

Masafumi Horio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8459135/publications.pdf>

Version: 2024-02-01

53
papers

795
citations

516215

16
h-index

525886

27
g-index

53
all docs

53
docs citations

53
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	Separating Non-linear Optical Signals of a Sample from High Harmonic Radiation in a Soft X-ray Free Electron Laser. E-Journal of Surface Science and Nanotechnology, 2022, 20, 31-35.	0.1	8
2	Environmental effects on layer-dependent dynamics of Dirac fermions in quasicrystalline bilayer graphene. Physical Review B, 2022, 105, .	1.1	3
3	Uniaxial pressure induced stripe order rotation in La _{1.88} Sr _{0.12} CuO ₄ . Nature Communications, 2022, 13, 1795.	5.8	12
4	Materials Science Research by Ambient Pressure X-ray Photoelectron Spectroscopy Systems at Synchrotron Radiation Facilities in Japan: Applications in Energy, Catalysis, and Sensors. Synchrotron Radiation News, 2022, 35, 19-25.	0.2	1
5	Extended superconducting dome revealed by angle-resolved photoemission spectroscopy of electron-doped cuprates prepared by the protect annealing method. Physical Review Research, 2021, 3, .	1.3	10
6	Electronic reconstruction forming a C ₂ -symmetric Dirac semimetal in Ca ₃ Ru ₂ O ₇ . Npj Quantum Materials, 2021, 6, .	1.8	11
7	Post-doctoral Research Experience in Zurich. Vacuum and Surface Science, 2021, 64, 193-194.	0.0	0
8	Two-carrier Magnetoresistance: Applications to Ca ₃ Ru ₂ O ₇ . Journal of the Physical Society of Japan, 2021, 90, 054702.	0.7	1
9	Charge order lock-in by electron-phonon coupling in La _{1.675} Eu _{0.2} Sr _{0.125} Cu ₄ . Science Advances, 2021, 7, .	4.7	18
10	Decoupling of lattice and orbital degrees of freedom in an iron-pnictide superconductor. Physical Review Research, 2021, 3, .	1.3	0
11	A novel measurement approach for near-edge x-ray absorption fine structure: Continuous 2π angular rotation of linear polarization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1018, 165804.	0.7	5
12	Nematicity in a cuprate superconductor revealed by angle-resolved photoemission spectroscopy under uniaxial strain. Npj Quantum Materials, 2021, 6, .	1.8	10
13	Fast and versatile polarization control of X-ray by segmented cross undulator at SPring-8. AAPPS Bulletin, 2021, 31, 1.	2.7	9
14	Superconducting gap and pseudogap in the surface states of the iron-based superconductor PrFeAsO _{1-y} studied by angle-resolved photoemission spectroscopy. Physical Review Research, 2021, 3, .	1.3	1
15	High-Temperature Charge-Stripe Correlations in $La_{1.675}Eu_{0.2}Sr_{0.125}Cu_4$ Physical Review Letters, 2020, 124, 187002.	2.9	16
16	Hidden magnetism at the pseudogap critical point of a cuprate superconductor. Nature Physics, 2020, 16, 1064-1068.	6.5	58
17	Resonant inelastic x-ray scattering study of $Ca_{3-x}O_7$ Physical Review B, 2020, 102, .	1.1	3
18	Oxide Fermi liquid universality revealed by electron spectroscopy. Physical Review B, 2020, 102, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Cooperative interactions govern the fermiology of the polar metal CaMn_3O_7 . Physical Review Research, 2020, 2, .	1.3	14
20	Hard and soft x-ray photoemission spectroscopy study of the new Kondo system SmO thin film. Physical Review Materials, 2020, 4, .	0.9	1
21	Electronic structure of the high- T_C ferromagnetic semiconductor (Ga,Fe)Sb: X-ray magnetic circular dichroism and resonance photoemission spectroscopy studies. Physical Review B, 2020, 101, 114411.	1.1	16
22	-wave superconducting gap observed in protect-annealed electron-doped cuprate superconductors $\text{PrLa}_{1-x}\text{Ce}_x\text{O}_4$. Physical Review B, 2019, 100, 020407.	1.1	13
23	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .	1.1	15
24	Orbitally selective breakdown of Fermi liquid quasiparticles in CaMn_2O_4 . Physical Review B, 2019, 99, .	0.7	16
25	Strain-engineering Mott-insulating La_2CuO_4 . Nature Communications, 2019, 10, 786.	5.8	35
26	Nature of Carrier Doping in $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$ Studied by X-Ray Photoemission and Absorption Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 115004.	0.7	5
27	Band-dependent superconducting gap in $\text{SrFe}_2(\text{As}_{0.65}\text{P}_{0.35})_2$ studied by angle-resolved photoemission spectroscopy. Scientific Reports, 2019, 9, 16418.	1.6	0
28	Direct observation of orbital hybridisation in a cuprate superconductor. Nature Communications, 2018, 9, 972.	5.8	37
29	Thickness dependence and dimensionality effects on charge and magnetic orderings in $\text{La}_{1-x}\text{Pr}_x\text{O}_4$ thin films. Physical Review B, 2018, 97, .	0.7	16
30	Observation of a Pseudogap in the Vicinity of the Metal-Insulator Transition in the Perovskite-type Vanadium Oxides $\text{Nd}_{1-x}\text{Sr}_x\text{VO}_3$. Journal of the Physical Society of Japan, 2018, 87, 024708.	0.7	2
31	Spin-Orbital Excitations in CaMn_2O_4 Revealed by Resonant Inelastic X-Ray Scattering. Physical Review X, 2018, 8, .	2.8	13
32	ARPES studies on new types of electron-doped cuprate superconductors. Journal of Physics Condensed Matter, 2018, 30, 503001.	0.7	6
33	Local Magnetic States of the Weakly Ferromagnetic Iron-Based Superconductor $\text{Sr}_2\text{VFeAsO}_3$ Studied by X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2018, 87, 105001.	0.7	2
34	Electronic Structure of Ce-Doped and -Undoped $\text{Nd}_{1-x}\text{Ce}_x\text{O}_4$ Superconducting Thin Films Studied by Hard X-Ray Photoemission and Soft X-Ray Absorption Spectroscopy. Physical Review Letters, 2018, 120, 257001.	2.9	12
35	Angle-resolved photoemission spectroscopy of the low-energy electronic structure of superconducting $\text{PrLa}_{1-x}\text{Ce}_x\text{O}_4$ driven by oxygen nonstoichiometry. Physical Review B, 2018, 98, .	1.1	17
36	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. Physical Review Letters, 2018, 121, 077004.	2.9	61

