

Shin-ichi Fujimori

List of Publications by Year in descending order

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121
docs citations

121
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	In-gap Electronic States Responsible for the Excellent Thermoelectric Properties of Ni-based Half-Heusler Alloys. Applied Physics Express, 0, 1, 081901.	2.4	56
2	Strong energy-momentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO ₃ . New Journal of Physics, 2010, 12, 023004.	2.9	55
3	Direct observation of a quasiparticle band in CeIrIn5: An angle-resolved photoemission spectroscopy study. Physical Review B, 2006, 73, 041101.	3.2	47
4	Band structure and Fermi surface of URu ₂ Si. Physical Review B, 2005, 72, 041101.	3.2	47
5	Itinerant to localized transition of f electrons in the antiferromagnetic superconductor UPd ₂ Al ₃ . Nature Physics, 2007, 3, 618-622.	16.7	46
6	Electronic Structure of Heavy Fermion Uranium Compounds Studied by Core-Level Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 014703.	1.6	41
7	Splitting in the Fermi surface of ZrTe ₃ . A surface charge density wave system. Physical Review B, 2009, 80, 041101.	3.2	34
8	Nearly localized nature of f electrons in CeTln5 (T=Rh, Ir). Physical Review B, 2003, 67, 041101.	3.2	36
9	Itinerant nature of U 5f states in uranium mononitride revealed by angle-resolved photoelectron spectroscopy. Physical Review B, 2012, 86, 041101.	3.2	35
10	Soft x-ray magnetic circular dichroism study of Ca _{1-x} Th _x the ferromagnetic quantum phase transition. Physical Review B, 2007, 76, 041101.	3.2	34
11	Electronic Structures of Uranium Compounds Studied by Soft X-ray Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2016, 85, 062001.	1.6	34
12	Metal-insulator crossover behavior at the surface of NiS ₂ . Physical Review B, 2003, 67, 041101.	3.2	33
13	Electronic Structure of UTe ₂ Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 103701.	1.6	33
14	Derived Fermi Surfaces of CeRu ₂ . Physical Review B, 2005, 72, 041101.	3.2	34

#	ARTICLE	IF	CITATIONS
19	Electronic structures of ferromagnetic superconductors $U\text{Ge}_2$ and $U\text{CoGe}$ studied by angle-resolved photoelectron spectroscopy. Physical Review B, 2015, 91, .		
20	Anisotropy of the spin-orbit branching ratio in angle-resolved photoemission from adsorbate layers. Surface Science, 1998, 395, L236-L241.	1.9	25
21	Evidence of mixed valence states in UM_2Al_3 (M = Ni, Pd) studied by X-ray photoemission spectroscopy. Solid State Communications, 1998, 105, 185-188.	1.9	24
22	Itinerant U 5f band states in the layered compound UFeGa_5 observed by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2006, 73, .	3.2	23
23	Antiferromagnetic-to-ferromagnetic transition induced by diluted Co in $\text{SrFe}_{1-x}\text{Co}_x\text{O}_3$: Magnetic circular x-ray dichroism study. Physical Review B, 2005, 71, .	3.2	22
24	Itinerant magnetism in URhGe revealed by angle-resolved photoelectron spectroscopy. Physical Review B, 2014, 89, .	3.2	22
25	Soft x-ray magnetic circular dichroism study of weakly ferromagnetic $\text{Zn}_{1-x}\text{V}_x\text{O}$ thin film. Applied Physics Letters, 2007, 90, 022510.	3.3	21
26	Electronic configuration of Mn ions in the molecular ferromagnet d^4 . Physical Review B, 2011, 83, 040408.	1.9	21
27	Ferromagnetism in ZnO co-doped with Mn and N studied by soft x-ray magnetic circular dichroism. Applied Physics Letters, 2011, 99, 132508.	3.3	20
28	$U\text{Te}_2$: A nearly insulating half-filled heavy-fermion metal. Physical Review B, 2021, 103, 040408.	3.2	19
29	X-ray magnetic circular dichroism and photoemission studies of ferromagnetism in CaMnO_3 films. Physical Review B, 2008, 77, .	3.2	18
30	Resonant Photoemission and X-Ray Photoemission Spectra of UPd_2Al_3 , UPt_2Si_2 and U_2PtSi_3 . Journal of the Physical Society of Japan, 1994, 63, 2428-2442.	1.6	16
31	Electronic structure of the high- T_C ferromagnetic semiconductor $(\text{Ga,Fe})\text{Sb}$: X-ray magnetic circular dichroism and resonance photoemission spectroscopy studies. Physical Review B, 2008, 77, 040408.	3.2	16
32	Hybridization between the ligand p band and d orbitals in the p-type ferromagnetic semiconductor $(\text{Ga,Fe})\text{Sb}$. Physical Review B, 2020, 101, .	3.2	16
33	Soft X-ray Magnetic Circular Dichroism Study of Uranium Monochalcogenides at Uranium $N_{4,5}$ Absorption Edges. Journal of the Physical Society of Japan, 2008, 77, 024706.	1.6	15
34	Core-Level Photoelectron Spectroscopy Study of UTe_2 . Journal of the Physical Society of Japan, 2021, 90, 015002.	1.6	15
35	X-Ray Photoelectron Spectroscopy Study of $\text{U}(\text{Rh}_{1-x}\text{Pdx})_3$ Alloys. Journal of the Physical Society of Japan, 1998, 67, 4164-4168.	1.6	14
36	Angle-Resolved Photoemission Study of the MX-Chain Compound $[\text{Ni}(\text{chxn})_2\text{Br}]_2\text{Br}_2$: Spin-Charge Separation in Hybridized p Chains. Physical Review Letters, 2002, 88, 247601.	7.8	14

