

Daniel Rugar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8534241/publications.pdf>

Version: 2024-02-01

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