

# Takeshi Kondo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4268923/publications.pdf>

Version: 2024-02-01

62  
papers

4,619  
citations

159585

30  
h-index

133252

59  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipole polaron in the devil's staircase of CeSb. Nature Materials, 2022, 21, 410-415.	27.5	9
2	Selective observation of surface and bulk bands in polar WTe <sub>2</sub> by laser-based spin- and angle-resolved photoemission spectroscopy. Physical Review B, 2022, 105, .	3.2	0
3	Visualization of optical polarization transfer to photoelectron spin vector emitted from a spin-orbit coupled surface state. Physical Review B, 2022, 105, .	3.2	16
4	Large anomalous Hall effect induced by weak ferromagnetism in the noncentrosymmetric antiferromagnet CoNb <sub>3</sub> S <sub>6</sub> . Physical Review B, 2022, 105, .	21.2	29
5	Angle-resolved photoemission spectroscopy. Nature Reviews Methods Primers, 2022, 2, .	12.8	43
6	Observation and control of the weak topological insulator state in ZrTe <sub>5</sub> . Nature Communications, 2021, 12, 406.	27.5	98
7	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.	7.1	3
8	Anomalous vortex liquid in charge-ordered cuprate superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2016275118.	3.2	22
9	Itinerant ferromagnetism mediated by giant spin polarization of the metallic ligand band in the van der Waals magnet Fe <sub>3</sub> Y <sub>2</sub> . Physical Review B, 2021, 103, .	16.7	48
10	Reduced Hall carrier density in the overdoped strange metal regime of cuprate superconductors. Nature Physics, 2021, 17, 826-831.	27.5	57
11	Visualization of the strain-induced topological phase transition in a quasi-one-dimensional superconductor TaSe <sub>3</sub> . Nature Materials, 2021, 20, 1093-1099.	27.8	57
12	Incoherent transport across the strange-metal regime of overdoped cuprates. Nature, 2021, 595, 661-666.	3.2	1
13	Scaling law for Rashba-type spin splitting in quantum-well films. Physical Review B, 2021, 104, .	12.8	84
14	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	12.6	25
15	Observation of small Fermi pockets protected by clean CuO <sub>2</sub> sheets of a high- <i>T<sub>c</sub></i> superconductor. Science, 2020, 369, 833-838.	7.8	76
16	Radial Spin Texture in Elemental Tellurium with Chiral Crystal Structure. Physical Review Letters, 2020, 124, 136404.	3.2	26
17	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb <sub>2</sub> . Physical Review B, 2020, 101, .	3.2	15
18	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .		

#	ARTICLE	IF	CITATIONS
19	Density Wave Probes Cuprate Quantum Phase Transition. <i>Physical Review X</i> , 2019, 9, .	8.9	11
20	Low-energy electron-mode couplings in the surface bands of $\text{Sr}_2\text{RuO}_4$ revealed by laser-based angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2019, 99, .	22	16
21	A weak topological insulator state in quasi-one-dimensional bismuth iodide. <i>Nature</i> , 2019, 566, 518-522.	27.8	119
22	Multiple topological states in iron-based superconductors. <i>Nature Physics</i> , 2019, 15, 41-47.	16.7	170
23	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. <i>Physical Review Letters</i> , 2018, 120, 086402.	7.8	50
24	Observation of topological superconductivity on the surface of an iron-based superconductor. <i>Science</i> , 2018, 360, 182-186.	12.6	500
25	Experimental Methods for Spin- and Angle-Resolved Photoemission Spectroscopy Combined with Polarization-Variable Laser. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
26	Direct mapping of spin and orbital entangled wave functions under interband spin-orbit coupling of giant Rashba spin-split surface states. <i>Physical Review B</i> , 2017, 95, .	3.2	33
27	Evidence for magnetic Weyl fermions in a correlated metal. <i>Nature Materials</i> , 2017, 16, 1090-1095.	27.5	450
28	Signatures of a time-reversal symmetric Weyl semimetal with only four Weyl points. <i>Nature Communications</i> , 2017, 8, 942.	12.8	98
29	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. <i>Science Advances</i> , 2017, 3, e1700466.	10.3	17
30	Discovery of a new type of topological Weyl fermion semimetal state in $\text{Mo}_x\text{W}_{1-x}\text{Te}_2$ . <i>Nature Communications</i> , 2016, 7, 13643.	12.8	163
31	Carrier Concentration Dependence of Superconducting Gap of $\text{Bi}_2(\text{Sr},\text{La})_2\text{CuO}_6+\delta$ . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 104710.	1.6	4
32	Spin Polarization and Texture of the Fermi Arcs in the Weyl Fermion Semimetal TaAs. <i>Physical Review Letters</i> , 2016, 116, 096801.	7.8	102
33	Spin texture in type-II Weyl semimetal $\text{WTe}_2$ . <i>Physical Review B</i> , 2016, 94, .	22	13
34	Coherent control over three-dimensional spin polarization for the spin-orbit coupled surface state of $\text{Bi}_2\text{Te}_3$ . <i>Physical Review B</i> , 2016, 94, .	32	30
35	Pairing, pseudogap and Fermi arcs in cuprates. <i>Philosophical Magazine</i> , 2015, 95, 453-466.	1.6	33
36	Point nodes persisting far beyond $T_c$ in $\text{Bi}_2\text{Te}_3$ . <i>Nature Communications</i> , 2015, 6, 7699.	12.8	82

