

# Shoya Sakamoto

## List of Publications by Year in descending order

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41  
papers

420  
citations

759055

12  
h-index

839398

18  
g-index

41  
all docs

41  
docs citations

41  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume-wise destruction of the antiferromagnetic Mott insulating state through quantum tuning. Nature Communications, 2016, 7, 12519. Electronic structure and magnetic properties of magnetically dead layers in epitaxial $\text{CoF}_2$ layers on $\text{SrTiO}_3$ .	5.8	36
2	Mixing of $\text{CoF}_2$ and $\text{FeF}_2$ layers in epitaxial $\text{CoF}_2/\text{FeF}_2$ heterostructures. Physical Review Letters, 2017, 118, 177201. Magnetic structure of $\text{CoF}_2$ layers on $\text{SrTiO}_3$ and its dependence on the thickness of the $\text{CoF}_2$ layer.	1.1	32
3	Structural and magnetic properties of $\text{BaFe}_2\text{As}_2$ thin films. Physical Review B, 2017, 95, 104411. Structural and magnetic properties of $\text{BaFe}_2\text{As}_2$ thin films.		

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[Redacted]

[Redacted]

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#	ARTICLE	IF	CITATIONS
19	Magnetic anisotropy of the van der Waals ferromagnet $\text{CrI}_3$ studied by angular-dependent x-ray magnetic circular dichroism. <i>Physical Review Research</i> , 2022, 4, .	2.3	8
20	Spin and orbital magnetic moments of Fe in the n-type ferromagnetic semiconductor (In,Fe)As. <i>Applied Physics Letters</i> , 2014, 105, 032403.	1.5	7
21	Electronic states and possible origin of the orbital-glass state in a nearly metallic spinel cobalt vanadate: An x-ray magnetic circular dichroism study. <i>Physical Review B</i> , 2018, 97, .	1.1	7
22	Chirality-induced effective magnetic field in a phthalocyanine molecule. <i>Applied Physics Express</i> , 2020, 13, 113001.	1.1	7
23	Effects of cobalt substitution in $\text{L}_{1-x}\text{Mn}_x\text{Pt}$ thin films. <i>Physical Review B</i> , 2017, 96, .	1.4	6
24	Control of perpendicular magnetic anisotropy at the Fe/MgO interface by phthalocyanine insertion. <i>Physical Review B</i> , 2022, 105, .	1.1	6
25	Nature of Carrier Doping in $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$ Studied by X-Ray Photoemission and Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 115004.	0.7	5
26	Voltage-controlled magnetic anisotropy in an ultrathin nickel film studied by x-ray magnetic circular dichroism spectroscopy. <i>Physical Review B</i> , 2020, 102, .	1.1	5
27	Magnetization process of the insulating ferromagnetic semiconductor (Al,Fe)Sb. <i>Physical Review B</i> , 2020, 101, .	1.1	5
28	Anisotropic Spin Distribution and Perpendicular Magnetic Anisotropy in a Layered Ferromagnetic Semiconductor $(\text{Ba,K})(\text{Zn,Mn})_2\text{As}_2$ . <i>ACS Applied Electronic Materials</i> , 2021, 3, 789-794.	2.0	5
29	Low Gilbert damping in epitaxial thin films of the nodal-line semimetal $\text{D}_{0z}\text{Fe}_3\text{Ga}$ . <i>Physical Review B</i> , 2021, 103, .	1.1	5
30	Influence of epitaxial strain on the perpendicular magnetic anisotropy of Fe/MgO systems. <i>Physical Review B</i> , 2021, 104, .	1.1	5
31	Electron Correlation Enhances Orbital Polarization at a Ferromagnetic Metal/Insulator Interface: Depth-Resolved X-ray Magnetic Circular Dichroism and First-Principles Study. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1794-1799.	2.0	5
32	Connection between coherent phonons and electron-phonon coupling in Sb (111). <i>Physical Review B</i> , 2022, 105, .	1.1	5
33	Sizable spin-transfer torque in the Bi/Ni <sub>80</sub> Fe <sub>20</sub> bilayer film. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	4
34	Cr doping-induced ferromagnetism in the spin-glass $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ studied by x-ray magnetic circular dichroism. <i>Physica B: Condensed Matter</i> , 2022, , 414129.	1.3	4
35	Local Magnetic States of the Weakly Ferromagnetic Iron-Based Superconductor $\text{Sr}_2\text{VFeAsO}_3$ Studied by X-ray Magnetic Circular Dichroism. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 105001.	0.7	2
36	Reduced magnetocrystalline anisotropy of $\text{CoFe}_2\text{O}_4$ thin films studied by angle-dependent x-ray magnetic circular dichroism. <i>AIP Advances</i> , 2021, 11, 085317.	0.6	2

#	ARTICLE	IF	CITATIONS
37	Hard and soft x-ray photoemission spectroscopy study of the new Kondo system SmO thin film. <i>Physical Review Materials</i> , 2020, 4, .	0.9	1
38	Development of magnetism in Fe-doped magnetic semiconductors: Resonant photoemission and x-ray magnetic circular dichroism studies of (Ga,Fe)As. <i>Physical Review B</i> , 2022, 105, .	1.1	1
39	Anisotropic Charge Distribution Induced by Spin Polarization in La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> Thin Films Studied by X-ray Magnetic Linear Dichroism. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 114713.	0.7	0
40	Temperature Evolution of Magnetic Phases Near the Thickness-Dependent Metal-Insulator Transition in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> Thin Films Observed by XMCD. , 2020, , .		0
41	Magnetic Properties and Electronic Configurations of Mn Ions in the Diluted Magnetic Semiconductor Ba <sub>1-x</sub> K <sub>x</sub> (Zn <sub>1-y</sub> Mn <sub>y</sub> ) <sub>2</sub> Studied by X-ray Magnetic Circular Dichroism and Resonant Inelastic X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .		