

Susanne Baumann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4225590/publications.pdf>

Version: 2024-02-01

9
papers

1,470
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Bistability in Atomic-Scale Antiferromagnets. <i>Science</i> , 2012, 335, 196-199.	12.6	566
2	Reaching the magnetic anisotropy limit of a 3 <i>d</i> metal atom. <i>Science</i> , 2014, 344, 988-992.	12.6	311
3	Electron paramagnetic resonance of individual atoms on a surface. <i>Science</i> , 2015, 350, 417-420.	12.6	280
4	Origin of Perpendicular Magnetic Anisotropy and Large Orbital Moment in Fe Atoms on MgO. <i>Physical Review Letters</i> , 2015, 115, 237202.	7.8	99
5	Control of the millisecond spin lifetime of an electrically probed atom. <i>Nature Physics</i> , 2017, 13, 403-407.	16.7	97
6	Generation of constant-amplitude radio-frequency sweeps at a tunnel junction for spin resonance STM. <i>Review of Scientific Instruments</i> , 2016, 87, 074703.	1.3	40
7	Measuring the Three-Dimensional Structure of Ultrathin Insulating Films at the Atomic Scale. <i>ACS Nano</i> , 2014, 8, 1739-1744.	14.6	35
8	Pasteur's Experiment Performed at the Nanoscale: Manual Separation of Chiral Molecules, One by One. <i>Nano Letters</i> , 2015, 15, 5388-5392.	9.1	34
9	Quantum stochastic resonance of individual Fe atoms. <i>Science Advances</i> , 2021, 7, .	10.3	8