

Kapildeb Ambal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5220201/publications.pdf>

Version: 2024-02-01

10
papers

365
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

673
citing authors

#	ARTICLE	IF	CITATIONS
1	Forty-fold Speedup of NV ⁰ Center Magnetometry with Sequential Bayesian Experiment Design. , 2021, , .		0
2	Sequential Bayesian Experiment Design for Optically Detected Magnetic Resonance of Nitrogen-Vacancy Centers. Physical Review Applied, 2020, 14, .	3.8	20
3	A differential rate meter for real-time peak tracking in optically detected magnetic resonance at low photon count rates. Review of Scientific Instruments, 2019, 90, 023907.	1.3	13
4	In situ absolute magnetometry in an UHV scanning probe microscope using conducting polymer-thin film. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, 021602.	2.1	0
5	Separating hyperfine from spin-orbit interactions in organic semiconductors by multi-octave magnetic resonance using coplanar waveguide microresonators. Applied Physics Letters, 2016, 109, .	3.3	28
6	Electrical current through individual pairs of phosphorus donor atoms and silicon dangling bonds. Scientific Reports, 2016, 6, 18531.	3.3	8
7	Spin-Relaxation Dynamics of E ⁺ Centers at High Density in SiO ₂ Thin Films for Single-Spin Tunneling Force Microscopy. Physical Review Applied, 2015, 4, .	3.8	3
8	Atomic-resolution single-spin magnetic resonance detection concept based on tunneling force microscopy. Physical Review B, 2015, 91, .	3.2	6
9	Ceramide Mediates Vascular Dysfunction in Diet-Induced Obesity by PP2A-Mediated Dephosphorylation of the eNOS-Akt Complex. Diabetes, 2012, 61, 1848-1859.	0.6	193
10	Robust absolute magnetometry with organic thin-film devices. Nature Communications, 2012, 3, 898.	12.8	94