

Takeshi Nakagawa

List of Publications by Year in descending order

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45
papers

488
citations

687363

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g-index

46
all docs

46
docs citations

46
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and magnetic properties of iron nitride thin films on Cu(001). Physical Review B, 2010, 81, .	3.2	42
2	Transition between tetramer and monomer phases driven by vacancy configuration entropy on Bi α -Ag(001). Physical Review B, 2007, 75, .	3.2	38
3	Magnetic Circular Dichroism near the Fermi Level. Physical Review Letters, 2006, 96, 237402.	7.8	36
4	Direct Synthesis of Vanadium Phthalocyanine and Its Electronic and Magnetic States in Monolayers and Multilayers on Ag(111). Journal of Physical Chemistry C, 2015, 119, 9805-9815.	3.1	36
5	Enhancements of Spin and Orbital Magnetic Moments of Submonolayer Co on Cu(001) Studied by X-ray Magnetic Circular Dichroism Using Superconducting Magnet and Liquid He Cryostat. Japanese Journal of Applied Physics, 2008, 47, 2132.	1.5	33
6	Molecular Orientation and Electronic States of Vanadyl Phthalocyanine on Si(111) and Ag(111) Surfaces. Journal of Physical Chemistry C, 2013, 117, 22843-22851.	3.1	30
7	Measurements of threshold photoemission magnetic dichroism using ultraviolet lasers and a photoelastic modulator. Review of Scientific Instruments, 2007, 78, 023907.	1.3	28
8	Magnetic circular dichroism for surface and thin film magnetism: Measurement techniques and surface chemical applications. International Reviews in Physical Chemistry, 2008, 27, 449-505.	2.3	27
9	Growth of Si on Ag(111) and determination of large commensurate unit cell of high-temperature phase. Japanese Journal of Applied Physics, 2015, 54, 015502.	1.5	26
10	X-ray absorption spectroscopy and magnetic circular dichroism in codeposited C ₆₀ -Co films with giant tunnel magnetoresistance. Chemical Physics Letters, 2009, 470, 244-248.	2.6	19
11	Opposite spin reorientation transitions driven by a magnetic orbital moment: Ultrathin Ni films on Cu surfaces. Physical Review B, 2005, 71, .	3.2	18
12	Magnetic Interactions of Vanadyl Phthalocyanine with Ferromagnetic Iron, Cobalt, and Nickel Surfaces. Journal of Physical Chemistry C, 2014, 118, 17633-17637.	3.1	17
13	Magnetic circular dichroism photoemission electron microscopy using laser and threshold photoemission. Journal of Physics Condensed Matter, 2009, 21, 314010.	1.8	14
14	Effect of surface chemisorption on the spin reorientation transition in magnetic ultrathin Fe film on Ag(001). Surface Science, 2006, 600, 4605-4612.	1.9	13
15	Characterization and magnetic properties of iron nanoparticles deposited on Si		

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19	Laser induced threshold photoemission magnetic circular dichroism and its application to photoelectron microscope. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 356-364.	1.7	8
20	Structure determination of the ordered $(2\sqrt{3}\times\sqrt{3})$ phase of Ni ₂ Si and Ni ₂ Ge surface alloys on Ni(111) via low-energy electron diffraction. Surface Science, 2015, 642, 1-5.	1.9	7
21	Magnetization process of Co/Pd(111) thin films: Chemisorption-induced spin-reorientation transition. Surface Science, 2008, 602, 1999-2003.	1.9	6
22	Spin reorientation transitions of Ni/Pd(111) films induced by Fe deposition. Physical Review B, 2010, 81, .	3.2	6
23	Ferromagnetic interlayer coupling in C ₆₀ @Co compound/Ni bilayer structure. Chemical Physics Letters, 2011, 511, 68-72.	2.6	5
24	Boron nanostructure formation on Mo(112) surface. Surface Science, 2022, 724, 122145.	1.9	5
25	Giant magnetic anisotropy energy and coercivity in Fe island and atomic wire on W(110). Physical Review B, 2012, 86, .	3.2	4
26	Structure determination of the ordered $(2\sqrt{3}\times\sqrt{3})$ phase of NiSi surface alloy on Ni(111) using low-energy electron diffraction. Japanese Journal of Applied Physics, 2015, 54, 125701.	1.5	4
27	1D chain formation by coadsorption of Pb and Bi on Cu(001): Determination using low energy electron diffraction. Surface Science, 2017, 664, 70-75.	1.9	4
28	Effect of adsorbate carbon on spin reorientation transitions in Cu-capped ultrathin Ni films on Cu(001). Surface Science, 2005, 599, 262-269.	1.9	3
29	Magnetic circular dichroism study of ultrathin Ni films by threshold photoemission and angle resolved photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 164-167.	1.7	3
30	Step-by-step growth of an epitaxial Si ₄ O ₅ N ₃ single layer on SiC(0001) in ultrahigh vacuum. Surface Science, 2017, 661, 22-27.	1.9	3
31	Structural investigation and magnetic properties of oxygen adsorption on ultrathin Fe(110) film. Surface Science, 2019, 685, 34-39.	1.9	3
32	Morphology and magnetism of Fe on graphene and thick graphite grown on SiC. Applied Surface Science, 2020, 505, 144209.	6.1	3
33	Growth and surface structure analysis of a new SiON single layer on SiC(0001). Surface Science, 2014, 628, 148-152.	1.9	2
34	Interfacial Magnetic Behaviors and Chemical States of Fe Grown on MoS ₂ . Physica Status Solidi (B): Basic Research, 2021, 258, 2100124.	1.5	2
35	Investigation of $c(2\sqrt{3}\times\sqrt{3})$ Phase of Pb and Bi Coadsorption on Cu(001) by Low Energy Electron Diffraction. Evergreen, 2017, 4, 10-15.	0.5	2
36	Surface Magneto-Optic Kerr Effect. , 2018, , 667-671.		1

#	ARTICLE	IF	CITATIONS
37	Investigation of Magnetic Dead Layer on Iron Silicide Surfaces. E-Journal of Surface Science and Nanotechnology, 2018, 16, 101-104.	0.4	1
38	Publisher's Note: Opposite spin reorientation transitions driven by a magnetic orbital moment: Ultrathin Ni films on Cu surfaces [Phys. Rev. B71, 235403 (2005)]. Physical Review B, 2005, 72, .	3.2	0
39	Study the surface structure evolution of Si-adsorption on Ag(111) by LEED-AES. , 2014, , .		0
40	Surface structure study and structure determination of (√3 × √3)R 30° phase of Si-adsorption on Ni(111) by LEED. , 2015, , .		0
41	Coadsorption study of Pb and Sb on Cu(001) by low energy electron diffraction. , 2017, , .		0
42	Optimization of growth procedure for silicon oxinitride ($\text{Si}_4\text{O}_5\text{N}_3$) single-layer on SiC(0001). , 2018, , .		0
43	Ordered mixed rows of (Pb^-Sn) and (Pb^-Sb) on Cu(001): A coadsorption study and structure determination using low energy electron diffraction. Surface Science, 2018, 677, 128-134.	1.9	0
44	Photoemission Electron Microscopy using Magnetic Circular Dichroism with Laser. Hyomen Kagaku, 2009, 30, 332-338.	0.0	0
45	Photoemission Magnetic Circular Dichroism using Laser. Journal of the Vacuum Society of Japan, 2009, 52, 589-594.	0.3	0