

Koji Kobayashi

List of Publications by Year in descending order

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16
papers

360
citations

1307594

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h-index

996975

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17
all docs

17
docs citations

17
times ranked

413
citing authors

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