

Matthias Zens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3233317/publications.pdf>

Version: 2024-02-01

8
papers

104
citations

1478458

6
h-index

1720014

7
g-index

8
all docs

8
docs citations

8
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralong relaxation times in bistable hybrid quantum systems. <i>Science Advances</i> , 2017, 3, e1701626.	10.3	31
2	Sustained photon pulse revivals from inhomogeneously broadened spin ensembles. <i>Laser and Photonics Reviews</i> , 2016, 10, 1023-1030.	8.7	17
3	Echo Trains in Pulsed Electron Spin Resonance of a Strongly Coupled Spin Ensemble. <i>Physical Review Letters</i> , 2020, 125, 137701.	7.8	16
4	Critical phenomena and nonlinear dynamics in a spin ensemble strongly coupled to a cavity. II. Semiclassical-to-quantum boundary. <i>Physical Review A</i> , 2019, 100, .	2.5	15
5	Variational Renormalization Group for Dissipative Spin-Cavity Systems: Periodic Pulses of Nonclassical Photons from Mesoscopic Spin Ensembles. <i>Physical Review Letters</i> , 2018, 121, 133601.	7.8	12
6	Critical phenomena and nonlinear dynamics in a spin ensemble strongly coupled to a cavity. I. Semiclassical approach. <i>Physical Review A</i> , 2019, 100, .	2.5	11
7	Superabsorption by time-reversing superradiance. <i>Nature Photonics</i> , 2021, 15, 251-252.	31.4	2
8	Periodic Cavity State Revivals from Atomic Frequency Combs. <i>Physical Review Letters</i> , 2021, 127, 180402.	7.8	0