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37	Local electronic structure of Cr in the II-VI diluted ferromagnetic semiconductor $\text{Zn}_{1-x}\text{Cr}_x\text{Te}$. New Journal of Physics, 2008, 10, 055011.	2.9	14
38	Photoemission and x-ray absorption studies of valence states in $(\text{Ni,Zn,Fe,Ti})_3\text{O}_4$ thin films exhibiting photoinduced magnetization. Applied Physics Letters, 2008, 92, 082502.	3.3	14
39	Magnetic Circular X-ray Dichroism Study of Paramagnetic and Anti-Ferromagnetic States in SrFeO_3 Using a 10-T Superconducting Magnet. AIP Conference Proceedings, 2004, , .	0.4	13
40	Electronic Structure of EuAl_4 Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2016, 85, 094703.	1.6	13
41	Photoelectron diffraction for probing valency and magnetism of d -based materials: A view on valence-fluctuating EuR_2 . Physical Review B, 2020, 102, .	3.2	13
42	Photoemission study of the U/Si(111) interface. Surface Science, 2000, 444, 180-186.	1.9	12
43	Soft X-ray Absorption Magnetic Circular Dichroism Study of Ferromagnetic Superconductor UGe_2 . Journal of the Physical Society of Japan, 2006, 75, 024704.	1.6	12
44	Photoemission study of $\text{Yb}_2\text{Co}_3\text{X}_9$ ($\text{X}=\text{Ga,Al}$): Variation of the electronic structure from a mixed-valent to Kondo-lattice system. Physical Review B, 2002, 65, .	3.2	11
45	Conduction-band electronic states of YbInCu_4 studied by photoemission and soft x-ray absorption spectroscopies. Physical Review B, 2011, 84, .	3.2	11
46	Manifestation of electron correlation effect in 5f states of uranium compounds revealed by $4d \rightarrow 5f$ resonant photoelectron spectroscopy. Physical Review B, 2019, 99, .	3.2	11
47	Single-domain perpendicular magnetization induced by the coherent d - f hybridized state in an ultra-high-quality Ru . Physical Review B, 2020, 102, .	2.4	11
48	Observation of Itinerant $\text{Ce } 4f$ Electronic States in CeIrSi_3 Studied by Angle-Resolved $\text{Ce } 3d \rightarrow 4f$ Resonance Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 084802.	1.6	10
49	Origin of robust nanoscale ferromagnetism in Fe-doped Ge revealed by angle-resolved photoemission spectroscopy and first-principles calculation. Physical Review B, 2017, 95, .	3.2	10
50	Electronic structure of ThRu_2Si_2 studied by angle-resolved photoelectron spectroscopy: Elucidating the contribution of U5f states in URu_2Si_2 . Physical Review B, 2017, 96, .	3.2	10
51	Band structure and Fermi surface of UPd_3 studied by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	3.2	9
52	Electronic states of EuCu_2 and EuCu studied by soft x-ray photoemission spectroscopy. Physical Review B, 2019, 100, .	3.2	9
53	Divalent EuRh_2Si_2 as a reference for the Luttinger theorem and antiferromagnetism in trivalent heavy-fermion YbRh_2Si_2 . Nature Communications, 2019, 10, 796.	12.8	9
54	Correlation effect in resonant photoemission spectra of UPd_2Al_3 and UC. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 147-150.	1.7	8

