Samir Adly

List of Publications by Year
in descending order

68 papers	961 citations	516215 16 h-index	525886 27 g-index
70 all docs	70 docs citations	70 times ranked	323 citing authors

#	Article	IF	Citations
1	First-order inertial algorithms involving dry friction damping. Mathematical Programming, 2022, 193, 405-445.	1.6	7
2	Existence of solutions for a Lipschitzian vibroimpact problem with time-dependent constraints. Fixed Point Theory and Algorithms for Sciences and Engineering, 2022, 2022, .	0.2	0
3	Sensitivity analysis of maximally monotone inclusions via the proto-differentiability of the resolvent operator. Mathematical Programming, 2021, 189, 37-54.	1.6	4
4	Special issue on variational analysis, optimization and their applications. Optimization Letters, 2021, 15, 813-815.	0.9	0
5	Douglas–Rachford splitting algorithm for solving state-dependent maximal monotone inclusions. Optimization Letters, 2021, 15, 2861-2878.	0.9	1
6	Asymptotic behavior of Newton-like inertial dynamics involving the sum of potential and nonpotential terms. Fixed Point Theory and Algorithms for Sciences and Engineering, 2021, 2021, .	0.2	3
7	Lyapunov Stability of Differential Inclusions with Lipschitz Cusco Perturbations of Maximal Monotone Operators. Set-Valued and Variational Analysis, 2020, 28, 345-368.	0.5	3
8	An extended conjugate duality for generalized semi-infinite programming problems via a convex decomposition. Optimization, 2020, 69, 1635-1654.	1.0	1
9	Well-Posedness of nonconvex degenerate sweeping process via unconstrained evolution problems. Nonlinear Analysis: Hybrid Systems, 2020, 36, 100832.	2.1	4
10	Finite Convergence of Proximal-Gradient Inertial Algorithms Combining Dry Friction with Hessian-Driven Damping. SIAM Journal on Optimization, 2020, 30, 2134-2162.	1.2	20
11	A Coderivative Approach to the Robust Stability of Composite Parametric Variational Systems: Applications in Nonsmooth Mechanics. Journal of Optimization Theory and Applications, 2019, 180, 62-90.	0.8	3
12	On a Decomposition Formula for the Resolvent Operator of the Sum of Two Set-Valued Maps with Monotonicity Assumptions. Applied Mathematics and Optimization, 2019, 80, 715-732.	0.8	2
13	Time-dependent inclusions and sweeping processes in contact mechanics. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	0.7	10
14	Lyapunov Stability of Differential Inclusions Involving Prox-Regular Sets via Maximal Monotone Operators. Journal of Optimization Theory and Applications, 2019, 182, 906-934.	0.8	6
15	Sensitivity Properties of Parametric Nonconvex Evolution Inclusions with Application to Optimal Control Problems. Set-Valued and Variational Analysis, 2019, 27, 549-568.	0.5	5
16	State-Dependent Implicit Sweeping Process in the Framework of Quasistatic Evolution Quasi-Variational Inequalities. Journal of Optimization Theory and Applications, 2019, 182, 473-493.	0.8	13
17	An Existence Result for Discontinuous Second-Order Nonconvex State-Dependent Sweeping Processes. Applied Mathematics and Optimization, 2019, 79, 515-546.	0.8	9
18	A Duality Approach for a Class of Semivectorial Bilevel Programming Problems. Vietnam Journal of Mathematics, 2018, 46, 197-214.	0.4	3

