

Cristopher Hermosilla

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

58
citations

2258059

3
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Infinite horizon problems on stratifiable state-constraints sets. Journal of Differential Equations, 2015, 258, 1430-1460.	2.2	23
2	Hamiltonâ€“Jacobiâ€“Bellman equations for optimal control processes with convex state constraints. Systems and Control Letters, 2017, 109, 30-36.	2.3	16
3	The viability kernel of dynamical systems with mixed constraints: Aâ€“level-set approach. Systems and Control Letters, 2019, 127, 6-12.	2.3	4
4	Optimality conditions for the continuous model of the final open pit problem. Optimization Letters, 2021, 15, 991-1007.	1.6	3
5	Stratified discontinuous differential equations and sufficient conditions for robustness. Discrete and Continuous Dynamical Systems, 2015, 35, 4415-4437.	0.9	3
6	Legendre Transform and Applications to Finite and Infinite Optimization. Set-Valued and Variational Analysis, 2016, 24, 685-705.	1.1	2
7	An Algorithm for Maximizing the Biogas Production in a Chemostat. Journal of Optimization Theory and Applications, 2019, 182, 1150-1170.	1.5	2
8	Pareto Fronts of the Set of Sustainable Thresholds for Constrained Control Systems. Applied Mathematics and Optimization, 2021, 83, 1103-1121.	1.6	2
9	Self-dual approximations to fully convex impulsive systems. , 2016, , .		1
10	A Characteristic Method for Fully Convex Bolza Problems over Arcs of Bounded Variation. SIAM Journal on Control and Optimization, 2019, 57, 2873-2901.	2.1	1
11	Optimality Conditions for Linear-Convex Optimal Control Problems with Mixed Constraints. Journal of Optimization Theory and Applications, 0, , .	1.5	1
12	Constrained and impulsive Linear Quadratic control problems. IFAC-PapersOnLine, 2017, 50, 1637-1642.	0.9	0
13	On the construction of nearly time optimal continuous feedback laws around switching manifolds. ESAIM - Control, Optimisation and Calculus of Variations, 2020, 26, 4.	1.3	0
14	On the set of robust sustainable thresholds. Natural Resource Modelling, 0, , e12334.	2.0	0