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55	X-ray magnetic circular dichroism at the U N _{4,5} edges of uranium monochalcogenides US, USe and UTe. Physica B: Condensed Matter, 2004, 345, 221-224.	2.7	8
56	XMCD study on ferromagnetic superconductor. Physica B: Condensed Matter, 2005, 359-361, 1054-1056.	2.7	8
57	X-ray Magnetic Circular Dichroism and Photoemission Study of the Diluted Ferromagnetic Semiconductor Zn _{1-x} Cr _x Te. Applied Physics Express, 2008, 1, 041301.	2.4	8
58	Electronic structure analysis of U _{1r} using soft x-ray photoemission spectroscopy and band calculation. Journal of Physics: Conference Series, 2010, 200, 012229.	0.4	8
59	Evolution of Fe impurity band state as the origin of high Curie temperature in the ferromagnetic semiconductor (Ga,Fe)Sb. Physical Review B, 2020, 102, .	3.2	8
60	Evolution of the electronic structure from electron-doped to hole-doped states in the two-dimensional Mott-Hubbard system La _{1.17} As ₂ Pb _{0.17} S ₃ . Physical Review B, 2004, 69, .	3.2	7
61	Electronic structures of Fe _{3-x} V _x Si probed by photoemission spectroscopy. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2765-2768.	1.8	7
62	Photoemission and X-ray absorption studies of the electronic structure of GaN-based diluted magnetic semiconductors. Physica Status Solidi (B): Basic Research, 2006, 243, 1696-1700.	1.5	7
63	Systematic changes of the electronic structure of the diluted ferromagnetic oxide Li-doped Ni _{1-x} Fe _x O with hole doping. Physical Review B, 2008, 78, .	3.2	7
64	Element and orbital-specific observation of two-step magnetic transition in NpNiGa. X-ray magnetic circular dichroism study. Physical Review B, 2009, 80, .	3.2	7
65	Angle resolved photoemission study on uranium compounds. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012045.	0.6	7
66	Electronic structure of YbCu ₂ Ge studied by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2011, 84, .	3.2	7
67	Electronic structure of URu ₂ Si ₂ in paramagnetic phase studied by soft x-ray photoemission spectroscopy. Journal of Physics: Conference Series, 2011, 273, 012039.	0.4	7
68	Observation of bulk band dispersions of YbRh ₂ Si ₂ using soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	3.2	7
69	Soft X-ray angle-resolved photoemission study of YbCu ₂ Ge ₂ . Journal of Physics: Conference Series, 2011, 273, 012067.	0.4	6
70	The U 5f states in the heavy fermion uranium compound UPd ₂ Al ₃ , studied by resonant and X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 439-442.	1.7	5
71	Phase change observed in ultrathin Ba _{0.5} Sr _{0.5} TiO ₃ films by in situ resonant photoemission spectroscopy. Applied Physics Letters, 2007, 90, 222909.	3.3	5
72			

