

Samir Adly

List of Publications by Year in descending order

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68
papers

961
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516215

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525886

27
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70
all docs

70
docs citations

70
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Convex sweeping process in the framework of measure differential inclusions and evolution variational inequalities. Mathematical Programming, 2014, 148, 5-47.	1.6	59
3	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
4	A nonsmooth algorithm for cone-constrained eigenvalue problems. Computational Optimization and Applications, 2011, 49, 299-318.	0.9	52
5	Recession mappings and noncoercive variational inequalities. Nonlinear Analysis: Theory, Methods & Applications, 1996, 26, 1573-1603.	0.6	48
6	STABILITY OF THE SOLUTION SET OF NON-COERCIVE VARIATIONAL INEQUALITIES. Communications in Contemporary Mathematics, 2002, 04, 145-160.	0.6	31
7	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
8	Newton's Method for Solving Inclusions Using Set-Valued Approximations. SIAM Journal on Optimization, 2015, 25, 159-184.	1.2	27
9	A new method for solving Pareto eigenvalue complementarity problems. Computational Optimization and Applications, 2013, 55, 703-731.	0.9	25
10	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
11	Well-positioned Closed Convex Sets and Well-positioned Closed Convex Functions. Journal of Global Optimization, 2004, 29, 337-351.	1.1	21
12	A New Method for Solving Second-Order Cone Eigenvalue Complementarity Problems. Journal of Optimization Theory and Applications, 2015, 165, 563-585.	0.8	21
13	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
14	Finite Time Stabilization of Nonlinear Oscillators Subject to dry Friction. , 2006, , 289-304.		20
15	Optimal control of a quasi-variational obstacle problem. Journal of Global Optimization, 2010, 47, 421-435.	1.1	20
16	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
17	Discontinuous sweeping process with prox-regular sets. ESAIM - Control, Optimisation and Calculus of Variations, 2017, 23, 1293-1329.	0.7	17
18	On the closedness of the algebraic difference of closed convex sets. Journal Des Mathematiques Pures Et Appliquees, 2003, 82, 1219-1249.	0.8	16

#	ARTICLE	IF	CITATIONS
19	A Variational Approach to Nonsmooth Dynamics. SpringerBriefs in Mathematics, 2017, , .	0.2	16
20	Nonsmooth Lur'e Dynamical Systems in Hilbert Spaces. Set-Valued and Variational Analysis, 2016, 24, 13-35.	0.5	15
21	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
22	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
23	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
24	Critical points for nonsmooth energy functions and applications. Nonlinear Analysis: Theory, Methods & Applications, 1998, 32, 711-718.	0.6	12
25	Quantitative Stability of a Generalized Equation. Journal of Optimization Theory and Applications, 2014, 160, 90-110.	0.8	12
26	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
27	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
28	Variational Analysis and Generalized Equations in Electronics. Set-Valued and Variational Analysis, 2013, 21, 333-358.	0.5	10
29	On One-Sided Lipschitz Stability of Set-Valued Contractions. Numerical Functional Analysis and Optimization, 2014, 35, 837-850.	0.6	10
30	Time-dependent inclusions and sweeping processes in contact mechanics. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	0.7	10
31	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
32	Stability Analysis and Attractivity Results of a DC-DC Buck Converter. Set-Valued and Variational Analysis, 2012, 20, 331-353.	0.5	9
33	Nonsmooth Lyapunov pairs for differential inclusions governed by operators with nonempty interior domain. Mathematical Programming, 2016, 157, 349-374.	1.6	9
34	An Existence Result for Discontinuous Second-Order Nonconvex State-Dependent Sweeping Processes. Applied Mathematics and Optimization, 2019, 79, 515-546.	0.8	9
35	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
36	Strong-Weak Nonlinear Bilevel Problems: Existence of Solutions in a Sequential Setting. Set-Valued and Variational Analysis, 2017, 25, 113-132.	0.5	8

