Luc Bouten

List of Publications by Year
in descending order

13 papers	754 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	371 citing authors

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