

# Kun Jiang

## List of Publications by Year in descending order

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36  
papers

2,402  
citations

331670

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361022

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39  
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39  
docs citations

39  
times ranked

1804  
citing authors



#	ARTICLE	IF	CITATIONS
19	Correlated insulating phases of twisted bilayer graphene at commensurate filling fractions: A Hartree-Fock study. <i>Physical Review B</i> , 2020, 102, .	3.2	107
20	Quantum-limit Chern topological magnetism in TbMn6Sn6. <i>Nature</i> , 2020, 583, 533-536.	27.8	253
21	Fermion-boson many-body interplay in a frustrated kagome paramagnet. <i>Nature Communications</i> , 2020, 11, 4003.	12.8	35
22	Orbital-selective Dirac fermions and extremely flat bands in frustrated kagome-lattice metal CoSn. <i>Nature Communications</i> , 2020, 11, 4002.	12.8	121
23	Atomic line defects and zero-energy end states in monolayer Fe(Te,Se) high-temperature superconductors. <i>Nature Physics</i> , 2020, 16, 536-540.	16.7	78
24	Field-free platform for Majorana-like zero mode in superconductors with a topological surface state. <i>Physical Review B</i> , 2020, 101, .	3.2	22
25	Switching of the magnetic anisotropy via strain in two dimensional multiferroic materials: CrSX (X=Cl, Br, I). <i>Applied Physics Letters</i> , 2020, 116, .	3.3	40
26	Unconventional high temperature superconductivity in cubic zinc-blende transition metal compounds. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	7
27	Negative flat band magnetism in a spin-orbit-coupled correlated kagome magnet. <i>Nature Physics</i> , 2019, 15, 443-448.	16.7	283
28	Quantum Anomalous Vortex and Majorana Zero Mode in Iron-Based Superconductor Fe(Te,Se). <i>Physical Review X</i> , 2019, 9, .	8.9	44
29	Antiferromagnetic Chern Insulators in Noncentrosymmetric Systems. <i>Physical Review Letters</i> , 2018, 120, 157205.	7.8	36
30	Nodeless High-Tc Superconductivity in the Highly Overdoped Monolayer. <i>Physical Review Letters</i> , 2018, 121, 227002.	7.8	31
31	Giant and anisotropic many-body spin-orbit tunability in a strongly correlated kagome magnet. <i>Nature</i> , 2018, 562, 91-95.	27.8	255
32	Correlation Effects and Hidden Spin-Orbit Entangled Electronic Order in Parent and Electron-Doped Iridates. <i>Physical Review X</i> , 2017, 7, .	8.9	27
33	Interatomic Coulomb interaction and electron nematic bond order in FeSe. <i>Physical Review B</i> , 2016, 93, .	3.2	72
34	Chiral Spin Density Wave Order on the Frustrated Honeycomb and Bilayer Triangle Lattice Hubbard Model at Half-Filling. <i>Physical Review Letters</i> , 2015, 114, 216402.	7.8	14
35	Textured electronic states of the triangular-lattice Hubbard model and Na <sub>2</sub> X <sub>2</sub> M <sub>1</sub>		
36	Gapless vortex bound states in superconducting topological semimetals. <i>National Science Review</i> , 0, , .	9.5	2