

# Constantin Zalinescu

## List of Publications by Year in descending order

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79  
papers

1,471  
citations

393982

19  
h-index

344852

36  
g-index

79  
all docs

79  
docs citations

79  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Set-valued Optimization. <i>Vector Optimization</i> , 2015, , .	0.7	284
2	On uniformly convex functions. <i>Journal of Mathematical Analysis and Applications</i> , 1983, 95, 344-374.	0.5	141
3	On the vectorial Ekeland's variational principle and minimal points in product spaces. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2000, 39, 909-922.	0.6	111
4	Subdifferential Calculus Rules in Convex Analysis: A Unifying Approach Via Pointwise Supremum Functions. <i>SIAM Journal on Optimization</i> , 2008, 19, 863-882.	1.2	75
5	A generalization of the Farkas lemma and applications to convex programming. <i>Journal of Mathematical Analysis and Applications</i> , 1978, 66, 651-678.	0.5	53
6	Lipschitz properties of the scalarization function and applications. <i>Optimization</i> , 2010, 59, 305-319.	1.0	50
7	Set convergences. An attempt of classification. <i>Transactions of the American Mathematical Society</i> , 1993, 340, 199-226.	0.5	49
8	Conditioning and Upper-Lipschitz Inverse Subdifferentials in Nonsmooth Optimization Problems. <i>Journal of Optimization Theory and Applications</i> , 1997, 95, 127-148.	0.8	42
9	Regularization of quasi-variational inequalities. <i>Optimization</i> , 2015, 64, 1703-1724.	1.0	34
10	A Nonlinear Extension of Hoffman's Error Bounds for Linear Inequalities. <i>Mathematics of Operations Research</i> , 2003, 28, 524-532.	0.8	33
11	Some problems about the representation of monotone operators by convex functions. <i>ANZIAM Journal</i> , 2005, 47, 1-20.	0.3	31
12	Scalar convergence of convex sets. <i>Journal of Mathematical Analysis and Applications</i> , 1992, 164, 219-241.	0.5	27
13	Comparison of Existence Results for Efficient Points. <i>Journal of Optimization Theory and Applications</i> , 2000, 105, 161-188.	0.8	27
14	A new proof for Rockafellar's characterization of maximal monotone operators. <i>Proceedings of the American Mathematical Society</i> , 2004, 132, 2969-2972.	0.4	27
15	Hahn-Banach extension theorems for multifunctions revisited. <i>Mathematical Methods of Operations Research</i> , 2008, 68, 493-508.	0.4	23
16	Vector variational principles for set-valued functions. <i>Optimization</i> , 2011, 60, 839-857.	1.0	23
17	Sharp Estimates for Hoffman's Constant for Systems of Linear Inequalities and Equalities. <i>SIAM Journal on Optimization</i> , 2003, 14, 517-533.	1.2	22
18	Maximal monotonicity criteria for the composition and the sum under weak interiority conditions. <i>Mathematical Programming</i> , 2010, 123, 265-283.	1.6	22

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19	A convex sets in general position. <i>Linear Algebra and Its Applications</i> , 1985, 64, 191-198.	0.4	20
20	Variational Analysis of Directional Minimal Time Functions and Applications to Location Problems. <i>Set-Valued and Variational Analysis</i> , 2013, 21, 405-430.	0.5	20
21	Set convergences: A survey and a classification. <i>Set-Valued and Variational Analysis</i> , 1994, 2, 339-356.	0.5	18
22	Continuity of Usual Operations and Variational Convergences. <i>Set-Valued and Variational Analysis</i> , 2003, 11, 225-256.	0.5	18
23	Linear Monotone Subspaces of Locally Convex Spaces. <i>Set-Valued and Variational Analysis</i> , 2010, 18, 29-55.	0.5	17
24	Some remarks concerning Gao's Strang's complementary gap function. <i>Applicable Analysis</i> , 2011, 90, 1111-1121.	0.6	17
25	On the use of the quasi-relative interior in optimization. <i>Optimization</i> , 2015, 64, 1795-1823.	1.0	16
26	Recession cones and asymptotically compact sets. <i>Journal of Optimization Theory and Applications</i> , 1993, 77, 209-220.	0.8	14
27	Counterexamples to some triality and tri-duality results. <i>Journal of Global Optimization</i> , 2011, 49, 173-183.	1.1	14
28	Vector Variational Principles for Set-Valued Functions. <i>Vector Optimization</i> , 2012, , 367-415.	0.7	14
29	Continuity of the Legendre-Fenchel transform for some variational convergences. <i>Optimization</i> , 2004, 53, 549-562.	1.0	13
30	On Zero Duality Gap and the Farkas Lemma for Conic Programming. <i>Mathematics of Operations Research</i> , 2008, 33, 991-1001.	0.8	13
31	Bounded (Hausdorff) Convergence: Basic Facts and Applications. , 2005, , 827-854.		11
32	A counter-example to "minimal distance between two non-convex surfaces"™. <i>Optimization</i> , 2011, 60, 593-602.	1.0	11
33	On convergence of closed convex sets. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 319, 617-634.	0.5	10
34	On the differentiability of the support function. <i>Journal of Global Optimization</i> , 2013, 57, 719-731.	1.1	10
35	A Critical View on Invexity. <i>Journal of Optimization Theory and Applications</i> , 2014, 162, 695-704.	0.8	10
36	Letter To The Editor: On Borwein's Paper, "Adjoint Process Duality". <i>Mathematics of Operations Research</i> , 1986, 11, 692-698.	0.8	9

