Shoya Sakamoto

List of Publications by Year in descending order

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		759055	839398
41	420	12	18
papers	citations	h-index	g-index

41	41	41	694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic anisotropy of the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> studied by angular-dependent x-ray magnetic circular dichroism. Physical Review Research, 2022, 4, .	2.2	8
2	Electron Correlation Enhances Orbital Polarization at a Ferromagnetic Metal/Insulator Interface: Depth-Resolved X-ray Magnetic Circular Dichroism and First-Principles Study. ACS Applied Electronic Materials, 2022, 4, 1794-1799.	2.0	5
3	Chirality-Induced Magnetoresistance Due to Thermally Driven Spin Polarization. Journal of the American Chemical Society, 2022, 144, 7302-7307.	6.6	16
4	Connection between coherent phonons and electron-phonon coupling in Sb (111). Physical Review B, 2022, 105, .	1.1	5
5	Control of perpendicular magnetic anisotropy at the Fe/MgO interface by phthalocyanine insertion. Physical Review B, 2022, 105, .	1.1	6
6	Magnetic Properties and Electronic Configurations of Mn Ions in the Diluted Magnetic Semiconductor Ba_{1â^'}_xK_x(Zn_{1â^'}_yMn_y)<sub> Studied by X-ray Magnetic Circular Dichroism and Resonant Inelastic X-ray Scattering. Journal of the Physical Society of Japan, 2022, 91, .	1.7	0
7	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, .	1.1	1
8	Cr doping-induced ferromagnetism in the spin-glass Cd1â^'Mn Te studied by x-ray magnetic circular dichroism. Physica B: Condensed Matter, 2022, , 414129.	1.3	4
9	Anisotropic Spin Distribution and Perpendicular Magnetic Anisotropy in a Layered Ferromagnetic Semiconductor (Ba,K)(Zn,Mn)₂As₂. ACS Applied Electronic Materials, 2021, 3, 789-794.	2.0	5
10	Low Gilbert damping in epitaxial thin films of the nodal-line semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>D</mml:mi><mml:msub><mml:mn>0</mml:mn><mml:m mathvariant="normal">Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>Ga</mml:mi></mml:math>. Physical Review B, 2021, 103, .	1.1	5
11	Large Hall Signal due to Electrical Switching of an Antiferromagnetic Weyl Semimetal State. Small Science, 2021, 1, 2000025.	5.8	16
12	Giant Effective Damping of Octupole Oscillation in an Antiferromagnetic Weyl Semimetal. Small Science, 2021, 1, 2000062.	5.8	20
13	Reduced magnetocrystalline anisotropy of CoFe2O4 thin films studied by angle-dependent x-ray magnetic circular dichroism. AIP Advances, 2021, 11, 085317.	0.6	2
14	Influence of epitaxial strain on the perpendicular magnetic anisotropy of Fe/MgO systems. Physical Review B, 2021, 104, .	1.1	5
15	Observation of spontaneous x-ray magnetic circular dichroism in a chiral antiferromagnet. Physical Review B, 2021, 104, .	1.1	8
16	Voltage-controlled magnetic anisotropy in an ultrathin nickel film studied by operando x-ray magnetic circular dichroism spectroscopy. Physical Review B, 2020, 102, .	1.1	5
17	Sizable spin-transfer torque in the Bi/Ni80Fe20 bilayer film. Applied Physics Letters, 2020, 117, .	1.5	4
18	Temperature Evolution of Magnetic Phases Near the Thickness-Dependent Metalâ€“Insulator Transition in La_{1â^'}_xSr_xMnO₃ Thin Films Observed by XMCD. , 2020, , .		0