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73	Electronic Structure of La(Fe _{0.88} Si _{0.12}) ₁₃ . Materials Research Society Symposia Proceedings, 2010, 1262, 1.	0.1	5
74	Tunable ferromagnetism in Ni _{0.97} YMnyO thin films with hole doping and their electronic structures. Physical Review B, 2011, 83, .	3.2	5
75	Angle Resolved Photoelectron Spectroscopy Study of Heavy Fermion Superconductor UPd ₂ Al ₃ . , 2014, , .		5
76	Soft x-ray irradiation induced metallization of layered TiNCl. Journal of Physics Condensed Matter, 2021, 33, 035501.	1.8	5
77	The electronic structure of U/Si(100), studied by X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 631-635.	1.7	4
78	X-ray photoelectron spectroscopy study of uranium compounds. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 353-356.	1.7	4
79	Absence of U5f band states in resonant photoemission spectra of UPd ₂ Al ₃ . Physical Review B, 1999, 59, 10469-10472.	3.2	4
80	Photoemission spectroscopy of the filled skutterudite compound YbFe ₄ Sb ₁₂ . Journal of Physics Condensed Matter, 2003, 15, S2197-S2200.	1.8	4
81	High-resolution soft X-ray photoemission spectroscopy of spinel-type compound Cu ₂ S ₄ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E297-E298.	2.3	4
82	Soft X-Ray Magnetic Circular Dichroism Study of Ferromagnetic Uranium Compounds. Journal of the Physical Society of Japan, 2006, 75, 105-106.	1.6	4
83	Itinerant U 5f Nature in Antiferromagnet U(Ru _{0.97} Rh _{0.03}) ₂ Si ₂ : Soft X-ray Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2011, 80, 124710.	1.6	4
84	Alternation of Magnetic Anisotropy Accompanied by Metal-Insulator Transition in Strained Ultrathin Manganite Heterostructures. Physical Review Applied, 2021, 15, .	3.8	4
85	High-resolution photoemission study of CeRhX (XSn, In). Physica B: Condensed Matter, 2006, 378-380, 791-792.	2.7	3
86	Soft X-ray magnetic circular dichroism study of UFe ₂ . Physica B: Condensed Matter, 2006, 378-380, 959-960.	2.7	3
87	Electronic structure and magnetism of thin films. Journal of Magnetism and Magnetic Materials, 2007, 310, 1070-1072.	2.3	3
88	Soft X-ray Magnetic Circular Dichroism and Photoemission Studies of II-VI Diluted Ferromagnetic Semiconductor Zn _{1-x} Cr _x Te. Journal of Superconductivity and Novel Magnetism, 2007, 20, 467-471.	1.8	3
89	Resonant Angle-Resolved Photoelectron Spectroscopy of Substitutional Solid Solutions of CeRu ₂ Si ₂ . Journal of the Physical Society of Japan, 2011, 80, SA060.	1.6	3
90	Fermi surface variation of Ce 4f-electrons in hybridization controlled heavy-fermion systems. Solid State Communications, 2015, 209-210, 45-48.	1.9	3

