

Maximilian Ruf

List of Publications by Year in descending order

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papers

473
citations

1040056

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1474206

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9
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577
citing authors

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