Shin-ichi Fujimori

List of Publications by Year
in descending order

121 papers	1,462 citations	304743 22 h-index	454955 30 g-index
121 all docs	121 docs citations	121 times ranked	1760 citing authors

#	Article	IF	Citations
1	: Impact of the U <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math> states on the electronic structure of <mml:math	3.2	0
2	Evolution of the electronic structure and correlations accompanied by suppression of itinerant ferromagnetism in <mml:math		

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19	Manifestation of electron correlation effect in 5f states of uranium compounds revealed by 4dâ€“5f resonant photoelectron spectroscopy. Physical Review B, 2019, 99, .	3.2	11
20	Electronic structure of URu2Si2 studied by photoelectron spectroscopy (INVITED). Progress in Nuclear Science and Technology, 2018, 5, 82-85.	0.3	1
21	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
22	Electronic structures of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="bold">U</mml:mi><mml:msub><mml:mi>X</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:r	3.2	7
23	spec Electronic structure ofThRu2Si2studied by angle-resolved photoelectron spectroscopy: Elucidating the contribution of U5fstates inURu2Si2. Physical Review B, 2017, 96, .	3.2	10
24	Angle-Resolved Photoemission Analysis of Electronic Structures for Thermoelectric Properties of Off-Stoichiometric Fe_{2â€“x}V_{1+x}Al Alloys. Materials Transactions, 2016, 57, 1040-1044.	1.2	2
25	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
26	Electronic Structure of EuAl₄ Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2016, 85, 094703.	1.6	13
27	Correlation effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Sr</mml:mi><mml:mrow><mml:mn mathvariant="bold">1</mml:mn><mml:mo>â€“</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">La</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="bold">RuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>	3.2	3
28	Band structures of 4fand 5fmaterials studied by angle-resolved photoelectron spectroscopy. Journal of Physics Condensed Matter, 2016, 28, 153002.	1.8	30
29	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
30	Electronic structures of ferromagnetic superconductors<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>UGe</mml:mtext><mml:mn>2</mml:mn></mml:msub> and UCoGe studied by angle-resolved photoelectron spectroscopy. Physical Review B, 2015, 91, .	3.2	46
31	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
32	Fermi surface variation of Ce 4f-electrons in hybridization controlled heavy-fermion systems. Solid State Communications, 2015, 209-210, 45-48.	1.9	3
33	Angle Resolved Photoelectron Spectroscopy Study of Heavy Fermion Superconductor UPd₂Al₃. , 2014, , .		5
34	Itinerant magnetism in URhGe revealed by angle-resolved photoelectron spectroscopy. Physical Review B, 2014, 89, .	3.2	22
35	Band structure and Fermi surface of UPd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>studied by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	3.2	9
36	Observation of bulk band dispersions of YbRh2Si2using soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	3.2	7

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37	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
38	Itinerant nature of U5fstates in uranium mononitride revealed by angle-resolved photoelectron spectroscopy. Physical Review B, 2012, 86, .	3.2	35
39	Electronic configuration of Mn ions in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si20.gif" display="inline" overflow="scroll"><mml:mi>Ï€</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si21.gif" display="inline" overflow="scroll"><mml:mi>d</mml:mi></mml:math> molecular ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si22.gif" display="inline" overflow="scroll">	1.9	21
40	Soft X-ray angle-resolved photoemission study of YbCu2Ge2. Journal of Physics: Conference Series, 2011, 273, 012067.	0.4	6
41	Resonant Angle-Resolved Photoelectron Spectroscopy of Substitutional Solid Solutions of CeRu2Si2. Journal of the Physical Society of Japan, 2011, 80, SA060.	1.6	3
42	Itinerant U 5f Nature in Antiferromagnet U(Ru0.97Rh0.03)2Si2: Soft X-ray Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2011, 80, 124710.	1.6	4
43	Conduction-band electronic states of YbInCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>studied by photoemission and soft x-ray absorption spectroscopies. Physical Review B, 2011, 84, .	3.2	11
44	Band structure and Fermi surface of URu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mro	3.2	47
45	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
46	Tunable ferromagnetism in Ni0.97â^'yMnyO thin films with hole doping and their electronic structures. Physical Review B, 2011, 83, .	3.2	5
47	Electronic structure of YbCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>studied by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2011, 84, .	3.2	7
48	Electronic structure of URu₂Si₂in paramagnetic phase studied by soft x-ray photoemission spectroscopy. Journal of Physics: Conference Series, 2011, 273, 012039.	0.4	7
49	Electronic structure analysis of UIr using soft x-ray photoemission spectroscopy and band calculation. Journal of Physics: Conference Series, 2010, 200, 012229.	0.4	8
50	Electronic states of magnetic refrigerator materials Mn0.9Fe1.1P0.55As0.45using soft x-ray magnetic circular dichroism. Journal of Physics: Conference Series, 2010, 200, 012199.	0.4	1
51	Angle resolved photoemission study on uranium compounds. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012045.	0.6	7
52	Bulk Sensitive Soft X-ray Angle-Resolved Photoemission Spectroscopy of Bi_{1.72}Pb_{0.38}Sr_{1.88}CuO_{6+Î´}. Journal of the Physical Society of Japan, 2010, 79, 064711.	1.6	0
53	Band structures of CeRu₂(Si_{1â^'x}Ge_x)₂ studied by resonant soft Xâ€ray ARPES. Physica Status Solidi (B): Basic Research, 2010, 247, 697-699.	1.5	2
54	Electronic Structure of La(Fe0.88Si0.12)13. Materials Research Society Symposia Proceedings, 2010, 1262, 1.	0.1	5

