Soghra Nobakhtian

List of Publications by Year
in descending order

52 papers	465 citations	758635 12 h-index	839053 18 g-index
52 all docs	52 docs citations	52 times ranked	139 citing authors

#	Article	IF	Citations
1	A proximal bundle algorithm for nonsmooth optimization on Riemannian manifolds. IMA Journal of Numerical Analysis, 2023, 43, 293-325.	1.5	3
2	A new algorithm for the minimax location problem with the closest distance. Optimization, 2023, 72, 2893-2923.	1.0	0
3	An inexact multiple proximal bundle algorithm for nonsmooth nonconvex multiobjective optimization problems. Annals of Operations Research, 2022, 311, 1123-1154.	2.6	5
4	Stealthy and profitable data injection attack on real time electricity market with network model uncertainties. Electric Power Systems Research, 2022, 205, 107742.	2.1	3
5	Monte-Carlo-based data injection attack on electricity markets with network parametric and topology uncertainties. International Journal of Electrical Power and Energy Systems, 2022, 138, 107915.	3.3	4
6	A filter proximal bundle method for nonsmooth nonconvex constrained optimization. Journal of Global Optimization, 2021, 79, 1-37.	1.1	11
7	Robustness in Nonsmooth Nonconvex Optimization Problems. Positivity, 2021, 25, 701-729.	0.3	7
8	Nonsmooth sparsity constrained optimization problems: optimality conditions. Optimization Letters, 2019, 13, 1027-1038.	0.9	2
9	Optimality Conditions for Nonconvex Constrained Optimization Problems. Numerical Functional Analysis and Optimization, 2019, 40, 1918-1938.	0.6	7
10	A new infeasible proximal bundle algorithm for nonsmooth nonconvex constrained optimization. Computational Optimization and Applications, 2019, 74, 443-480.	0.9	11
11	A fast algorithm for the rectilinear distance location problem. Mathematical Methods of Operations Research, 2018, 88, 81-98.	0.4	2
12	Multiobjective Problems: Enhanced Necessary Conditions and New Constraint Qualifications through Convexificators. Numerical Functional Analysis and Optimization, 2018, 39, 11-37.	0.6	8
13	On Abadie constraint qualification for multiobjective optimization problems. Rendiconti Del Circolo Matematico Di Palermo, 2018, 67, 453-464.	0.6	2
14	An algorithm for generalized constrained multi-source Weber problem with demand substations. 4or, 2018, 16, 343-377.	1.0	2
15	On Constraint Qualifications and Sensitivity Analysis for General Optimization Problems via Pseudo-Jacobians. Journal of Optimization Theory and Applications, 2018, 179, 778-799.	0.8	3
16	A new trust region method for nonsmooth nonconvex optimization. Optimization, 2018, 67, 1265-1286.	1.0	8
17	Convexificators and boundedness of the Kuhnâ€"Tucker multipliers set. Optimization, 2017, 66, 1445-1463.	1.0	2
18	Sensitivity analysis of the value function for nonsmooth optimization problems. Operations Research Letters, 2017, 45, 348-352.	0.5	2

