Lionel Thibault

List of Publications by Year
in descending order

25 papers	871 citations	1040056 9 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	266 citing authors

#	Article	IF	Citations
1	On the Discretization of Truncated Integro-Differential Sweeping Process and Optimal Control. Journal of Optimization Theory and Applications, 2022, 193, 785-830.	1.5	8
2	BV prox-regular sweeping process with bounded truncated variation. Optimization, 2020, 69, 1391-1437.	1.7	10
3	Lipschitz Continuity of the Optimal Solution of the Infimal Convolution Problem and Subdifferential Calculus. Communications in Computer and Information Science, 2020, , 72-87.	0.5	0
4	Well-posedness and Subdifferentials of Optimal Value and Infimal Convolution. Set-Valued and Variational Analysis, 2019, 27, 841-861.	1.1	5
5	A subdifferential characterization of Motzkin decomposable functions. Optimization, 2019, 68, 1279-1287.	1.7	0
6	The Nearest Point Theorem for Weakly Convex Sets in Asymmetric Seminormed Spaces. Communications in Computer and Information Science, 2019, , 21-34.	0.5	3
7	Smoothness of the metric projection onto nonconvex bodies in Hilbert spaces. Journal of Mathematical Analysis and Applications, 2018, 457, 1307-1332.	1.0	5
8	Sublevel representations of epi-Lipschitz sets and other properties. Mathematical Programming, 2018, 168, 555-569.	2.4	1
9	Infimal Convolution and Optimal Time Control Problem I: Fréchet and Proximal Subdifferentials. Set-Valued and Variational Analysis, 2018, 26, 581-606.	1.1	7
10	ENVELOPES FOR SETS AND FUNCTIONS: REGULARIZATION AND GENERALIZED CONJUGACY. Mathematika, 2017, 63, 383-432.	0.5	2
11	Infimal Convolution and Optimal Time Control Problem II: Limiting Subdifferential. Set-Valued and Variational Analysis, 2017, 25, 517-542.	1.1	5
12	Sequential Îµ-Subdifferential Calculus for Scalar and Vector Mappings. Set-Valued and Variational Analysis, 2017, 25, 383-403.	1.1	4
13	Discontinuous sweeping process with prox-regular sets. ESAIM - Control, Optimisation and Calculus of Variations, 2017, 23, 1293-1329.	1.3	17
14	The NSLUC property and Klee envelope. Mathematische Annalen, 2016, 365, 923-967.	1.4	4
15	Subdifferential characterization of <i>s</i>-lower regular functions. Applicable Analysis, 2015, 94, 85-98.	1.3	4
16	Nonconvex Sweeping Process with a Moving Set Depending on the State. Vietnam Journal of Mathematics, 2014, 42, 595-612.	0.8	10
17	Convex sweeping process in the framework of measure differential inclusions and evolution variational inequalities. Mathematical Programming, 2014, 148, 5-47.	2.4	59
18	Continuous selections of multifunctions with weakly convex values. Topology and Its Applications, 2008, 155, 851-857.	0.4	2

#	Article	IF	Citations
19	BV solutions of nonconvex sweeping process differential inclusion with perturbation. Journal of Differential Equations, 2006, 226, 135-179.	2.2	82
20	Subsmooth sets: Functional characterizations and related concepts. Transactions of the American Mathematical Society, 2004, 357, 1275-1301.	0.9	87
21	On various notions of regularity of sets in nonsmooth analysis. Nonlinear Analysis: Theory, Methods & Applications, 2002, 48, 223-246.	1.1	79
22	Local differentiability of distance functions. Transactions of the American Mathematical Society, 2000, 352, 5231-5249.	0.9	291
23	Characterization of lower semicontinuous convex functions. Proceedings of the American Mathematical Society, 1992, 116, 67-67.	0.8	78
24	On Subdifferentials of Optimal Value Functions. SIAM Journal on Control and Optimization, 1991, 29, 1019-1036.	2.1	107
25	Distance Function Associated to a Prox-regular set. Set-Valued and Variational Analysis, 0, , 1.	1.1	1