

Luc Bouten

List of Publications by Year in descending order

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13
papers

754
citations

1040056

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1125743

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docs citations

13
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	An Introduction to Quantum Filtering. <i>SIAM Journal on Control and Optimization</i> , 2007, 46, 2199-2241.	2.1	364
2	Stochastic Schrödinger equations. <i>Journal of Physics A</i> , 2004, 37, 3189-3209.	1.6	82
3	A Discrete Invitation to Quantum Filtering and Feedback Control. <i>SIAM Review</i> , 2009, 51, 239-316.	9.5	78
4	Approximation and limit theorems for quantum stochastic models with unbounded coefficients. <i>Journal of Functional Analysis</i> , 2008, 254, 3123-3147.	1.4	52
5	Bellman equations for optimal feedback control of qubit states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 151-160.	1.5	41
6	Physical model of continuous two-qubit parity measurement in a cavity-QED network. <i>Physical Review A</i> , 2009, 79, .	2.5	38
7	Optimality of Feedback Control Strategies for Qubit Purification. <i>Quantum Information Processing</i> , 2008, 7, 71-83.	2.2	30
8	Adiabatic Elimination in Quantum Stochastic Models. <i>Communications in Mathematical Physics</i> , 2008, 283, 491.	2.2	27
9	Fisher informations and local asymptotic normality for continuous-time quantum Markov processes. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 365301.	2.1	21
10	Discrete approximation of quantum stochastic models. <i>Journal of Mathematical Physics</i> , 2008, 49, .	1.1	8
11	Implementing quantum stochastic differential equations on a quantum computer. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	7
12	Quantum algorithm for simulating an experiment: Light interference from single ions and their mirror images. <i>Physical Review A</i> , 2019, 100, .	2.5	3
13	Asymptotic equivalence of quantum stochastic models. <i>Journal of Mathematical Physics</i> , 2019, 60, .	1.1	3