

Sofia Qvarfort

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8273259/publications.pdf>

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