983-1012.	1.0	4
30	A Steepest Descent Method for Set Optimization Problems with Set-Valued Mappings of Finite Cardinality. <i>Journal of Optimization Theory and Applications</i> , 2021, 190, 711-743.	0.8	4
31	Vector Optimization with Domination Structures: Variational Principles and Applications. <i>Set-Valued and Variational Analysis</i> , 2022, 30, 695-729.	0.5	3
32	Analyzing the role of the Inf-Sup condition for parameter identification in saddle point problems with application in elasticity imaging. <i>Optimization</i> , 2020, 69, 2577-2610.	1.0	2
33	Optimal Exploitation of Nonrenewable Resources. <i>Journal of Optimization Theory and Applications</i> , 2015, 167, 928-948.	0.8	1
34	Generalized Solutions of Quasi-Variational-Like Problems. <i>Vietnam Journal of Mathematics</i> , 2020, 48, 509-526.	0.4	1
35	Vector Optimization w.r.t. Relatively Solid Convex Cones in Real Linear Spaces. <i>Journal of Optimization Theory and Applications</i> , 2022, 193, 408-442.	0.8	1
36	Special issue dedicated to the EURO Summer Institute ESI XXIV: Optimization challenges in engineeringâ€™ methods, software, and applications. <i>Mathematical Methods of Operations Research</i> , 2008, 68, 207-210.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Multicriteria approaches for a private equity fund. , 2012, , .		0
38	Special issue on the occasion of the 40th anniversary of the Journal, dedicated to the memory of the founder, Professor Karl-Heinz Elster, and to Professor Alfred Göpfert in celebration of his 80th birthday (Part 1). Optimization, 2015, 64, 1-3.	1.0	0
39	Optimality Conditions in Set-Valued Optimization. Vector Optimization, 2015, , 509-604.	0.7	0
40	Approximation und Nichtlineare Optimierung in Praxisaufgaben. , 2017, , .		0
41	Special Issue dedicated to the 65th birthday of Alexander Kruger. Optimization, 2020, 69, 2509-2514.	1.0	0
42	Characterizations for Strong Abadie Constraint Qualification and Applications to Calmness. Journal of Optimization Theory and Applications, 2021, 189, 1-18.	0.8	0
43	Nonconvex Separation Theorems. Vector Optimization, 2015, , 213-248.	0.7	0
44	Special Issue "International Seminar on Optimization and Related Areas"™. Optimization, 2022, 71, i-iii.	1.0	0
45	A special issue dedicated to the Autumn school on equilibrium problems and minimax inequalities, ASEM19, 25-26 September 2019, El Jadida, Morocco. Optimization, 2022, 71, 1249-1252.	1.0	0