

Kenta Kuroda

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,395
citations

331259

21
h-index

329751

37
g-index

43
all docs

43
docs citations

43
times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipole polaron in the devil's staircase of CeSb. Nature Materials, 2022, 21, 410-415.	13.3	9
2	Selective observation of surface and bulk bands in polar WTe_2 by laser-based spin- and angle-resolved photoemission spectroscopy. Physical Review B, 2022, 105, .	1.1	0
3	Visualization of optical polarization transfer to photoelectron spin vector emitted from a spin-orbit coupled surface state. Physical Review B, 2022, 105, .	1.1	16
4	Large anomalous Hall effect induced by weak ferromagnetism in the noncentrosymmetric antiferromagnet $CoNb_3S_6$. Physical Review B, 2022, 105, .	5.8	43
5	Observation and control of the weak topological insulator state in $ZrTe_5$. Nature Communications, 2021, 12, 406.	13.3	98
6	Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains. Nature Materials, 2021, 20, 473-479.	4.5	9
7	Spatial Control of Charge Doping in n-Type Topological Insulators. Nano Letters, 2021, 21, 4415-4422.	13.3	57
8	Visualization of the strain-induced topological phase transition in a quasi-one-dimensional superconductor TaSe ₃ . Nature Materials, 2021, 20, 1093-1099.	1.1	1
9	Scaling law for Rashba-type spin splitting in quantum-well films. Physical Review B, 2021, 104, .	6.0	25
10	Observation of small Fermi pockets protected by clean CuO sheets of a high- T_c superconductor. Science, 2020, 369, 833-838.	5.8	21
11	Devil's staircase transition of the electronic structures in CeSb. Nature Communications, 2020, 11, 2888.	1.9	2
12	Topological Surface State of Bi_2Se_3 Modified by Adsorption of Organic Donor Molecule Tetrathianaphthacene. Advanced Materials Interfaces, 2020, 7, 2000524.	1.1	26
13	Three-dimensional electronic structure in ferromagnetic Fe_3Sn_2 with breathing kagome bilayers. Physical Review B, 2020, 101, .	1.3	13
14	Fully spin-polarized bulk states in ferroelectric GeTe. Physical Review Research, 2020, 2, .	1.1	5
15	Experimental verification of a temperature-induced topological phase transition in $TlBiS_2$ and $TlBi$. Physical Review B, 2020, 102, .	2.9	14
16	Coexistence of Two Types of Spin Splitting Originating from Different Symmetries. Physical Review Letters, 2019, 122, 126403.	1.1	5
17	Low-energy electron-mode couplings in the surface bands of $Sr_2Cr_2O_7$ revealed by laser-based angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	6.5	170
18	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.		

#	ARTICLE	IF	CITATIONS
37	Optically detecting the edge-state of a three-dimensional topological insulator under ambient conditions by ultrafast infrared photoluminescence spectroscopy. Scientific Reports, 2015, 5, 16443.	1.6	4
38	Ultrafast electron dynamics at the Dirac node of the topological insulator Sb ₂ Te ₃ . Scientific Reports, 2015, 5, 13213.	1.6	60
39	Experimental Evidence of Hidden Topological Surface States in PbBi_4Te_3 . Physical Review Letters, 2013, 111, 206803.	2.9	39
40	Experimental verification of the surface termination in the topological insulator TlBiSe ₂ using core-level photoelectron spectroscopy and scanning tunneling microscopy. Physical Review B, 2013, 88, .	1.1	24
41	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. Review of Scientific Instruments, 2011, 82, 103302.	0.6	101