#	ARTICLE	IF	CITATIONS
37	Evidence of a universal relation between electron-mode coupling and $T_c$ in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	3.2	5
38	Formation of Gapless Fermi Arcs and Fingerprints of Order in the Pseudogap State of Cuprate Superconductors. Physical Review Letters, 2013, 111, 157003.	7.8	70
39	Anomalous doping variation of the nodal low-energy feature of superconducting $\text{Pb}_{1-x}\text{Sr}_x\text{La}_{1-x}\text{Ti}_{2-x}\text{FeO}_{6+\delta}$ . Physical Review B, 2010, 82, .	7.8	10
40	Disentangling Cooper-pair formation above the transition temperature from the pseudogap state in the cuprates. Nature Physics, 2011, 7, 21-25.	16.7	169
41	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. Nature Physics, 2010, 6, 419-423.	16.7	237
42	Suppression of the antinodal coherence of superconducting $(\text{Bi,Pb})_2(\text{Sr,L a})_2\text{CuO}_{6+\delta}$ as revealed by muon spin rotation and angle-resolved photoemission. Physical Review B, 2010, 82, .	3.2	13
43	Anomalies in the Fermi Surface and Band Dispersion of Quasi-One-Dimensional $\text{CuO}$ Chains in the High-Temperature Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$ . Physical Review Letters, 2010, 105, 267003.	7.8	15
44	Unexpected Fermi-surface nesting in the pnictide parent compounds $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$ and $\text{CaFe}_{1-x}\text{Co}_x\text{As}_2$ . Physical Review B, 2010, 81, .	3.2	76
45	Zero-field superfluid density in a $d$ -wave superconductor evaluated from muon-spin-rotation experiments in the vortex state. Physical Review B, 2009, 79, .	3.2	14
46	Superfluid Density and Angular Dependence of the Energy Gap in Optimally Doped $(\text{BiPb})_2(\text{SrLa})_2\text{CuO}_{6+\delta}$ . Journal of Superconductivity and Novel Magnetism, 2009, 22, 189-193.	1.8	0
47	Competition between the pseudogap and superconductivity in the high- $T_c$ copper oxides. Nature, 2009, 457, 296-300.	27.8	231
48	Imaging nanoscale Fermi-surface variations in an inhomogeneous superconductor. Nature Physics, 2009, 5, 213-216.	16.7	81
49	Anomalous asymmetry in the Fermi surface of the high-temperature superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$ revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2009, 80, .	3.2	14
50	Charge-density-wave origin of cuprate checkerboard visualized by scanning tunnelling microscopy. Nature Physics, 2008, 4, 696-699.	16.7	321
51	Visualization of the interplay between high-temperature superconductivity, the pseudogap and impurity resonances. Nature Physics, 2008, 4, 108-111.	16.7	26
52	Momentum Dependence of the Superconducting Gap in $\text{NdFeAsO}_{1-x}\text{F}_x$ Single Crystals Measured by Angle Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 147003.	17.8	239
53	Origins of large critical temperature variations in single-layer cuprates. Physical Review B, 2008, 78, .	3.2	10
54	Direct observation of a Fermi surface and superconducting gap in $\text{LuNi}_2\text{O}_4$ . Physical Review B, 2008, 77, .	3.2	14

#	ARTICLE	IF	CITATIONS
55	Dual Character of the Electronic Structure of YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> : The Conduction Bands of CuO <sub>2</sub> Planes and CuO Chains. Physical Review Letters, 2007, 98, 157002.	7.8	17
56	Evidence for Two Energy Scales in the Superconducting State of Optimally Doped (Bi,Pb) <sub>2</sub> (Sr,La) <sub>2</sub> CuO <sub>6+δ</sub> . Physical Review Letters, 2007, 98, 267004.	7.8	174
57	Imaging the two gaps of the high-temperature superconductor Bi <sub>2</sub> Sr <sub>2</sub> CuO <sub>6+x</sub> . Nature Physics, 2007, 3, 802-806.	16.7	193
58	Electrical resistivity and scattering processes in (Bi,Pb) <sub>2</sub> (Sr,La) <sub>2</sub> CuO <sub>6+δ</sub> studied by angle-resolved photoemission spectroscopy. Physical Review B, 2006, 74, .	3.2	20
59	Contribution of electronic structure to thermoelectric power in (Bi,Pb) <sub>2</sub> (Sr,La) <sub>2</sub> CuO <sub>6+δ</sub> . Physical Review B, 2005, 72, .	3.2	52
60	Isothermal compression curve of Al <sub>2</sub> SiO <sub>5</sub> kyanite. Geophysical Monograph Series, 1998, , 281-286.	0.1	1
61	High pressure in situ X-ray diffraction study of MnO to 137 GPa and comparison with shock compression experiment. , 1998, , .		3
62	Phase Transitions of MnO Under Static Compression.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 148-150.	0.0	16