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55	Strong energyâ€“momentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO₃. New Journal of Physics, 2010, 12, 023004.	2.9	55
56	Element and orbital-specific observation of two-step magnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NpNiGa</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>: X-ray magnetic circular dichroism study. Physical Review B, 2009, 80, .	3.2	7
57	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:math>-Derived Fermi Surfaces of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo		

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73	Large magnetic polarization of Ti4+ ions in FeTiO3. Journal of Magnetism and Magnetic Materials, 2007, 310, e555-e557.	2.3	28
74	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
75	Itinerant to localized transition of f electronsÂin the antiferromagnetic superconductorÂUPd2Al3. Nature Physics, 2007, 3, 618-622.	16.7	46
76	Soft X-ray Magnetic Circular Dichroism and Photoemission Studies of IIâ€“VI Diluted Ferromagnetic Semiconductor Zn1â^'x Cr x Te. Journal of Superconductivity and Novel Magnetism, 2007, 20, 467-471.	1.8	3
77	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
78	Electronic structures of Fe3-xVxSi probed by photoemission spectroscopy. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2765-2768.	1.8	7
79	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
80	High-resolution photoemission study of CeRhX (XSn, In). Physica B: Condensed Matter, 2006, 378-380, 791-792.	2.7	3
81	Soft X-ray synchrotron radiation photoemission study on uranium compounds. Physica B: Condensed Matter, 2006, 378-380, 995-996.	2.7	1
82	Soft X-ray magnetic circular dichroism study of UFe2. Physica B: Condensed Matter, 2006, 378-380, 959-960.	2.7	3
83	High-resolution photoemission study of Ce1â^'xLaxRhAs: A collapse of the energy gap in the Kondo semiconductor. Physica B: Condensed Matter, 2006, 383, 140-141.	2.7	1
84	Soft X-ray Absorption Magnetic Circular Dichroism Study of Ferromagnetic Superconductor UGe2. Journal of the Physical Society of Japan, 2006, 75, 024704.	1.6	12
85	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
86	Itinerant U5fband states in the layered compoundUFeGa5observed by soft x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2006, 73, .	3.2	23
87	Evolution of the electronic structure across the filling-control and bandwidth-control metal-insulator transitions in pyrochlore-type Ru oxides. Physical Review B, 2006, 73, .	3.2	1
88	Direct observation of a quasiparticle band inCeIrIn5: An angle-resolved photoemission spectroscopy study. Physical Review B, 2006, 73, .	3.2	47
89	XMCD study on ferromagnetic superconductor. Physica B: Condensed Matter, 2005, 359-361, 1054-1056.	2.7	8
90	Antiferromagnetic-to-ferromagnetic transition induced by diluted Co inSrFe1â^'xCoxO3: Magnetic circular x-ray dichroism study. Physical Review B, 2005, 71, .	3.2	22