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37	Continuous dependence on data in abstract control problems. Journal of Optimization Theory and Applications, 1984, 43, 277-306.	0.8	8
38	Stability of constrained optimization problems. Nonlinear Analysis: Theory, Methods & Applications, 1997, 28, 1395-1409.	0.6	8
39	On the convergence of maximal monotone operators. Proceedings of the American Mathematical Society, 2005, 134, 1937-1946.	0.4	8
40	Counter-examples in bi-duality, triality and tri-duality. Discrete and Continuous Dynamical Systems, 2011, 31, 1453-1468.	0.5	8
41	A note on d-stability of convex programs and limiting Lagrangians. Mathematical Programming, 1992, 53, 267-277.	1.6	7
42	A new ABB theorem in normed vector spaces. Optimization, 2004, 53, 369-376.	1.0	7
43	Slice-continuous sets in reflexive Banach spaces: convex constrained optimization and strict convex separation. Journal of Functional Analysis, 2005, 223, 179-203.	0.7	7
44	Convex analysis can be helpful for the asymptotic analysis of monotone operators. Mathematical Programming, 2009, 116, 481-498.	1.6	7
45	Approximation of Functions and Sets. , 2001, , 255-274.		7
46	$\hat{\pm}$ -Convex Sets and Strong Quasiconvexity. Mathematics of Operations Research, 1997, 22, 998-1022.	0.8	6
47	On the Maximization of (not necessarily) Convex Functions on Convex Sets. Journal of Global Optimization, 2006, 36, 379-389.	1.1	6
48	Bounded convergence for perturbed minimization problems. Optimization, 2004, 53, 625-640.	1.0	5
49	The Lipschitzianity of convex vector and set-valued functions. Top, 2016, 24, 273-299.	1.1	5
50	Minimal element theorems revisited. Journal of Mathematical Analysis and Applications, 2020, 486, 123935.	0.5	4
51	On Relatively Solid Convex Cones in Real Linear Spaces. Journal of Optimization Theory and Applications, 2021, 188, 277-290.	0.8	4
52	On some open problems in convex analysis. Archiv Der Mathematik, 1992, 59, 566-571.	0.3	3
53	On the second conjugate of several convex functions in general normed vector spaces. Journal of Global Optimization, 2008, 40, 475-487.	1.1	3
54	On two triality results. Optimization and Engineering, 2011, 12, 477-487.	1.3	3

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55	On duality gap in linear conic problems. Optimization Letters, 2012, 6, 393-402.	0.9	3
56	Counterexamples to a triality theorem for quadratic-exponential minimization problems. Mathematical Methods of Operations Research, 2013, 77, 227-237.	0.4	3
57	On V. Latorre and D.Y. Gao's paper "Canonical duality for solving general nonconvex constrained problems", Optimization Letters, 2016, 10, 1781-1787.	0.9	3
58	On unconstrained optimization problems solved using the canonical duality and triality theories. Optimization, 2020, 69, 2551-2576.	1.0	3
59	On Constrained Optimization Problems Solved Using the Canonical Duality Theory. Advances in Intelligent Systems and Computing, 2020, , 155-163.	0.5	3
60	An algorithm for the best approximation by elements of a polyhedral set in banach spaces. Numerical Functional Analysis and Optimization, 1983, 6, 273-285.	0.6	2
61	On gwinner's paper "results of emas type". Numerical Functional Analysis and Optimization, 1989, 10, 401-414.	0.6	2
62	On several results about convex set functions. Journal of Mathematical Analysis and Applications, 2007, 328, 1451-1470.	0.5	2
63	Duality results involving functions associated to nonempty subsets of locally convex spaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2009, 103, 219-234.	0.6	2
64	Counterexamples to a triality theorem in "Canonical duality least square method". Computational Optimization and Applications, 2011, 50, 619-628.	0.9	2
65	When some variational properties force convexity. ESAIM - Control, Optimisation and Calculus of Variations, 2013, 19, 701-709.	0.7	2
66	On Second-Order Generalized Convexity. Journal of Optimization Theory and Applications, 2016, 168, 802-829.	0.8	2
67	On canonical duality theory and constrained optimization problems. Journal of Global Optimization, 2022, 82, 1053-1070.	1.1	2
68	Persistence and stability of solutions of Hamilton-Jacobi equations. Journal of Mathematical Analysis and Applications, 2008, 347, 188-203.	0.5	1
69	On the duality between the profit and the indirect distance functions in production theory. European Journal of Operational Research, 2010, 207, 30-36.	3.5	1
70	Relations between the convexity of a set and the differentiability of its support function. Optimization, 2016, 65, 651-670.	1.0	1
71	On quadratically constrained quadratic optimization problems and canonical duality theory. Optimization Letters, 2020, 14, 2227-2245.	0.9	1
72	On Berinde's method for comparing iterative processes. Fixed Point Theory and Algorithms for Sciences and Engineering, 2021, 2021, .	0.2	1

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73	On some extension theorems for set-valued mappings. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2013, 88, 24-26.	0.6	0
74	Ekeland Variational Principle. <i>Vector Optimization</i> , 2015, , 369-397.	0.7	0
75	On the use of semi-closed sets and functions in convex analysis. <i>Open Mathematics</i> , 2015, 13, .	0.5	0
76	On D.Y. Gao and X. Lu paper "On the extrema of a nonconvex functional with double-well potential in 1D". <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017, 68, 1.	0.7	0
77	On the entropy minimization problem in Statistical Mechanics. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 457, 1713-1729.	0.5	0
78	On the global shape of convex functions on locally convex spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 488, 124109.	0.5	0
79	Nonconvex Separation Theorems. <i>Vector Optimization</i> , 2015, , 213-248.	0.7	0