#	ARTICLE	IF	CITATIONS
37	Two-dimensional type-II Dirac fermions in layered oxides. Nature Communications, 2018, 9, 3252.	5.8	21
38	Multi-band Electronic Structure of Ferromagnetic CeRuPO. Journal of the Physical Society of Japan, 2018, 87, 043703.	0.7	2
39	Origin of the large positive magnetoresistance of BaFe_2As_2 superconductor. Physical Review B, 2015, 92, 040407.	1.1	2
40	Magnetic anisotropy of L1-ordered FePt thin films studied by Fe and Pt L2,3-edges x-ray magnetic circular dichroism. Applied Physics Letters, 2017, 111, 112401.	1.5	22
41	Dependence of electron correlation strength in BaFe_2As_2 superconductor. Physical Review B, 2015, 92, 040407.	1.1	7
42	A Novel One-Dimensional Electronic State at IrTe ₂ Surface. Journal of the Physical Society of Japan, 2017, 86, 123704.	0.7	6
43	Suppression of the antiferromagnetic pseudogap in the electron-doped high-temperature superconductor by protect annealing. Nature Communications, 2016, 7, 10567.	5.8	73
44	In-plane electronic anisotropy in the antiferromagnetic orthorhombic phase of isovalent-substituted BaFe_2As_2 . Physical Review B, 2015, 92, 040407.	1.1	7
45	hybridization in the diluted magnetic semiconductor BaFe_2As_2 . Physical Review B, 2015, 92, 040407.	1.1	25
46	As-grown superconducting Pr_2CuO_4 under thermodynamic constraints. Applied Physics Express, 2015, 8, 053101.	1.1	9
47	Dependence of electron correlation strength in BaFe_2As_2 superconductor. Physical Review B, 2015, 92, 040407.	1.1	10
48	Angle-Resolved Photoemission Study on Multi-Band Electronic Structure of IrTe ₂ . , 2014, , .		0
49	Important Roles of Te 5 <i>p</i> and Ir 5 <i>d</i> Spin-Orbit Interactions on the Multi-band Electronic Structure of Triangular Lattice Superconductor IrPt_2Te_2 . Journal of the Physical Society of Japan, 2014, 83, 033704.	0.7	21
50	Spectromicroscopy of electronic phase separation in $\text{KxFe}_2\text{ySe}_2$ superconductor. Scientific Reports, 2014, 4, 5592.	1.6	35
51	Electronic Structure Reconstruction by Orbital Symmetry Breaking in IrTe ₂ . Journal of the Physical Society of Japan, 2013, 82, 093704.	0.7	65
52	Electronic structure and phase separation of superconducting and nonsuperconducting $\text{KxFe}_2\text{ySe}_2$ by x-ray photoemission spectroscopy. Physical Review B, 2013, 88, .	1.1	12
53	Band Jahn-Teller effects and Peierls Instability in IrTe ₂ . Journal of Physics: Conference Series, 2013, 428, 012018.	0.3	4