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19	Magnetization process of the insulating ferromagnetic semiconductor (Al,Fe)Sb. Physical Review B, 2020, 101, .	1.1	5
20	Evolution of Fe <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:math> impurity band state as the origin of high Curie temperature in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -type ferromagnetic semiconductor (Ga,Fe)Sb. Physical Review B, 2020, 102, .	1.1	8
21	Hard and soft x-ray photoemission spectroscopy study of the new Kondo system SmO thin film. Physical Review Materials, 2020, 4, .	0.9	1
22	Chirality-induced effective magnetic field in a phthalocyanine molecule. Applied Physics Express, 2020, 13, 113001.	1.1	7
23	Electronic structure of the high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi mathvariant="normal">C</mml:mi></mml:msub></mml:math> ferromagnetic semiconductor (Ga,Fe)Sb: X-ray magnetic circular dichroism and resonance photoemission spectroscopy studies. Physical Review B, 2019, 100, .	1.1	16
24	Chemical trend in the electronic structure of Fe-doped IIIâ€“V semiconductors and possible origin of ferromagnetism: A first-principles study. Journal of Applied Physics, 2019, 126, .	1.1	9
25	Nature of Carrier Doping in Tâ€²-La_{1.8â^'}_xEu_{0.2}Sr_xCuO₄ Studied by X-Ray Photoemission and Absorption Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 115004.	0.7	5
26	Anisotropic spin-density distribution and magnetic anisotropy of strained La1â^'xSr x MnO3 thin films: angle-dependent x-ray magnetic circular dichroism. Npj Quantum Materials, 2018, 3, .	1.8	23
27	Anisotropic Charge Distribution Induced by Spin Polarization in La0.6Sr0.4MnO3 Thin Films Studied by X-ray Magnetic Linear Dichroism. Journal of the Physical Society of Japan, 2018, 87, 114713.	0.7	0
28	Local Magnetic States of the Weakly Ferromagnetic Iron-Based Superconductor Sr2VFeAsO3â^'Î´ Studied by X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2018, 87, 105001.	0.7	2
29	Electronic states and possible origin of the orbital-glass state in a nearly metallic spinel cobalt vanadate: An x-ray magnetic circular dichroism study. Physical Review B, 2018, 97, .	1.1	7
30	Electronic Structure of Ce-Doped and -Undoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>2−</mml:mn></mml:mrow></mml:msub><mml:mi>x</mml:mi></mml:mrow></mml:math> Superconducting Thin Films Studied by Hard X-Ray Photoemission and Soft X-Ray Absorption Spectroscopy. Physical Review Letters, 2018, 120, 257001.	2.9	22
31	Cation distribution and magnetic properties in ultrathin (Ni1â€“xCox)Fe2O4(x=0â€“1) layers on Si(111) studied by soft x-ray magnetic circular dichroism. Physical Review Materials, 2018, 2, .	0.9	9
32	Origin of robust nanoscale ferromagnetism in Fe-doped Ge revealed by angle-resolved photoemission spectroscopy and first-principles calculation. Physical Review B, 2017, 95, .	1.1	10
33	Structural and magnetic properties of epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CoFe</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">l</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	1.1	32
34	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, .	1.5	22
35	Origin of the large positive magnetoresistance of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>−</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>	1.1	1
36	Effects of cobalt substitution in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>L</mml:mi><mml:msub><mml:mn>1</mml:mn><mml:mn>0</mml:mn></mml:msub></mml:mrow></mml:math> -(Fe,Co)Pt thin films. Physical Review B, 2017, 96, .	1.1	6

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37	Volume-wise destruction of the antiferromagnetic Mott insulating state through quantum tuning. Nature Communications, 2016, 7, 12519.	5.8	36
38	Room-temperature local ferromagnetism and its nanoscale expansion in the ferromagnetic semiconductor Ge1â€“xFex. Scientific Reports, 2016, 6, 23295.	1.6	20
39	Magnetization process of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math>-type ferromagnetic semiconductor (In,Fe)As:Be studied by x-ray magnetic circular dichroism. Physical Review B, 2016, 93.	1.1	19
40	Photoemission and x-ray absorption studies of the isostructural to Fe-based superconductors diluted magnetic semiconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow><</mml:msub>		