

Yujeong Bae

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

592
citations

840776

11
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent spin manipulation of individual atoms on a surface. <i>Science</i> , 2019, 366, 509-512.	12.6	109
2	Engineering the Eigenstates of Coupled Spin- $\frac{1}{2}$ Atoms on a Surface. <i>Physical Review Letters</i> , 2017, 119, 227206.	7.8	78
3	Probing quantum coherence in single-atom electron spin resonance. <i>Science Advances</i> , 2018, 4, eaag1543.	10.3	78
4	Hyperfine interaction of individual atoms on a surface. <i>Science</i> , 2018, 362, 336-339.	12.6	74
5	Enhanced quantum coherence in exchange coupled spins via singlet-triplet transitions. <i>Science Advances</i> , 2018, 4, eaau4159.	10.3	54
6	Tuning the Exchange Bias on a Single Atom from 1 mT to 10 mT. <i>Physical Review Letters</i> , 2019, 122, 227203.	7.8	54
7	Magnetic resonance imaging of single atoms on a surface. <i>Nature Physics</i> , 2019, 15, 1005-1010.	16.7	47
8	Electrically controlled nuclear polarization of individual atoms. <i>Nature Nanotechnology</i> , 2018, 13, 1120-1125.	31.5	39
9	Probing resonating valence bond states in artificial quantum magnets. <i>Nature Communications</i> , 2021, 12, 993.	12.8	26
10	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
11	Harnessing the Quantum Behavior of Spins on Surfaces. <i>Advanced Materials</i> , 2023, 35, e2107534.	21.0	16