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19	New necessary and sufficient optimality conditions for strong bilevel programming problems. Journal of Global Optimization, 2018, 70, 309-327.	1.1	1
20	Invariant sets and Lyapunov pairs for differential inclusions with maximal monotone operators. Journal of Mathematical Analysis and Applications, 2018, 457, 1017-1037.	0.5	5
21	On semicoercive sweeping process with velocity constraint. Optimization Letters, 2018, 12, 831-843.	0.9	7
22	Sensitivity Analysis of Variational Inequalities via Twice Epi-differentiability and Proto-differentiability of the Proximity Operator. SIAM Journal on Optimization, 2018, 28, 1699-1725.	1.2	8
23	Prox-regularity approach to generalized equations and image projection. ESAIM - Control, Optimisation and Calculus of Variations, 2018, 24, 677-708.	0.7	4
24	Strong-Weak Nonlinear Bilevel Problems: Existence of Solutions in a Sequential Setting. Set-Valued and Variational Analysis, 2017, 25, 113-132.	0.5	8
25	Maximal monotonicity and cyclic monotonicity arising in nonsmooth Lur'e dynamical systems. Journal of Mathematical Analysis and Applications, 2017, 448, 691-706.	0.5	12
26	Non-convex sweeping processes involving maximal monotone operators. Optimization, 2017, 66, 1465-1486.	1.0	5
27	Stability of metric regularity with set-valued perturbations and application to Newton's method for solving generalized equations. Set-Valued and Variational Analysis, 2017, 25, 543-567.	0.5	8
28	A Variational Approach to Nonsmooth Dynamics. SpringerBriefs in Mathematics, 2017, , .	0.2	16
29	Discontinuous sweeping process with prox-regular sets. ESAIM - Control, Optimisation and Calculus of Variations, 2017, 23, 1293-1329.	0.7	17
30	Nonsmooth Lyapunov pairs for differential inclusions governed by operators with nonempty interior domain. Mathematical Programming, 2016, 157, 349-374.	1.6	9
31	Newton's method for solving generalized equations: Kantorovich's and Smale's approaches. Journal of Mathematical Analysis and Applications, 2016, 439, 396-418.	0.5	21
32	Unbounded Second-Order State-Dependent Moreau's Sweeping Processes in Hilbert Spaces. Journal of Optimization Theory and Applications, 2016, 169, 407-423.	0.8	25
33	Nonsmooth Lur'e Dynamical Systems in Hilbert Spaces. Set-Valued and Variational Analysis, 2016, 24, 13-35.	0.5	15
34	Newton's Method for Solving Inclusions Using Set-Valued Approximations. SIAM Journal on Optimization, 2015, 25, 159-184.	1.2	27
35	A New Method for Solving Second-Order Cone Eigenvalue Complementarity Problems. Journal of Optimization Theory and Applications, 2015, 165, 563-585.	0.8	21
36	Quantitative Stability of a Generalized Equation. Journal of Optimization Theory and Applications, 2014, 160, 90-110.	0.8	12

