

Sofia Qvarfort

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

174
citations

1306789

7
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining modified gravity with quantum optomechanics. <i>New Journal of Physics</i> , 2022, 24, 033009.	1.2	5
2	Two-mode Schrödinger-cat states with nonlinear optomechanics: generation and verification of non-Gaussian mechanical entanglement. <i>Quantum Science and Technology</i> , 2022, 7, 035012.	2.6	8
3	Optimal estimation of time-dependent gravitational fields with quantum optomechanical systems. <i>Physical Review Research</i> , 2021, 3, .	1.3	13
4	Master-equation treatment of nonlinear optomechanical systems with optical loss. <i>Physical Review A</i> , 2021, 104, .	1.0	10
5	Optimal estimation with quantum optomechanical systems in the nonlinear regime. <i>Physical Review A</i> , 2020, 101, .	1.0	21
6	Time-evolution of nonlinear optomechanical systems: interplay of mechanical squeezing and non-Gaussianity. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 075304.	0.7	18
7	Mesoscopic entanglement through central-potential interactions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 235501.	0.6	27
8	Hydrogenic entanglement. <i>New Journal of Physics</i> , 2020, 22, 093062.	1.2	3
9	Enhanced continuous generation of non-Gaussianity through optomechanical modulation. <i>New Journal of Physics</i> , 2019, 21, 055004.	1.2	13
10	Gravimetry through non-linear optomechanics. <i>Nature Communications</i> , 2018, 9, 3690.	5.8	56