

Yujeong Bae

List of Publications by Year in descending order

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11
papers

592
citations

840776

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1281871

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12
all docs

12
docs citations

12
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing the Quantum Behavior of Spins on Surfaces. <i>Advanced Materials</i> , 2023, 35, e2107534.	21.0	16
2	Probing resonating valence bond states in artificial quantum magnets. <i>Nature Communications</i> , 2021, 12, 993.	12.8	26
3	Spin resonance amplitude and frequency of a single atom on a surface in a vector magnetic field. <i>Physical Review B</i> , 2021, 104, .	3.2	16
4	Magnetic resonance imaging of single atoms on a surface. <i>Nature Physics</i> , 2019, 15, 1005-1010.	16.7	47
5	Coherent spin manipulation of individual atoms on a surface. <i>Science</i> , 2019, 366, 509-512.	12.6	109
6	Tuning the Exchange Bias on a Single Atom from 1ÂmT to 10ÂT. <i>Physical Review Letters</i> , 2019, 122, 227203.	7.8	54
7	Probing quantum coherence in single-atom electron spin resonance. <i>Science Advances</i> , 2018, 4, eaaq1543.	10.3	78
8	Enhanced quantum coherence in exchange coupled spins via singlet-triplet transitions. <i>Science Advances</i> , 2018, 4, eaau4159.	10.3	54
9	Electrically controlled nuclear polarization of individual atoms. <i>Nature Nanotechnology</i> , 2018, 13, 1120-1125.	31.5	39
10	Hyperfine interaction of individual atoms on a surface. <i>Science</i> , 2018, 362, 336-339.	12.6	74
11	Engineering the Eigenstates of Coupled Spin- $\frac{1}{2}$ Atoms on a Surface. <i>Physical Review Letters</i> , 2017, 119, 227206.	7.8	78