

Maximilian Ruf

List of Publications by Year in descending order

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9
papers

473
citations

1040056

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1474206

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all docs

9
docs citations

9
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum networks based on color centers in diamond. Journal of Applied Physics, 2021, 130, .	2.5	105
2	Near-term quantum-repeater experiments with nitrogen-vacancy centers: Overcoming the limitations of direct transmission. Physical Review A, 2019, 99, .	2.5	88
3	Optical coherence of diamond nitrogen-vacancy centers formed by ion implantation and annealing. Physical Review B, 2019, 99, .	3.2	75
4	Fabry-Perot microcavity for diamond-based photonics. Physical Review A, 2015, 92, .	2.5	61
5	Optically Coherent Nitrogen-Vacancy Centers in Micrometer-Thin Etched Diamond Membranes. Nano Letters, 2019, 19, 3987-3992.	9.1	59
6	Resonant Excitation and Purcell Enhancement of Coherent Nitrogen-Vacancy Centers Coupled to a Fabry-Perot Microcavity. Physical Review Applied, 2021, 15, .	3.8	39
7	High mechanical bandwidth fiber-coupled Fabry-Perot cavity. Optics Express, 2017, 25, 20932.	3.4	19
8	Optimal design of diamond-air microcavities for quantum networks using an analytical approach. New Journal of Physics, 2018, 20, 115004.	2.9	17
9	Directional Excitation of a High-Density Magnon Gas Using Coherently Driven Spin Waves. Nano Letters, 2021, 21, 8213-8219.	9.1	10