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19	A Benson type algorithm for nonconvex multiobjective programming problems. Top, 2017, 25, 271-287.	1.1	10
20	Optimality conditions for nonsmooth mathematical programs with equilibrium constraints, using convexificators. Optimization, 2016, 65, 67-85.	1.0	22
21	Optimality Conditions for Nonsmooth Equilibrium Problems via Hadamard Directional Derivative. Set-Valued and Variational Analysis, 2016, 24, 483-497.	0.5	2
22	Optimality Conditions for Isolated Local Minimum of Nonsmooth Multiobjective Problems. Numerical Functional Analysis and Optimization, 2015, 36, 1087-1106.	0.6	1
23	Local cone approximations in mathematical programming. Optimization, 2015, 64, 1669-1681.	1.0	0
24	Optimality conditions for nonsmooth semidefinite programming via convexificators. Positivity, 2015, 19, 221-236.	0.3	3
25	Optimality conditions for nonsmooth semi-infinite multiobjective programming. Optimization Letters, 2014, 8, 1517-1528.	0.9	42
26	Nonsmooth multiobjective programming: strong Kuhnâ€"Tucker conditions. Positivity, 2013, 17, 711-732.	0.3	12
27	Nonsmooth multiobjective programming and constraint qualifications. Optimization, 2013, 62, 783-795.	1.0	14
28	Convexificators and strong Kuhnâ€"Tucker conditions. Computers and Mathematics With Applications, 2012, 64, 550-557.	1.4	27
29	Optimality Conditions and Duality for Nonsmooth Fractional Continuous-Time Problems. Journal of Optimization Theory and Applications, 2012, 152, 245-255.	0.8	1
30	KKT Optimality Conditions and Nonsmooth Continuous Time Optimization Problems. Numerical Functional Analysis and Optimization, 2011, 32, 1175-1189.	0.6	4
31	Convergence conditions for decentralized optimal traffic engineering in connectionless networks. IEEE Transactions on Communications, 2010, 58, 1333-1337.	4.9	0
32	Necessary and sufficient conditions for nonsmooth mathematical programs with equilibrium constraints. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 2694-2705.	0.6	25
33	Necessary optimality conditions for nonsmooth generalized semi-infinite programming problems. European Journal of Operational Research, 2010, 205, 253-261.	3.5	11
34	Optimality conditions for non-smooth semi-infinite programming. Optimization, 2010, 59, 717-727.	1.0	41
35	Multiobjective Problems with Nonsmooth Equality Constraints. Numerical Functional Analysis and Optimization, 2009, 30, 337-351.	0.6	10
36	Constraint Qualifications for Nonsmooth Mathematical Programs with Equilibrium Constraints. Set-Valued and Variational Analysis, 2009, 17, 63-95.	0.5	15

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37	Nonsmooth multiobjective continuous-time problems with generalized invexity. Journal of Global Optimization, 2009, 43, 593-606.	1.1	4
38	Nonsmooth semi-infinite programming problems with mixed constraints. Journal of Mathematical Analysis and Applications, 2009, 351, 170-181.	0.5	24
39	Optimality and duality for nonsmooth multiobjective fractional programming with mixed constraints. Journal of Global Optimization, 2008, 41, 103-115.	1.1	17
40	Duality for Nonsmooth Continuous-Time Problems ofÂVector Optimization. Journal of Optimization Theory and Applications, 2008, 136, 77-85.	0.8	15
41	Optimality Criteria for Nonsmooth Continuous-Time Problems of Multiobjective Optimization. Journal of Optimization Theory and Applications, 2008, 136, 69-76.	0.8	21
42	Generalized (F,Ì)-Convexity and Duality in Nonsmooth Problems ofÂMultiobjective Optimization. Journal of Optimization Theory and Applications, 2008, 136, 61-68.	0.8	7
43	Mixed Duality without Constraint Qualification for Nonsmooth Fractional Programming. Numerical Functional Analysis and Optimization, 2007, 28, 1355-1367.	0.6	1
44	Duality without constraint qualification in nonsmooth optimization. International Journal of Mathematics and Mathematical Sciences, 2006, 2006, 1-11.	0.3	1
45	Infine functions and nonsmooth multiobjective optimization problems. Computers and Mathematics With Applications, 2006, 51, 1385-1394.	1.4	17
46	Optimality Criteria and Duality in Multiobjective Programming Involving Nonsmooth Invex Functions. Journal of Global Optimization, 2006, 35, 593-606.	1.1	11
47	Sufficiency in Nonsmooth Multiobjective Programming Involving Generalized (FÏ)-convexity. Journal of Optimization Theory and Applications, 2006, 130, 361-367.	0.8	7
48	Universal Near-Optimal Feedbacks. Journal of Optimization Theory and Applications, 2000, 107, 89-122.	0.8	11
49	Sparsity constrained optimization problems via disjunctive programming. Optimization, 0, , 1-27.	1.0	0
50	A proximal bundle-based algorithm for nonsmooth constrained multiobjective optimization problems with inexact data. Numerical Algorithms, 0, , 1.	1.1	3
51	The DTC (difference of tangentially convex functions) programming: optimality conditions. Top, 0, , 1.	1.1	1
52	Convergence of the proximal bundle algorithm for nonsmooth nonconvex optimization problems. Optimization Letters, 0, , 1.	0.9	3