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91	Evolution of the electronic structure from electron-doped to hole-doped states in the two-dimensional Mott-Hubbard systemLa1.17â^'xPbxVS3.17. Physical Review B, 2004, 69, .	3.2	7
92	Magnetic Circular X-ray Dichroism Study of Paramagnetic and Anti-Ferromagnetic States in SrFeO3 Using a 10-T Superconducting Magnet. AIP Conference Proceedings, 2004, , .	0.4	13
93	X-ray magnetic circular dichroism at the U N4,5 edges of uranium monochalcogenides US, USe and UTe. Physica B: Condensed Matter, 2004, 345, 221-224.	2.7	8
94	High-resolution soft X-ray photoemission spectroscopy of spinel-type compound CuIr2S4. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E297-E298.	2.3	4
95	Photoemission study of CeMIn5 (M=Rh, Ir): nearly localized nature of f electrons. Physica B: Condensed Matter, 2003, 329-333, 547-548.	2.7	2
96	Nearly localized nature offelectrons inCeTIn5(T=Rh,Ir). Physical Review B, 2003, 67, .	3.2	36
97	Metal-insulator crossover behavior at the surface ofNiS2. Physical Review B, 2003, 67, .	3.2	33
98	Photoemission spectroscopy of the filled skutterudite compound YbFe4Sb12. Journal of Physics Condensed Matter, 2003, 15, S2197-S2200.	1.8	4
99	Angle-Resolved Photoemission Study of theMX-Chain Compound[Ni(chxn)2Br]Br2: Spin-Charge Separation in Hybridizeddâ^'pChains. Physical Review Letters, 2002, 88, 247601.	7.8	14
100	Photoemission study ofYb2Co3X9(X=Ga,Al):Variation of the electronic structure from a mixed-valent to Kondo-lattice system. Physical Review B, 2002, 65, .	3.2	11
101	PHOTOEMISSION STUDY OF QUASI-ONE-DIMENSIONAL HALOGEN-BRIDGED COMPOUND [Ni(chxn)2Br]Br2. Surface Review and Letters, 2002, 09, 1065-1069.	1.1	0
102	High-resolution photoemission spectroscopy of Yb2Co3X9 (X=Ga and Al). Physica B: Condensed Matter, 2002, 312-313, 349-351.	2.7	0
103	Angle-resolved photoemission study of the quasi-two-dimensional heavy-fermion compounds CeRhIn5 and CeIrIn5. Physica B: Condensed Matter, 2002, 312-313, 132-133.	2.7	2
104	Photoemission study of the filling-control metalâ€"insulator transition in the two-dimensional system La1.17â^'xPbxVS3.17. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 263-265.	2.3	2
105	Photoemission study of the U/Si(111) interface. Surface Science, 2000, 444, 180-186.	1.9	12
106	Absence of U5fband states in resonant photoemission spectra ofUPd2Al3. Physical Review B, 1999, 59, 10469-10472.	3.2	4
107	X-ray photoemission study of Pr thin films on Si(111). Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 501-505.	1.7	2
108	The U 5f states in the heavy fermion uranium compound UPd2Al3, studied by resonant and X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 439-442.	1.7	5

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109	Evidence of mixed valence states in UM2Al3 (M = Ni, Pd) studied by X-ray photoemission spectroscopy. Solid State Communications, 1998, 105, 185-188.	1.9	24
110	X-ray photoemission study of Pr/noble metals (Ag, Au) and Pr/transition metals (Ni, Pd). Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 625-629.	1.7	1
111	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
112	X-ray photoelectron spectroscopy study of uranium compounds. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 353-356.	1.7	4
113	X-ray photoemission and bremsstrahlung isochromat spectroscopy of bulk single crystalline SixGe1â^'x alloys. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 395-398.	1.7	1
114	Anisotropy of the spin-orbit branching ratio in angle-resolved photoemission from adsorbate layers. Surface Science, 1998, 395, L236-L241.	1.9	25
115	X-Ray Photoelectron Spectroscopy Study of U(Rh1-xPdx)3Alloys. Journal of the Physical Society of Japan, 1998, 67, 4164-4168.	1.6	14
116	Correlation effect in resonant photoemission spectra of UPd2Al3 and UC. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 147-150.	1.7	8
117	Core level dependence of tailing structures in resonant spectra of UC and UB12. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 151-154.	1.7	1
118	A photoemission study of ultrathin uranium layers on noble metals. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 155-158.	1.7	2
119	Line shapes of the XPS U 4fspectra in some uranium compounds. Physical Review B, 1996, 53, 1806-1813.	3.2	29
120	Resonant Photoemission and X-Ray Photoemission Spectra of UPd2Al3, UPt2Si2and U2PtSi3. Journal of the Physical Society of Japan, 1994, 63, 2428-2442.	1.6	16
121	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