

Ivan Yegorov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on Characteristics Based Curse-of-Dimensionality-Free Numerical Approaches for Solving Hamiltonâ€“Jacobi Equations. Applied Mathematics and Optimization, 2021, 83, 1-49.	1.6	24
2	Optimal control of bacterial growth for the maximization of metabolite production. Journal of Mathematical Biology, 2019, 78, 985-1032.	1.9	20
3	Maximization of viability time in a mathematical model of cancer therapy. Mathematical Biosciences, 2017, 294, 110-119.	1.9	13
4	Optimal feedback strategies for bacterial growth with degradation, recycling, and effect of temperature. Optimal Control Applications and Methods, 2018, 39, 1084-1109.	2.1	12
5	Optimal bounded noisy feedback control for damping random vibrations. JVC/Journal of Vibration and Control, 2018, 24, 1874-1888.	2.6	5
6	Optimal resource allocation for biotrophic plant pathogens * *This work was supported in part by the project FunFit ANR-13-BSV7-0011. IFAC-PapersOnLine, 2017, 50, 3154-3159.	0.9	4
7	Optimal resource allocation for bacterial growth with degradation * *This work was supported in part by the project RESET (Bioin-formatique, ANR-11-BINF-0005) and program LABEX SIGNALIFE (ANR-11-LABX-0028-01).. IFAC-PapersOnLine, 2017, 50, 9858-9863.	0.9	2
8	Exploiting Characteristics in Stationary Action Problems. Applied Mathematics and Optimization, 2021, 84, 733-765.	1.6	2
9	Global extension of local control Lyapunov functions via exit-time optimal control. , 2018, , .		1
10	Synthesis of control Lyapunov functions and stabilizing feedback strategies using exit-time optimal control PartI: Theory. Optimal Control Applications and Methods, 2021, 42, 1385-1409.	2.1	1
11	Synthesis of control Lyapunov functions and stabilizing feedback strategies using exit-time optimal control PartII: Numerical approach. Optimal Control Applications and Methods, 2021, 42, 1410-1440.	2.1	1
12	A Dynamic Game Approach to Uninvadable Strategies for Biotrophic Pathogens. Dynamic Games and Applications, 2020, 10, 257-296.	1.9	0
13	Characteristics in Optimal Control Computation. , 2021, , 205-214.		0
14	Characteristics in Optimal Control Computation. , 2020, , 1-10.		0