

Yun Suk Eo

List of Publications by Year in descending order

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16
papers

795
citations

759233

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940533

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16
docs citations

16
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional Fermi surfaces in Kondo insulator SmB ₆ . Science, 2014, 346, 1208-1212.	12.6	252
2	Extreme magnetic field-boosted superconductivity. Nature Physics, 2019, 15, 1250-1254.	16.7	138
3	Multicomponent superconducting order parameter in UTe ₂ . Science, 2021, 373, 797-801.	12.6	83
4	Point-node gap structure of the spin-triplet superconductor UTe ₂ . Physical Review B, 2019, 100, .	3.2	48
5	Enhancement and reentrance of spin triplet superconductivity in UTe ₂ under pressure. Physical Review B, 2020, 101, .	3.2	48
6	Magnetotransport measurements of the surface states of samarium hexaboride using Corbino structures. Physical Review B, 2015, 92, .	3.2	39
7	Anomalous normal fluid response in a chiral superconductor UTe ₂ . Nature Communications, 2021, 12, 2644.	12.8	38
8	Transport gap in SmB ₆ protected against disorder. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12638-12641.	7.1	35
9	Quantum-critical scale invariance in a transition metal alloy. Communications Physics, 2020, 3, .	5.3	22
10	Topologically driven linear magnetoresistance in helimagnetic FeP. Npj Quantum Materials, 2021, 6, .	5.2	18
11	Comprehensive surface magnetotransport study of SmB ₆ . Physical Review B, 2020, 101, .	3.2	12
12	Evidence of electronic cloaking from chiral electron transport in bilayer graphene nanostructures. Physical Review B, 2016, 94, .	3.2	12
13	Reduction of the low-temperature bulk gap in samarium hexaboride under high magnetic fields. Physical Review B, 2017, 95, .	3.2	10
14	Bulk transport paths through defects in floating zone and Al flux grown SmB ₆ . Physical Review Materials, 2021, 5, .	1.2	4
15	Influence of helical spin structure on the magnetoresistance of an ideal topological insulator. Journal of Physics Communications, 2017, 1, 035005.	1.2	4
16	Investigation of High-Temperature Bulk Transport Characteristics and Skew Scattering in Samarium Hexaboride. Journal of Superconductivity and Novel Magnetism, 2020, 33, 265-268.	1.8	3