Stephen M Robinson

List of Publications by Year
in descending order

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32 papers	2,950 citations	471061 17 h-index	454577 30 g-index
32 all docs	32 docs citations	32 times ranked	777 citing authors

#	Article	IF	Citations
1	Strongly Regular Generalized Equations. Mathematics of Operations Research, 1980, 5, 43-62.	0.8	809
2	Some continuity properties of polyhedral multifunctions. Mathematical Programming Studies, 1981, , 206-214.	0.8	357
3	Generalized equations and their solutions, part II: Applications to nonlinear programming. Mathematical Programming Studies, 1982, , 200-221.	0.8	287
4	Normal Maps Induced by Linear Transformations. Mathematics of Operations Research, 1992, 17, 691-714.	0.8	231
5	Perturbed Kuhn-Tucker points and rates of convergence for a class of nonlinear-programming algorithms. Mathematical Programming, 1974, 7, 1-16.	1.6	224
6	An Implicit-Function Theorem for a Class of Nonsmooth Functions. Mathematics of Operations Research, 1991, 16, 292-309.	0.8	208
7	Sample-path solution of stochastic variational inequalities. Mathematical Programming, 1999, 84, 313-333.	1.6	202
8	Newton's method for a class of nonsmooth functions. Set-Valued and Variational Analysis, 1994, 2, 291-305.	0.5	108
9	Sample-path optimization of convex stochastic performance functions. Mathematical Programming, 1996, 75, 137-176.	1.6	106
10	Composition duality and maximal monotonicity. Mathematical Programming, 1999, 85, 1-13.	1.6	66
11	Local structure of feasible sets in nonlinear programming, part II: Nondegeneracy. Mathematical Programming Studies, 1984, , 217-230.	0.8	51
12	Sensitivity Analysis of Variational Inequalities by Normal-Map Techniques. , 1995, , 257-269.		43
13	Constraint Nondegeneracy in Variational Analysis. Mathematics of Operations Research, 2003, 28, 201-232.	0.8	35
14	Linear convergence of epsilon-subgradient descent methods for a class of convex functions. Mathematical Programming, 1999, 86, 41-50.	1.6	31
15	Implementation of a continuation method for normal maps. Mathematical Programming, 1997, 76, 563-578.	1.6	30
16	Variational Inequalities over Perturbed Polyhedral Convex Sets. Mathematics of Operations Research, 2008, 33, 689-711.	0.8	25
17	Variational conditions with smooth constraints: structure and analysis. Mathematical Programming, 2003, 97, 245-265.	1.6	20
18	Scenario analysis via bundle decomposition. Annals of Operations Research, 1995, 56, 39-63.	2.6	19

#	Article	IF	Citations
19	Solution continuity in variational conditions. Journal of Global Optimization, 2008, 40, 405-415.	1.1	16
20	Normal Fans of Polyhedral Convex Sets. Set-Valued and Variational Analysis, 2008, 16, 281-305.	0.5	15
21	Localized Normal Maps and the Stability of Variational Conditions. Set-Valued and Variational Analysis, 2004, 12, 259-274.	0.5	14
22	Strong Regularity and the Sensitivity Analysis of Traffic Equilibria: A Comment. Transportation Science, 2006, 40, 540-542.	2.6	9
23	Equations on monotone graphs. Mathematical Programming, 2013, 141, 49-101.	1.6	9
24	A point-of-attraction result for Newton's method with point-based approximations. Optimization, 2011, 60, 89-99.	1.0	8
25	Convergence of Subdifferentials Under Strong Stochastic Convexity. Management Science, 1995, 41, 1397-1401.	2.4	7
26	A reduction method for variational inequalities. Mathematical Programming, 1998, 80, 161-169.	1.6	7
27	Rapid improvement of stochastic networks using two-moment approximations. Mathematical and Computer Modelling, 2006, 43, 1038-1060.	2.0	4
28	Errata to â€˜Localized Normal Maps and the Stability of Variational Inclusionsâ€™ (Set-Valued Analysis 12) Tj ETQq0 0 0 rgBT /Overlock	0.5	4
29	The Compression Property for Affine Variational Inequalities. Numerical Functional Analysis and Optimization, 2014, 35, 1212-1224.	0.6	3
30	A Linearization Method for Nondegenerate Variational Conditions. Journal of Global Optimization, 2004, 28, 405-417.	1.1	1
31	A Short Proof of the Sticky Face Lemma. Mathematical Programming, 2018, 168, 5-9.	1.6	1
32	Reduction of affine variational inequalities. Computational Optimization and Applications, 2016, 65, 493-509.	0.9	0