Jun Ishizuka

List of Publications by Year
in descending order

16	484	1163117 8	1125743 13
papers	citations	h-index	g-index

16	16	16	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of superconducting diode effect. Nature, 2020, 584, 373-376.	27.8	211
2	Insulator-Metal Transition and Topological Superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>UTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m from a First-Principles Calculation. Physical Review Letters, 2019, 123, 217001.	7.8	70
3	Field-free superconducting diode effect in noncentrosymmetric superconductor/ferromagnet multilayers. Nature Nanotechnology, 2022, 17, 823-828.	31.5	45
4	Periodic Anderson model for magnetism and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>UTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mm Physical Review B, 2021, 103, .	3.2	48
5	First Observation of the de Haasâ€“van Alphen Effect and Fermi Surfaces in the Unconventional Superconductor UTe₂. Journal of the Physical Society of Japan, 2022, 91, .	1.6	29
6	Topological crystalline superconductivity in locally noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRh</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review Research, 2021, 3, .	3.6	28
7	A High-T_c Mechanism of Iron Pnictide Superconductivity due to Cooperation of Ferro-Orbital and Antiferromagnetic Fluctuations. Journal of the Physical Society of Japan, 2014, 83, 043704.	1.6	15
8	Superconductivity in monolayer FeSe enhanced by quantum geometry. Physical Review Research, 2022, 4, .	3.6	11
9	Local Correlation Effects on the s_{Â±}- and s₊₊-Wave Superconductivities Mediated by Magnetic and Orbital Fluctuations in the Five-Orbital Hubbard Model for Iron Pnictides. Journal of the Physical Society of Japan, 2013, 82, 123712.	1.6	8
10	Fermi Surface, Pressure-Induced Antiferromagnetic Order, and Superconductivity in FeSe. Journal of the Physical Society of Japan, 2018, 87, 014705.	1.6	8
11	Thermodynamic electric quadrupole moments of nematic phases from first-principles calculations. Physical Review B, 2021, 103, .	3.2	6
12	Metalâ€“Insulator Transition and Superconductivity in the Two-Orbital Hubbardâ€“Holstein Model for Iron-Based Superconductors. Journal of the Physical Society of Japan, 2014, 83, 044711.	1.6	4
13	Hole-s_{Â±} State Induced by Coexisting Ferro- and Antiferromagnetic and Antiferro-orbital Fluctuations in Iron Pnictides. Journal of the Physical Society of Japan, 2016, 85, 114709.	1.6	2
14	First-Principles Study and Orbital-Fluctuation Effect on the Superconductivity in Tungsten Bronze AxWO3. , 2020, , .		2
15	Dynamical Mean-Field Study on the Superconductivity Mediated by Spin and Orbital Fluctuations in the Five-Orbital Hubbard Model for Iron Pnictides. , 2014, , .		1
16	Publisherâ€™s Note: A High-Tc Mechanism of Iron Pnictide Superconductivity due to Cooperation of Ferro-Orbital and Antiferromagnetic Fluctuations [J. Phys. Soc. Jpn. 83, 043704 (2014)]. Journal of the Physical Society of Japan, 2014, 83, 068001.	1.6	0