

Aviv Gibali

List of Publications by Year in descending order

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68
papers

2,565
citations

331259

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docs citations

71
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic stringâ€veraging CQâ€methods for the split feasibility problem with percentage violation constraints arising in radiation therapy treatment planning. <i>International Transactions in Operational Research</i> , 2023, 30, 181-205.	1.8	11
2	An explicit algorithm for solving monotone variational inequalities. <i>Applied Numerical Mathematics</i> , 2022, 171, 408-425.	1.2	7
3	Cooperation in traffic network problems via evolutionary split variational inequalities. <i>Journal of Industrial and Management Optimization</i> , 2022, 18, 593.	0.8	1
4	Convergence analysis and applications of the inertial algorithm solving inclusion problems. <i>Applied Numerical Mathematics</i> , 2022, 175, 1-17.	1.2	5
5	On fixed point theorems for a class of α -Meirâ€Keeler-type contraction mapping in modular extended b-metric spaces. <i>Journal of Analysis</i> , 2022, 30, 1257-1282.	0.3	4
6	Linear approximation method for solving split inverse problems and its applications. <i>Advances in Computational Mathematics</i> , 2022, 48, .	0.8	0
7	New inertial relaxed method for solving split feasibilities. <i>Optimization Letters</i> , 2021, 15, 2109-2126.	0.9	51
8	Accelerating Two Projection Methods via Perturbations with Application to Intensity-Modulated Radiation Therapy. <i>Applied Mathematics and Optimization</i> , 2021, 83, 881-914.	0.8	2
9	A new approximation scheme for solving various split inverse problems. <i>Afrika Matematika</i> , 2021, 32, 369-401.	0.4	20
10	Two new extragradient methods for solving equilibrium problems. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	0.6	11
11	Projected-Reflected Subgradient-Extragradient Method and Its Real-World Applications. <i>Symmetry</i> , 2021, 13, 489.	1.1	6
12	An Analytic and Numerical Investigation of a Differential Game. <i>Axioms</i> , 2021, 10, 66.	0.9	3
13	Convergence analysis of a general inertial projection-type method for solving pseudomonotone equilibrium problems with applications. <i>Journal of Inequalities and Applications</i> , 2021, 2021, .	0.5	12
14	Error bounds and gap functions for various variational type problems. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	0.6	1
15	Multi-Time Generalized Nash Equilibria with Dynamic Flow Applications. <i>Mathematics</i> , 2021, 9, 1658.	1.1	0
16	Computing Dynamic User Equilibrium on Large-Scale Networks Without Knowing Global Parameters. <i>Networks and Spatial Economics</i> , 2021, 21, 735-768.	0.7	4
17	Simple inertial methods for solving split variational inclusions in Banach spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 12707-12726.	1.2	3
18	A parallel Tsengâ€™s splitting method for solving common variational inclusion applied to signal recovery problems. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	5

#	ARTICLE	IF	CITATIONS
19	Feasibility-based fixed point networks. Fixed Point Theory and Algorithms for Sciences and Engineering, 2021, 2021, .	0.2	7
20	New Self-Adaptive Inertial-like Proximal Point Methods for the Split Common Null Point Problem. Symmetry, 2021, 13, 2316.	1.1	4
21	New self-adaptive step size algorithms for solving split variational inclusion problems and its applications. Numerical Algorithms, 2020, 83, 305-331.	1.1	33
22	Strong convergence of inertial algorithms for solving equilibrium problems. Optimization Letters, 2020, 14, 1817-1843.	0.9	14
23	Inertial Projection-Type Methods for Solving Quasi-Variational Inequalities in Real Hilbert Spaces. Journal of Optimization Theory and Applications, 2020, 184, 877-894.	0.8	29
24	A self-adaptive extragradientâ€‘CQ method for a class of bilevel split equilibrium problem with application to Nash Cournot oligopolistic electricity market models. Computational and Applied Mathematics, 2020, 39, 1.	1.0	6
25	A Symmetric FBF Method for Solving Monotone Inclusions. Symmetry, 2020, 12, 1456.	1.1	3
26	Fast and Simple Bregman Projection Methods for Solving Variational Inequalities and Related Problems in Banach Spaces. Results in Mathematics, 2020, 75, 1.	0.4	31
27	Inertial Krasnoselskiiâ€‘Mann Method in Banach Spaces. Mathematics, 2020, 8, 638.	1.1	6
28	Three new iterative methods for solving inclusion problems and related problems. Computational and Applied Mathematics, 2020, 39, 1.	1.0	6
29	Outer Approximation Methods for Solving Variational Inequalities Defined over the Solution Set of a Split Convex Feasibility Problem. Numerical Functional Analysis and Optimization, 2020, 41, 1089-1108.	0.6	7
30	A new low-cost double projection method for solving variational inequalities. Optimization and Engineering, 2020, 21, 1613-1634.	1.3	23
31	Several inertial methods for solving split convex feasibilities and related problems. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	4
32	An efficient iterative method for finding common fixed point and variational inequalities in Hilbert spaces. Optimization, 2019, 68, 13-32.	1.0	34
33	The cyclic Douglasâ€‘Rachford algorithm with r-sets-Douglasâ€‘Rachford operators. Optimization Methods and Software, 2019, 34, 875-889.	1.6	7
34	A new inertial double-projection method for solving variational inequalities. Journal of Fixed Point Theory and Applications, 2019, 21, 1.	0.6	34
35	Gradient projection-type algorithms for solving equilibrium problems and its applications. Computational and Applied Mathematics, 2019, 38, 1.	1.0	5
36	On the Convergence Rate of the Continuous Newton Method. Journal of Mathematical Sciences, 2019, 239, 867-879.	0.1	0

