

Sudipta Roy Barman

List of Publications by Year in descending order

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all docs

169
docs citations

169
times ranked

4162
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure of early 3d-transition-metal oxides by analysis of the 2pcore-level photoemission spectra. Physical Review B, 1996, 53, 1161-1170.	1.1	319
2	Band Theory for Ground-State Properties and Excitation Spectra of Perovskite LaMO_3 (M=Mn, Fe, Co). <i>Tj ETQq0 0 0 ggBT /Overlock 10 Tf</i>	2.9	266
3	Physical properties of ZnO thin films deposited at various substrate temperatures using spray pyrolysis. Physica B: Condensed Matter, 2010, 405, 2226-2231.	1.3	155
4	Large negative magnetoresistance in a ferromagnetic shape memory alloy: $\text{Ni}_{2+x}\text{Mn}_{1-x}\text{Ga}$. Applied Physics Letters, 2005, 86, 202508.	1.5	138
5	Structural and electronic properties of Ni_2MnGa . Physical Review B, 2005, 72, .	1.1	108
6	Gd/Sm dopant-modified oxidation state and defect generation in nano-ceria. Solid State Ionics, 2014, 260, 21-29.	1.3	107
7	Covalency-driven unusual metal-insulator transition in nickelates. Physical Review B, 1994, 49, 8475-8478.	1.1	105
8	Theoretical prediction and experimental study of a ferromagnetic shape memory alloy: $\text{Ni}_{2+x}\text{Mn}_{1-x}\text{Ga}$. Physical Review B, 2008, 78, .	1.1	105
9	Electrooxidation of Methanol in Sulfuric Acid Electrolyte on Platinized Carbon Electrodes with Several Functional Group Characteristics. Journal of the Electrochemical Society, 1994, 141, 1517-1522.	1.3	102
10	Designing shape-memory Heusler alloys from first-principles. Applied Physics Letters, 2011, 99, .	1.5	91
11	Structural studies of $\text{Ni}_{2+x}\text{Mn}_{1-x}\text{Ga}$ by powder x-ray diffraction and total energy calculations. Physical Review B, 2007, 75, .	1.1	90
12	Visible light catalysis of rhodamine B using nanostructured Fe_2O_3 , TiO_2 and $\text{TiO}_2/\text{Fe}_2\text{O}_3$ thin films. Journal of Photochemistry and Photobiology B: Biology, 2014, 133, 90-98.	1.7	90
13	Martensitic transition, ferrimagnetism and Fermi surface nesting in Mn_2NiGa . Europhysics Letters, 2007, 80, 57002.	0.7	89
14	Spin-Valve-Like Magnetoresistance in Mn_2NiGa at Room Temperature. Physical Review Letters, 2012, 109, 246601.	1.5	84
15	Methanol oxidation on carbon-supported platinum-tin electrodes in sulfuric acid. Journal of Power Sources, 1994, 50, 295-309.	4.0	83
16	Powder x-ray diffraction study of the thermoelastic martensitic transition in $\text{Ni}_2\text{Mn}_{1.05}\text{Ga}_{0.95}$. Physical Review B, 2006, 74, .	1.1	74
17	Comment on "Physical and electronic structure and magnetism of Mn_2NiGa : Experiment and density-functional theory calculations". Physical Review B, 2008, 77, .	1.1	74
18	Magnetocaloric effect in HoMnO_3 crystal. Applied Physics Letters, 2010, 96, .	1.5	73

