

Gabriel Haeser

List of Publications by Year in descending order

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38
papers

664
citations

840776

11
h-index

610901

24
g-index

40
all docs

40
docs citations

40
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	On sequential optimality conditions for smooth constrained optimization. <i>Optimization</i> , 2011, 60, 627-641.	1.7	123
2	A relaxed constant positive linear dependence constraint qualification and applications. <i>Mathematical Programming</i> , 2012, 135, 255-273.	2.4	109
3	Two New Weak Constraint Qualifications and Applications. <i>SIAM Journal on Optimization</i> , 2012, 22, 1109-1135.	2.0	76
4	On Approximate KKT Condition and its Extension to Continuous Variational Inequalities. <i>Journal of Optimization Theory and Applications</i> , 2011, 149, 528-539.	1.5	32
5	Erratum of a second-order sequential optimality condition associated to the convergence of optimization algorithms. <i>IMA Journal of Numerical Analysis</i> , 2017, 37, e1-e1.	2.9	29
6	New Sequential Optimality Conditions for Mathematical Programs with Complementarity Constraints and Algorithmic Consequences. <i>SIAM Journal on Optimization</i> , 2019, 29, 3201-3230.	2.0	29
7	Augmented Lagrangians with constrained subproblems and convergence to second-order stationary points. <i>Computational Optimization and Applications</i> , 2018, 69, 51-75.	1.6	28
8	Optimality conditions and global convergence for nonlinear semidefinite programming. <i>Mathematical Programming</i> , 2020, 180, 203-235.	2.4	27
9	Optimality condition and complexity analysis for linearly-constrained optimization without differentiability on the boundary. <i>Mathematical Programming</i> , 2019, 178, 263-299.	2.4	17
10	Optimality Conditions and Constraint Qualifications for Generalized Nash Equilibrium Problems and Their Practical Implications. <i>SIAM Journal on Optimization</i> , 2019, 29, 31-54.	2.0	16
11	An inexact restoration approach to optimization problems with multiobjective constraints under weighted-sum scalarization. <i>Optimization Letters</i> , 2016, 10, 1315-1325.	1.6	14
12	A second-order optimality condition with first- and second-order complementarity associated with global convergence of algorithms. <i>Computational Optimization and Applications</i> , 2018, 70, 615-639.	1.6	12
13	Convergence detection for optimization algorithms: Approximate-KKT stopping criterion when Lagrange multipliers are not available. <i>Operations Research Letters</i> , 2015, 43, 484-488.	0.7	10
14	Naive constant rank-type constraint qualifications for multifold second-order cone programming and semidefinite programming. <i>Optimization Letters</i> , 2022, 16, 589-610.	1.6	10
15	A Flexible Inexact-Restoration Method for Constrained Optimization. <i>Journal of Optimization Theory and Applications</i> , 2015, 165, 188-208.	1.5	9
16	On second-order optimality conditions in nonlinear optimization. <i>Optimization Methods and Software</i> , 2017, 32, 22-38.	2.4	9
17	An Augmented Lagrangian method for quasi-equilibrium problems. <i>Computational Optimization and Applications</i> , 2020, 76, 737-766.	1.6	9
18	On the constrained error bound condition and the projected Levenberg-Marquardt method. <i>Optimization</i> , 2017, 66, 1397-1411.	1.7	8

#	ARTICLE	IF	CITATIONS
19	On a Conjecture in Second-Order Optimality Conditions. <i>Journal of Optimization Theory and Applications</i> , 2018, 176, 625-633.	1.5	8
20	Constraint Qualifications for Karush–Kuhn–Tucker Conditions in Multiobjective Optimization. <i>Journal of Optimization Theory and Applications</i> , 2020, 187, 469-487.	1.5	8
21	On the behavior of Lagrange multipliers in convex and nonconvex infeasible interior point methods. <i>Mathematical Programming</i> , 2021, 186, 257-288.	2.4	8
22	On the use of Jordan Algebras for improving global convergence of an Augmented Lagrangian method in nonlinear semidefinite programming. <i>Computational Optimization and Applications</i> , 2021, 79, 633-648.	1.6	7
23	On fuzzy uncertainties on the logistic equation. <i>Fuzzy Sets and Systems</i> , 2017, 328, 107-121.	2.7	6
24	An Augmented Lagrangian algorithm for nonlinear semidefinite programming applied to the covering problem. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	6
25	Towards an efficient augmented Lagrangian method for convex quadratic programming. <i>Computational Optimization and Applications</i> , 2020, 76, 767-800.	1.6	6
26	On the best achievable quality of limit points of augmented Lagrangian schemes. <i>Numerical Algorithms</i> , 2022, 90, 851-877.	1.9	6
27	On Optimality Conditions for Nonlinear Conic Programming. <i>Mathematics of Operations Research</i> , 2022, 47, 2160-2185.	1.3	6
28	On the global convergence of interior-point nonlinear programming algorithms. <i>Computational and Applied Mathematics</i> , 2010, 29, .	2.2	5
29	An Extension of Yuan’s Lemma and Its Applications in Optimization. <i>Journal of Optimization Theory and Applications</i> , 2017, 174, 641-649.	1.5	5
30	A second-order sequential optimality condition associated to the convergence of optimization algorithms. <i>IMA Journal of Numerical Analysis</i> , 0, , drw064.	2.9	4
31	On scaled stopping criteria for a safeguarded augmented Lagrangian method with theoretical guarantees. <i>Mathematical Programming Computation</i> , 2022, 14, 121-146.	4.8	4
32	New Constraint Qualifications with Second-Order Properties in Nonlinear Optimization. <i>Journal of Optimization Theory and Applications</i> , 2020, 184, 494-506.	1.5	4
33	Global Convergence of Algorithms Under Constant Rank Conditions for Nonlinear Second-Order Cone Programming. <i>Journal of Optimization Theory and Applications</i> , 2022, 195, 42-78.	1.5	3
34	Primal-Dual Relationship Between Levenberg–Marquardt and Central Trajectories for Linearly Constrained Convex Optimization. <i>Journal of Optimization Theory and Applications</i> , 2014, 162, 705-717.	1.5	2
35	Some theoretical limitations of second-order algorithms for smooth constrained optimization. <i>Operations Research Letters</i> , 2018, 46, 295-299.	0.7	2
36	On sequential optimality conditions for smooth constrained optimization. <i>Optimization</i> , 2011, 60, 1119-1119.	1.7	0

#	ARTICLE	IF	CITATIONS
37	A note on linearly dependent symmetric matrices. Linear and Multilinear Algebra, 2021, 69, 2539-2545.	1.0	0
38	On constraint qualifications for second-order optimality conditions depending on a single Lagrange multiplier. Operations Research Letters, 2021, , .	0.7	0