

Ayumi Harasawa

List of Publications by Year in descending order

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papers

793
citations

623734

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33
all docs

33
docs citations

33
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	New soft X-ray beamline BL07LSU at SPring-8. Journal of Synchrotron Radiation, 2014, 21, 352-365.	2.4	110
2	Spin texture in type-II Weyl semimetal WTe_2 . Physical Review B, 2016, 94, .	12.8	110
3	Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains. Nature Materials, 2021, 20, 473-479.	27.5	98
4	High-resolution three-dimensional spin- and angle-resolved photoelectron spectrometer using vacuum ultraviolet laser light. Review of Scientific Instruments, 2016, 87, 053111.	1.3	69
5	Visualization of the strain-induced topological phase transition in a quasi-one-dimensional superconductor TaSe3. Nature Materials, 2021, 20, 1093-1099.	27.5	57
6	Large out-of-plane spin polarization in a spin-splitting one-dimensional metallic surface state on Si(557)-Au. Physical Review B, 2010, 82, .	3.2	55
7	Observation and control of the weak topological insulator state in ZrTe5. Nature Communications, 2021, 12, 406.	12.8	43
8	Spin-dependent quantum interference in photoemission process from spin-orbit coupled states. Nature Communications, 2017, 8, 14588.	12.8	34
9	Antiferromagnetic Domain Structure Imaging of Cleaved NiO(100) Surface Using Nonmagnetic Linear Dichroism at O K Edge: Essential Effect of Antiferromagnetic Crystal Distortion. Journal of the Physical Society of Japan, 2004, 73, 2932-2935.	1.6	31
10	Development and trial measurement of synchrotron-radiation-light-illuminated scanning tunneling microscope. Review of Scientific Instruments, 2004, 75, 2149-2153.	1.3	27
11	Rashba spin splitting of L -gap surface states on Ag(111) and Cu(111). Physical Review B, 2018, 98, .	3.2	24
12	Spectroscopy Studies of Temperature-Induced Valence Transition on $\text{EuNi}_2(\text{Si}_{1-x}\text{Ge}_x)_2$ around $\text{Eu } 3d \rightarrow 4f$, $4d \rightarrow 4f$ and $\text{Ni } 2p \rightarrow 3d$ Excitation Regions. Journal of the Physical Society of Japan, 2002, 71, 148-155.	1.6	23
13	Electronic Structure of CeB_6 Studied by 3dXPS and High-Resolution 4d-4f Resonant Photoemission. Journal of the Physical Society of Japan, 1995, 64, 302-307.	1.6	19
14	Nonvortical Rashba Spin Structure on a Surface with C_{1h} Symmetry. Physical Review Letters, 2016, 117, 016803.	7.8	15
15	Giant Rashba splitting of quasi-one-dimensional surface states on $\text{Bi}/\text{InAs}(110)$ - $\sqrt{2} \times \sqrt{2}$. Physical Review B, 2018, 98, .	12.8	14
16	Plasmon Loss in Al 2p Core-level Photoelectron Spectroscopy.. Hyomen Kagaku, 2001, 22, 497-503.	0.0	13
17	Electronic Structures of CeNi_2Al_5 and CeNiAl_4 Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2000, 69, 3095-3099.	1.6	11
18	Enhanced spin relaxation in an ultrathin metal film by the Rashba-type surface. Physical Review B, 2011, 83, .	3.2	11

