King Yau Yip

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3080608/publications.pdf

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12	324	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maximizing T c by tuning nematicity and magnetism in FeSe1â^'x S x superconductors. Nature Communications, 2017, 8, 1143.	12.8	88
2	Measuring magnetic field texture in correlated electron systems under extreme conditions. Science, 2019, 366, 1355-1359.	12.6	62
3	Quasilinear quantum magnetoresistance in pressure-induced nonsymmorphic superconductor chromium arsenide. Nature Communications, 2017, 8, 15358.	12.8	36
4	Spectroscopic fingerprint of chiral Majorana modes at the edge of a quantum anomalous Hall insulator/superconductor heterostructure. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 238-242.	7.1	22
5	Nearly isotropic superconductivity in the layered Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></ at 98.5 kbar. Physical Review B, 2017, 96, .	3.2	18
6	Anisotropic two-gap superconductivity and the absence of a Pauli paramagnetic limit in single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaO</mml:mi><mml:mrow><mml:mn>0.5</ mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiS</mml:m Physical Review B, 2018, 97, .	3.2	18
7	Weakening of the diamagnetic shielding in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeSe</mml:mi><mml:mrow><mml:mn>1</ mathvariant="normal">S</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math> at high pressures. Physical Review B, 2017, 96, .	3.2	17
8	Probing Local Pressure Environment in Anvil Cells with Nitrogen-Vacancy (N- <mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 472 Td (x Centers in Diamond. Physical Review Applied, 2020, 13, .	3.8	16
9	Detection of Hole Pockets in the Candidate Type-II Weyl Semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> from Shubnikovâ€“de Haas Quantum Oscillations. Physical Review Letters, 2020, 124, 076402.	7.8	15
10	Angular dependence of the upper critical field in the high-pressure <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:msup><mml:mi>T</mml:mi><mml:mo phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review Materials, 2019, 3, .	2.4	14
11	Recent developments of quantum sensing under pressurized environment using the nitrogen vacancy (NV) center in diamond. Journal of Applied Physics, 2021, 129, 241101.	2.5	10
12	Linear magnetoresistance with a universal energy scale in the strong-coupling superconductor Mo8Ga41 without quantum criticality. Physical Review B, 2020, 102, .	3.2	4