#	ARTICLE	IF	CITATIONS
37	Convex sweeping process in the framework of measure differential inclusions and evolution variational inequalities. Mathematical Programming, 2014, 148, 5-47.	1.6	59
38	Stability and invariance results for a class of non-monotone set-valued Lur'e dynamical systems. Applicable Analysis, 2014, 93, 1087-1105.	0.6	8
39	Generalized Semi-Infinite Programming: Optimality Conditions Involving Reverse Convex Problems. Numerical Functional Analysis and Optimization, 2014, 35, 816-836.	0.6	3
40	On One-Sided Lipschitz Stability of Set-Valued Contractions. Numerical Functional Analysis and Optimization, 2014, 35, 837-850.	0.6	10
41	Variational Analysis and Generalized Equations in Electronics. Set-Valued and Variational Analysis, 2013, 21, 333-358.	0.5	10
42	On some dynamic thermal non clamped contact problems. Mathematical Programming, 2013, 139, 5-26.	1.6	4
43	Well-Posedness, Robustness, and Stability Analysis of a Set-Valued Controller for Lagrangian Systems. SIAM Journal on Control and Optimization, 2013, 51, 1592-1614.	1.1	13
44	A new method for solving Pareto eigenvalue complementarity problems. Computational Optimization and Applications, 2013, 55, 703-731.	0.9	25
45	Stability Analysis and Attractivity Results of a DC-DC Buck Converter. Set-Valued and Variational Analysis, 2012, 20, 331-353.	0.5	9
46	Solvability of a class of thermal dynamical contact problems with subdifferential conditions. Numerical Algebra, Control and Optimization, 2012, 2, 91-104.	1.0	8
47	A Fenchel–Lagrange Duality Approach for a Bilevel Programming Problem with Extremal-Value Function. Journal of Optimization Theory and Applications, 2011, 149, 254-268.	0.8	7
48	A nonsmooth algorithm for cone-constrained eigenvalue problems. Computational Optimization and Applications, 2011, 49, 299-318.	0.9	52
49	Weak nonlinear bilevel problems: Existence of solutions via reverse convex and convex maximization problems. Journal of Industrial and Management Optimization, 2011, 7, 559-571.	0.8	13
50	Optimal control of a quasi-variational obstacle problem. Journal of Global Optimization, 2010, 47, 421-435.	1.1	20
51	Periodic solutions of evolution variational inequalities – a method of guiding functions. Chinese Annals of Mathematics Series B, 2009, 30, 261-272.	0.2	5
52	A sensitivity analysis of a class of semi-coercive variational inequalities using recession tools. Journal of Global Optimization, 2008, 40, 7-27.	1.1	11
53	A method using the approach of Moreau and Panagiotopoulos for the mathematical formulation of non-regular circuits in electronics. Nonlinear Analysis: Hybrid Systems, 2007, 1, 30-43.	2.1	31
54	Existence Results for a Class of Periodic Evolution Variational Inequalities*. Chinese Annals of Mathematics Series B, 2007, 28, 629-650.	0.2	1

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55	Attractivity theory for second order non-smooth dynamical systems with application to dry friction. Journal of Mathematical Analysis and Applications, 2006, 322, 1055-1070.	0.5	9
56	Finite Time Stabilization of Nonlinear Oscillators Subject to dry Friction. , 2006, , 289-304.		20
57	Norm-closure of the barrier cone in normed linear spaces. Proceedings of the American Mathematical Society, 2004, 132, 2911-2915.	0.4	4
58	Well-positioned Closed Convex Sets and Well-positioned Closed Convex Functions. Journal of Global Optimization, 2004, 29, 337-351.	1.1	21
59	A stability theory for second-order nonsmooth dynamical systems with application to friction problems. Journal Des Mathematiques Pures Et Appliquees, 2004, 83, 17-51.	0.8	58
60	On the closedness of the algebraic difference of closed convex sets. Journal Des Mathematiques Pures Et Appliquees, 2003, 82, 1219-1249.	0.8	16
61	STABILITY OF THE SOLUTION SET OF NON-COERCIVE VARIATIONAL INEQUALITIES. Communications in Contemporary Mathematics, 2002, 04, 145-160.	0.6	31
62	Periodic Solutions for Second-Order Differential Equations involving Nonconvex Superpotentials. Journal of Global Optimization, 2000, 17, 9-17.	1.1	1
63	Critical points for nonsmooth energy functions and applications. Nonlinear Analysis: Theory, Methods & Applications, 1998, 32, 711-718.	0.6	12
64	Perturbed Algorithms and Sensitivity Analysis for a General Class of Variational Inclusions. Journal of Mathematical Analysis and Applications, 1996, 201, 609-630.	0.5	125
65	Recession mappings and noncoercive variational inequalities. Nonlinear Analysis: Theory, Methods & Applications, 1996, 26, 1573-1603.	0.6	48
66	Recession methods in monotone variational hemivariational inequalities. Topological Methods in Nonlinear Analysis, 1995, 5, 397.	0.2	4
67	Prox-regular sets and Legendre-Fenchel transform related to separation properties. Optimization, 0, , 1-33.	1.0	1
68	Newton-Type Inertial Algorithms for Solving Monotone Equations Governed by Sums of Potential and Nonpotential Operators. Applied Mathematics and Optimization, 0, , 1.	0.8	3