

Chengdi Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

95
citations

1684188

5
h-index

1720034

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g-index

11
all docs

11
docs citations

11
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Approximate bang-bang control assisted rapid switching feedback stabilization for stochastic qubit systems. Journal of the Franklin Institute, 2022, 359, 2073-2091.	3.4	4
2	Guaranteed cost coherent control for quantum systems with non-quadratic perturbations in the system Hamiltonian. Automatica, 2022, 139, 110201.	5.0	5
3	Coherent H^{∞} Control for Linear Quantum Systems With Uncertainties in the Interaction Hamiltonian. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 432-440.	13.1	11
4	Robust Stability Control for a Class of Uncertain Quantum Systems Through Direct and Indirect Couplings. IEEE Access, 2020, 8, 157253-157260.	4.2	1
5	Static and dynamic coherent robust control for a class of uncertain quantum systems. Systems and Control Letters, 2020, 141, 104702.	2.3	6
6	Performance Analysis and Coherent Guaranteed Cost Control for Uncertain Quantum Systems Using Small Gain and Popov Methods. IEEE Transactions on Automatic Control, 2017, 62, 1524-1529.	5.7	23
7	Coherent robust control of linear quantum systems with uncertainties in the Hamiltonian and coupling operators. Automatica, 2017, 81, 8-21.	6.0	28
8	Coherent robust H^{∞} control of uncertain linear quantum stochastic systems. , 2015, , .		3
9	Guaranteed cost dynamic coherent control for a class of uncertain linear quantum systems. , 2015, , .		2
10	Performance analysis and coherent guaranteed cost control for uncertain quantum systems. , 2014, , .		8
11	A Popov approach to performance analysis and coherent guaranteed cost control for uncertain quantum systems. , 2014, , .		4