

Dmitry V Balandin

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of Pareto-Optimal Set in Multi-objective Minimax Problems. Communications in Computer and Information Science, 2021, , 260-272.	0.5	0
2	Pareto suboptimal H^{∞} controls with transients. , 2021, , .		0
3	Multi-objective robust generalised H_2 control. International Journal of Systems Science, 2020, 51, 1873-1882.	5.5	3
4	Ellipsoidal reachable sets of linear time-varying continuous and discrete systems in control and estimation problems. Automatica, 2020, 116, 108926.	5.0	7
5	Finite-horizon optimal control of maximal output deviations in LTV discrete-time systems. , 2019, , .		3
6	Optimal control of maximal output deviations over a finite horizon. , 2019, , .		1
7	Finite-horizon multi-objective generalized H_2 control with transients. Automatica, 2019, 106, 27-34.	5.0	23
8	Multi-objective generalized H_2 control. Automatica, 2019, 99, 317-322.	5.0	25
9	Multi-Objective Generalized H_2 Control for Optimal Protection from Vibration. , 2018, , .		1
10	Pareto Suboptimal Robust Controllers in Multi-Objective Generalized H_2 Problem. , 2018, , .		1
11	Pareto Optimal Generalized H_2 -Control and Optimal Protection from Vibration * *This work was supported by the Ministry of Education and Science of the Russian Federation through Agreement No. 14.578.21.0110 (RFMEFI57815X0110).. IFAC-PapersOnLine, 2017, 50, 4442-4447.	0.9	13
12	Pareto suboptimal controllers in multi-objective disturbance attenuation problems. Automatica, 2017, 84, 56-61.	5.0	19
13	Pareto suboptimal solutions in control and filtering problems under multiple deterministic and stochastic disturbances. , 2016, , .		8
14	LMI-based H^{∞} -optimal control with transients. International Journal of Control, 2010, 83, 1664-1673.	1.9	51
15	LMI based multi-objective control under multiple integral and output constraints. International Journal of Control, 2010, 83, 227-232.	1.9	13
16	Revisited LQ output-feedback control: minimax controller for a set of initial states. International Journal of Control, 2009, 82, 2051-2058.	1.9	15
17	Concept of a platform-based impact isolation system for protection of wheelchair occupants from injuries in vehicle crashes. Medical Engineering and Physics, 2008, 30, 258-267.	1.7	5
18	Attenuating oscillations in uncertain dynamic systems. Journal of Engineering Mathematics, 2006, 55, 299-312.	1.2	0

#	ARTICLE	IF	CITATIONS
19	LMI-based optimal attenuation of multi-storey building oscillations under seismic excitations. Structural Control and Health Monitoring, 2005, 12, 213-224.	4.0	23
20	Impact Isolation Limiting Performance Analysis for Three-Component Models. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2005, 127, 463-471.	1.6	1
21	An optimization algorithm for checking feasibility of robust H^∞ -control problem for linear time-varying uncertain systems. International Journal of Control, 2004, 77, 498-503.	1.9	12