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37	Stability of metric regularity with set-valued perturbations and application to Newton's method for solving generalized equations. <i>Set-Valued and Variational Analysis</i> , 2017, 25, 543-567.	0.5	8
38	Sensitivity Analysis of Variational Inequalities via Twice Epi-differentiability and Proto-differentiability of the Proximity Operator. <i>SIAM Journal on Optimization</i> , 2018, 28, 1699-1725.	1.2	8
39	Solvability of a class of thermal dynamical contact problems with subdifferential conditions. <i>Numerical Algebra, Control and Optimization</i> , 2012, 2, 91-104.	1.0	8
40	A Fenchel-Lagrange Duality Approach for a Bilevel Programming Problem with Extremal-Value Function. <i>Journal of Optimization Theory and Applications</i> , 2011, 149, 254-268.	0.8	7
41	On semicoercive sweeping process with velocity constraint. <i>Optimization Letters</i> , 2018, 12, 831-843.	0.9	7
42	First-order inertial algorithms involving dry friction damping. <i>Mathematical Programming</i> , 2022, 193, 405-445.	1.6	7
43	Lyapunov Stability of Differential Inclusions Involving Prox-Regular Sets via Maximal Monotone Operators. <i>Journal of Optimization Theory and Applications</i> , 2019, 182, 906-934.	0.8	6
44	Periodic solutions of evolution variational inequalities – a method of guiding functions. <i>Chinese Annals of Mathematics Series B</i> , 2009, 30, 261-272.	0.2	5
45	Non-convex sweeping processes involving maximal monotone operators. <i>Optimization</i> , 2017, 66, 1465-1486.	1.0	5
46	Invariant sets and Lyapunov pairs for differential inclusions with maximal monotone operators. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 457, 1017-1037.	0.5	5
47	Sensitivity Properties of Parametric Nonconvex Evolution Inclusions with Application to Optimal Control Problems. <i>Set-Valued and Variational Analysis</i> , 2019, 27, 549-568.	0.5	5
48	Norm-closure of the barrier cone in normed linear spaces. <i>Proceedings of the American Mathematical Society</i> , 2004, 132, 2911-2915.	0.4	4
49	On some dynamic thermal non clamped contact problems. <i>Mathematical Programming</i> , 2013, 139, 5-26.	1.6	4
50	Prox-regularity approach to generalized equations and image projection. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2018, 24, 677-708.	0.7	4
51	Well-Posedness of nonconvex degenerate sweeping process via unconstrained evolution problems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 36, 100832.	2.1	4
52	Sensitivity analysis of maximally monotone inclusions via the proto-differentiability of the resolvent operator. <i>Mathematical Programming</i> , 2021, 189, 37-54.	1.6	4
53	Recession methods in monotone variational hemivariational inequalities. <i>Topological Methods in Nonlinear Analysis</i> , 1995, 5, 397.	0.2	4
54	Generalized Semi-Infinite Programming: Optimality Conditions Involving Reverse Convex Problems. <i>Numerical Functional Analysis and Optimization</i> , 2014, 35, 816-836.	0.6	3

#	ARTICLE	IF	CITATIONS
55	A Duality Approach for a Class of Semivectorial Bilevel Programming Problems. Vietnam Journal of Mathematics, 2018, 46, 197-214.	0.4	3
56	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
57	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
58	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
59	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
60	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
61	Periodic Solutions for Second-Order Differential Equations involving Nonconvex Superpotentials. Journal of Global Optimization, 2000, 17, 9-17.	1.1	1
62	Existence Results for a Class of Periodic Evolution Variational Inequalities*. Chinese Annals of Mathematics Series B, 2007, 28, 629-650.	0.2	1
63	New necessary and sufficient optimality conditions for strong bilevel programming problems. Journal of Global Optimization, 2018, 70, 309-327.	1.1	1
64	An extended conjugate duality for generalized semi-infinite programming problems via a convex decomposition. Optimization, 2020, 69, 1635-1654.	1.0	1
65	Douglas-Rachford splitting algorithm for solving state-dependent maximal monotone inclusions. Optimization Letters, 2021, 15, 2861-2878.	0.9	1
66	Prox-regular sets and Legendre-Fenchel transform related to separation properties. Optimization, 0, , 1-33.	1.0	1
67	Special issue on variational analysis, optimization and their applications. Optimization Letters, 2021, 15, 813-815.	0.9	0
68	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