

Matthias Zens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7 papers	68 citations	5 h-index	8 g-index
8 ext. papers	90 ext. citations	10.1 avg, IF	2.39 L-index

#	Paper	IF	Citations
7	Periodic Cavity State Revivals from Atomic Frequency Combs. <i>Physical Review Letters</i> , 2021 , 127, 180402	7.4	7
6	Echo Trains in Pulsed Electron Spin Resonance of a Strongly Coupled Spin Ensemble. <i>Physical Review Letters</i> , 2020 , 125, 137701	7.4	5
5	Critical phenomena and nonlinear dynamics in a spin ensemble strongly coupled to a cavity. I. Semiclassical approach. <i>Physical Review A</i> , 2019 , 100,	2.6	7
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,	2.6	9
3	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	7.4	7
2	Ultralong relaxation times in bistable hybrid quantum systems. <i>Science Advances</i> , 2017 , 3, e1701626	14.3	25
1	Sustained photon pulse revivals from inhomogeneously broadened spin ensembles. <i>Laser and Photonics Reviews</i> , 2016 , 10, 1023-1030	8.3	14