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37	Two simple projection-type methods for solving variational inequalities. <i>Analysis and Mathematical Physics</i> , 2019, 9, 2203-2225.	0.6	23
38	Two strong convergence subgradient extragradient methods for solving variational inequalities in Hilbert spaces. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2019, 36, 299-321.	0.5	13
39	Extragradient methods for solving non-Lipschitzian pseudo-monotone variational inequalities. <i>Journal of Fixed Point Theory and Applications</i> , 2019, 21, 1.	0.6	26
40	Physically feasible decomposition of Engino® toy models: A graph-theoretic approach. <i>European Journal of Applied Mathematics</i> , 2019, 30, 278-297.	1.4	1
41	A new relaxed CQ algorithm for solving split feasibility problems in Hilbert spaces and its applications. <i>Journal of Industrial and Management Optimization</i> , 2019, 15, 963-984.	0.8	43
42	A New Double-Projection Method for Solving Variational Inequalities in Banach Spaces. <i>Journal of Optimization Theory and Applications</i> , 2018, 178, 219-239.	0.8	43
43	Convergence of projection and contraction algorithms with outer perturbations and their applications to sparse signals recovery. <i>Journal of Fixed Point Theory and Applications</i> , 2018, 20, 1.	0.6	18
44	A modified subgradient extragradient method for solving the variational inequality problem. <i>Numerical Algorithms</i> , 2018, 79, 927-940.	1.1	52
45	A generalized projection-based scheme for solving convex constrained optimization problems. <i>Computational Optimization and Applications</i> , 2018, 70, 737-762.	0.9	13
46	Note on the modified relaxation CQ algorithm for the split feasibility problem. <i>Optimization Letters</i> , 2018, 12, 817-830.	0.9	48
47	l_1 - l_2 regularization of split feasibility problems. <i>Numerical Algorithms</i> , 2018, 78, 739-757.	1.1	23
48	Self-adaptive iterative method for solving boundedly Lipschitz continuous and strongly monotone variational inequalities. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 350.	0.5	3
49	Tseng type methods for solving inclusion problems and its applications. <i>Calcolo</i> , 2018, 55, 1.	0.6	52
50	Totally relaxed, self-adaptive algorithm for solving variational inequalities over the intersection of sub-level sets. <i>Optimization</i> , 2018, 67, 1487-1504.	1.0	12
51	Two simple relaxed perturbed extragradient methods for solving variational inequalities in Euclidean spaces. <i>Journal of Nonlinear and Variational Analysis</i> , 2018, 2, 49-61.	1.0	15
52	DC-Programming versus α - θ -Superiorization for Discrete Tomography. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2018, 26, 105-133.	0.1	2
53	Outer approximation methods for solving variational inequalities in Hilbert space. <i>Optimization</i> , 2017, 66, 417-437.	1.0	80
54	Speedup of lexicographic optimization by superiorization and its applications to cancer radiotherapy treatment. <i>Inverse Problems</i> , 2017, 33, 044012.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Bounded perturbation resilience of extragradient-type methods and their applications. Journal of Inequalities and Applications, 2017, 2017, 280.	0.5	8
56	Superiorized polyenergetic reconstruction algorithm for reduction of metal artifacts in CT images. , 2017, , .		1
57	Singular Value Homogenization: a simple preconditioning technique for linearly constrained optimization and its potential applications in medical therapy. Journal of Mathematics in Industry, 2016, 6, .	0.7	5
58	The Implicit Convex Feasibility Problem and Its Application to Adaptive Image Denoising. Journal of Computational Mathematics, 2016, 34, 610-625.	0.2	8
59	Iterative methods for solving variational inequalities in Euclidean space. Journal of Fixed Point Theory and Applications, 2015, 17, 775-811.	0.6	30
60	An Algorithm for Solving the Variational Inequality Problem Over the Fixed Point Set of a Quasi-Nonexpansive Operator in Euclidean Space. Numerical Functional Analysis and Optimization, 2013, 34, 1067-1096.	0.6	21
61	A von Neumann alternating method for finding common solutions to variational inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 4596-4603.	0.6	27
62	Extensions of Korpelevich's extragradient method for the variational inequality problem in Euclidean space. Optimization, 2012, 61, 1119-1132.	1.0	255
63	Common Solutions to Variational Inequalities. Set-Valued and Variational Analysis, 2012, 20, 229-247.	0.5	72
64	Algorithms for the Split Variational Inequality Problem. Numerical Algorithms, 2012, 59, 301-323.	1.1	427
65	Strong convergence of subgradient extragradient methods for the variational inequality problem in Hilbert space. Optimization Methods and Software, 2011, 26, 827-845.	1.6	257
66	The Subgradient Extragradient Method for Solving Variational Inequalities in Hilbert Space. Journal of Optimization Theory and Applications, 2011, 148, 318-335.	0.8	566
67	Projections Onto Super-Half-Spaces for Monotone Variational Inequality Problems in Finite-Dimensional Space. Journal of Nonlinear and Convex Analysis, 2008, 9, 461-475.	0.0	12
68	Non-Convex Split Feasibility Problems: Models, Algorithms and Theory. Open Journal of Mathematical Optimization, 0, 1, 1-15.	0.0	4