

Daniel Rugar

List of Publications by Year in descending order

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10
papers

1,636
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1959
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale Nuclear Magnetic Resonance with a Nitrogen-Vacancy Spin Sensor. <i>Science</i> , 2013, 339, 557-560.	12.6	661
2	Nanoscale magnetic resonance imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1313-1317.	7.1	441
3	Proton magnetic resonance imaging using a nitrogen-vacancy spin sensor. <i>Nature Nanotechnology</i> , 2015, 10, 120-124.	31.5	124
4	Decoherence of Near-Surface Nitrogen-Vacancy Centers Due to Electric Field Noise. <i>Physical Review Letters</i> , 2015, 115, 087602.	7.8	93
5	Multipulse Double-Quantum Magnetometry with Near-Surface Nitrogen-Vacancy Centers. <i>Physical Review Letters</i> , 2014, 113, 030803.	7.8	71
6	Detecting external electron spins using nitrogen-vacancy centers. <i>Physical Review B</i> , 2012, 86, .	3.2	69
7	Role of Spin Noise in the Detection of Nanoscale Ensembles of Nuclear Spins. <i>Physical Review Letters</i> , 2007, 99, 250601.	7.8	66
8	Spurious Harmonic Response of Multipulse Quantum Sensing Sequences. <i>Physical Review X</i> , 2015, 5, .	8.9	56
9	Effect of oxygen plasma and thermal oxidation on shallow nitrogen-vacancy centers in diamond. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	31
10	Merged-Element Transmons: Design and Qubit Performance. <i>Physical Review Applied</i> , 2021, 16, .	3.8	24