

Constantin Christof

List of Publications by Year in descending order

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16
papers

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citations

1478505

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1199594

12
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all docs

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docs citations

16
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal control of a non-smooth semilinear elliptic equation. <i>Mathematical Control and Related Fields</i> , 2018, 8, 247-276.	1.1	47
2	Sensitivity Analysis and Optimal Control of Obstacle-Type Evolution Variational Inequalities. <i>SIAM Journal on Control and Optimization</i> , 2019, 57, 192-218.	2.1	17
3	No-Gap Second-Order Conditions via a Directional Curvature Functional. <i>SIAM Journal on Optimization</i> , 2018, 28, 2097-2130.	2.0	13
4	Sensitivity Analysis for a Class of H^1 -Elliptic Variational Inequalities of the Second Kind. <i>Set-Valued and Variational Analysis</i> , 2019, 27, 469-502.	1.1	10
5	On second-order optimality conditions for optimal control problems governed by the obstacle problem. <i>Optimization</i> , 2021, 70, 2247-2287.	1.7	8
6	On the Non-Polyhedricity of Sets with Upper and Lower Bounds in Dual Spaces. <i>GAMM Mitteilungen</i> , 2018, 40, 339-350.	5.5	7
7	Multiobjective optimal control of a non-smooth semilinear elliptic partial differential equation. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021, 27, S13.	1.3	7
8	New regularity results and finite element error estimates for a class of parabolic optimal control problems with pointwise state constraints. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021, 27, 4.	1.3	7
9	Differential Sensitivity Analysis of Variational Inequalities with Locally Lipschitz Continuous Solution Operators. <i>Applied Mathematics and Optimization</i> , 2020, 81, 23-62.	1.6	6
10	A Nonsmooth Trust-Region Method for Locally Lipschitz Functions with Application to Optimization Problems Constrained by Variational Inequalities. <i>SIAM Journal on Optimization</i> , 2020, 30, 2163-2196.	2.0	6
11	L^∞ -error estimates for the obstacle problem revisited. <i>Calcolo</i> , 2017, 54, 1243-1264.	1.1	5
12	A note on a priori L^p -error estimates for the obstacle problem. <i>Numerische Mathematik</i> , 2018, 139, 27-45.	1.9	5
13	Gradient-Based Solution Algorithms for a Class of Bilevel Optimization and Optimal Control Problems with a Nonsmooth Lower Level. <i>SIAM Journal on Optimization</i> , 2020, 30, 290-318.	2.0	4
14	A Note on the Equivalence and the Boundary Behavior of a Class of Sobolev Capacities. <i>GAMM Mitteilungen</i> , 2018, 40, 238-266.	5.5	3
15	On the nonuniqueness and instability of solutions of tracking-type optimal control problems. <i>Mathematical Control and Related Fields</i> , 2021, .	1.1	3
16	Finite element error estimates in non-energy norms for the two-dimensional scalar Signorini problem. <i>Numerische Mathematik</i> , 2020, 145, 513-551.	1.9	2