

Huijie Zheng

List of Publications by Year in descending order

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1040056

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docs citations

13
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-free magnetometry with nitrogen-vacancy centers in diamond. Applied Physics Letters, 2016, 109, .	3.3	88
2	Zero-Field Magnetometry Based on Nitrogen-Vacancy Ensembles in Diamond. Physical Review Applied, 2019, 11, .	3.8	58
3	Microwave-Free Vector Magnetometry with Nitrogen-Vacancy Centers along a Single Axis in Diamond. Physical Review Applied, 2020, 13, .	3.8	36
4	Eddy-Current Imaging with Nitrogen-Vacancy Centers in Diamond. Physical Review Applied, 2019, 11, .	3.8	24
5	Fiberized Diamond-Based Vector Magnetometers. Frontiers in Photonics, 2021, 2, .	2.4	18
6	Photoluminescence at the ground-state level anticrossing of the nitrogen-vacancy center in diamond: A comprehensive study. Physical Review B, 2021, 103, .	3.2	16
7	Battery Characterization via Eddy-Current Imaging with Nitrogen-Vacancy Centers in Diamond. Applied Sciences (Switzerland), 2021, 11, 3069.	2.5	16
8	Hyperfine level structure in nitrogen-vacancy centers near the ground-state level anticrossing. Physical Review B, 2019, 100, .	3.2	14
9	Level anti-crossing magnetometry with color centers in diamond. Proceedings of SPIE, 2017, , .	0.8	10
10	Determination of local defect density in diamond by double electron-electron resonance. Physical Review B, 2021, 104, .	3.2	10
11	High homogeneity permanent magnet for diamond magnetometry. Journal of Magnetic Resonance, 2021, 322, 106867.	2.1	6
12	Fundamentals of photoelectric readout of spin states in diamond. Semiconductors and Semimetals, 2021, , 105-147.	0.7	2
13	Novel Magnetic-Sensing Modalities with Nitrogen-Vacancy Centers in Diamond. , 0, , .		1