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91	ion effect in $\text{SrLa}_2\text{Cu}_2\text{O}_7$		
92	Electronic structure of URu_2Si_2 in paramagnetic phase: three-dimensional angle resolved photoelectron spectroscopy study. <i>Electronic Structure</i> , 2021, 3, 024008.	2.8	3
93	A photoemission study of ultrathin uranium layers on noble metals. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 78, 155-158.	1.7	2
94	X-ray photoemission study of Pr thin films on Si(111). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 501-505.	1.7	2
95	Photoemission study of the filling-control metal-insulator transition in the two-dimensional system $\text{La}_{1.17}\text{Pb}_x\text{VS}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 263-265.	2.3	2
96	Angle-resolved photoemission study of the quasi-two-dimensional heavy-fermion compounds CeRhIn_5 and CeIrIn_5 . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 132-133.	2.7	2
97	Photoemission study of CeMIn_5 (M=Rh, Ir): nearly localized nature of f electrons. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 547-548.	2.7	2
98	Photoemission study on heavy fermion superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 657-658.	1.2	2
99	Band structures of $\text{CeRu}_2(\text{Si}_2\text{Ge}_2)$ studied by resonant soft X-ray ARPES. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 697-699.	1.5	2
100	Angle-Resolved Photoemission Analysis of Electronic Structures for Thermoelectric Properties of Off-Stoichiometric $\text{Fe}_{2-x}\text{V}_x\text{Al}$ Alloys. <i>Materials Transactions</i> , 2016, 57, 1040-1044.	1.2	2
101	Electronic Structure of Trivalent Compound EuPd_3 Studied by Soft X-ray Angle-resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 044704.	1.6	2
102	Evolution of the electronic structure and correlations accompanied by suppression of itinerant ferromagnetism in $\text{La}_{1-x}\text{Ce}_x\text{Cu}_2\text{O}_7$		

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109	High-resolution photoemission study of the hybridization gap in the Kondo semiconductor CeRhAs. Journal of Magnetism and Magnetic Materials, 2007, 310, e57-e58.	2.3	1
110	Electronic states of magnetic refrigerator materials Mn _{0.9} Fe _{1.1} P _{0.55} As _{0.45} using soft x-ray magnetic circular dichroism. Journal of Physics: Conference Series, 2010, 200, 012199.	0.4	1
111	Recent progress of soft X-ray photoelectron spectroscopy studies of uranium compounds. Journal of Electron Spectroscopy and Related Phenomena, 2016, 208, 105-110.	1.7	1
112	Electronic structure of URu ₂ Si ₂ studied by photoelectron spectroscopy (INVITED). Progress in Nuclear Science and Technology, 2018, 5, 82-85.	0.3	1
113	Electronic structure of the intermediate-valence compound EuNi ₂ P ₂ studied by soft x-ray photoemission spectroscopy. Physical Review B, 2021, 104, .	3.2	1
114	Development of magnetism in Fe-doped magnetic semiconductors: Resonant photoemission and x-ray magnetic circular dichroism studies of (Ga,Fe)As. Physical Review B, 2022, 105, .	3.2	1
115	PHOTOEMISSION STUDY OF QUASI-ONE-DIMENSIONAL HALOGEN-BRIDGED COMPOUND [Ni(chxn) ₂ Br] ₂ Br ₂ . Surface Review and Letters, 2002, 09, 1065-1069.	1.1	0
116	High-resolution photoemission spectroscopy of Yb ₂ Co ₃ X ₉ (X=Ga and Al). Physica B: Condensed Matter, 2002, 312-313, 349-351.	2.7	0
117	Band Structure and Fermi Surface of Uranium Compounds: Soft X-ray Angle-Resolved Photoemission Study. Journal of the Physical Society of Japan, 2006, 75, 99-101.	1.6	0
118	Band structure and Fermi surface of studied by angle-resolved photoemission spectroscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, e79-e81.	2.3	0
119	Bulk Sensitive Soft X-ray Angle-Resolved Photoemission Spectroscopy of Bi _{1.72} Pb _{0.38} Sr _{1.88} CuO _{6+δ} . Journal of the Physical Society of Japan, 2010, 79, 064711.	1.6	0
120	Angle-Resolved Photoemission Analysis on Electronic Structures and Thermoelectric Properties of Off-Stoichiometric Fe _{2-x} V _{1+x} Al. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2015, 79, 607-612.	0.4	0
121	Impact of the U states on the electronic structure of UPd ₂ Si ₂ . Physical Review B, 2002, 66, 045111.	1.2	0