Koji Kobayashi

List of Publications by Year
in descending order

16 papers	360 citations	1307594 7 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	413 citing authors

#	Article	IF	Citations
1	Intrinsic and Extrinsic Anomalous Hall Effects in Disordered Magnetic Weyl Semimetal. Journal of the Physical Society of Japan, 2022, 91, .	1.6	0
2	Wannier-based implementation of the coherent potential approximation with applications to Fe-based transition metal alloys. Physical Review B, 2022, 105, .	3.2	1
3	Magnetic Orderings from Spinâ€“Orbit Coupled Electrons on Kagome Lattice. Journal of the Physical Society of Japan, 2022, 91, .	1.6	3
4	Quantum Hall effect induced by chiral Landau levels in topological semimetal films. Physical Review B, 2021, 104, .	3.2	4
5	Ferromagnetic-electrodes-induced Hall effect in topological Dirac semimetals. Physical Review Research, 2021, 3, .	3.6	2
6	Ballistic transport in disordered Dirac and Weyl semimetals. Physical Review Research, 2020, 2, .	3.6	4
7	Robust magnetotransport in disordered ferromagnetic kagome layers with quantum anomalous Hall effect. Physical Review B, 2019, 100, .	3.2	7
8	Helicity-Protected Domain-Wall Magnetoresistance in Ferromagnetic Weyl Semimetal. Journal of the Physical Society of Japan, 2018, 87, 073707.	1.6	16
9	Anisotropic magnetotransport in Dirac-Weyl magnetic junctions. Physical Review B, 2017, 95, .	3.2	9
10	Comparative study of Weyl semimetal and topological/Chern insulators: Thin-film point of view. Physical Review B, 2016, 94, .	3.2	17
11	Modification and Control of Topological Insulator Surface States Using Surface Disorder. Physical Review Applied, 2015, 3, .	3.8	29
12	Dimensional crossover of transport characteristics in topological insulator nanofilms. Physical Review B, 2015, 92, .	3.2	17
13	Engineering Dirac electrons emergent on the surface of a topological insulator. Science and Technology of Advanced Materials, 2015, 16, 014403.	6.1	2
14	Density of States Scaling at the Semimetal to Metal Transition in Three Dimensional Topological Insulators. Physical Review Letters, 2014, 112, 016402.	7.8	145
15	Disordered Weak and Strong Topological Insulators. Physical Review Letters, 2013, 110, 236803.	7.8	97
16	Point-Contact Conductance in Asymmetric Chalkerâ€“Coddington Network Model. Journal of the Physical Society of Japan, 2009, 78, 084708.	1.6	6