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19	Influence of Ni doping on the electronic structure of Ni ₂ MnGa. Physical Review B, 2005, 72, .	1.1	67
20	Theoretical prediction of shape memory behavior and ferrimagnetism in Mn ₂ NiIn. Applied Physics Letters, 2009, 94, 161908.	1.5	67
21	Valence band discontinuity at a cubic GaN/GaAs heterojunction measured by synchrotron-radiation photoemission spectroscopy. Applied Physics Letters, 1997, 70, 2407-2409.	1.5	56
22	Plasmons in core-level photoemission spectra of Al(111). Physical Review B, 2003, 67, .	1.1	55
23	Spectral functions in doped transition metal oxides. Europhysics Letters, 1996, 36, 307-312.	0.7	53
24	Structural transformations in Mn ₂ NiGa due to residual stress. Applied Physics Letters, 2010, 96, .	1.5	52
25	Effect of growth temperature on structural, electrical and optical properties of dual ion beam sputtered ZnO thin films. Journal of Materials Science: Materials in Electronics, 2013, 24, 2541-2547.	1.1	52
26	Phase diagram and electronic structure of Ni ₂ +xMn _{1-2x} Ga. Physical Review B, 2006, 74, .	1.1	50
27	Antiferromagnetic exchange interactions in the Ni ₂ Mn _{1.4} In ferromagnetic shape-memory alloy. Physical Review B, 2008, 77, .	1.1	50
28	Photoelectron-spectroscopy investigation of the spin-state transition in LaCoO ₃ . Physical Review B, 1994, 49, 13979-13982.	1.1	49
29	Magnetoresistance behavior of ferromagnetic shape memory alloy Ni ₂ Mn _{1.75} In. Physical Review B, 2008, 77, .	1.1	49
30	Theoretical analysis of x-ray-absorption near-edge fine structure at the O and metal K edges of LaFeO ₃ and LaCoO ₃ . Physical Review B, 1997, 56, 2228-2233.	1.1	48
31	Optimization of smart Heusler alloys from first principles. Journal of Alloys and Compounds, 2013, 577, S107-S112.	2.8	46
32	Premartensite to martensite transition and its implications for the origin of modulation in Ni ₂ Mn ₂ Ga ferromagnetic shape-memory alloy. Physical Review B, 2015, 92, .	1.1	46
33	Magnetic Compton scattering study of Ni ₂ +xMn _{1-2x} Ga ferromagnetic shape-memory alloys. Physical Review B, 2007, 75, .	1.1	45
34	Enhanced surface metallic density of states in icosahedral quasicrystals. Physical Review B, 1998, 58, 734-738.	1.1	44
35	Synthesis of nanosize and sintered Mn _{0.3} Ni _{0.3} Zn _{0.4} Fe ₂ O ₄ ferrite and their structural and dielectric studies. Journal of Alloys and Compounds, 2013, 555, 225-231.	2.8	44
36	Atomic-scale structure of the fivefold surface of an AlPdMn quasicrystal: A quantitative x-ray photoelectron diffraction analysis. Physical Review B, 2004, 69, .	1.1	43

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37	High-resolution synchrotron x-ray powder diffraction study of the incommensurate modulation in the martensite phase of NiMn_2MnGa . Evidence for nearly 7M modulation and phase broadening. <i>Physical Review B</i> , 2014, 89, .	1.1	43
38	Electronic structure of TiO_x ($0.8 < x < 1.3$) with disordered and ordered vacancies. <i>Physical Review B</i> , 1994, 49, 16141-16148.	1.1	42
39	Importance of dynamical effects in determining the Auger spectral shape: L23-M45M45 spectra of Fe, Co, and Cu. <i>Physical Review B</i> , 1993, 48, 6822-6831.	1.1	41
40	Electronic structures of gallium and indium across the solid-liquid transition. <i>Physical Review B</i> , 1995, 51, 4007-4013.	1.1	39
41	Investigation of the L3-M45M45 Auger spectra of Cu, Cu_2O and CuO . <i>Journal of Physics Condensed Matter</i> , 1992, 4, 7607-7616.	0.7	36
42	An ultrahigh vacuum compatible sample holder for studying complex metal surfaces. <i>Review of Scientific Instruments</i> , 2010, 81, 043907.	0.6	34
43	Electronic excitations on silver surfaces. <i>Physical Review B</i> , 2004, 69, .	1.1	33
44	Effective utilization of spray pyrolyzed CeO_2 as optically passive counter electrode for enhancing optical modulation of WO_3 . <i>Solid State Ionics</i> , 2009, 180, 1324-1331.	1.3	33
45	Photoinduced plasmon excitations in alkali-metal overlayers. <i>Physical Review B</i> , 1998, 57, 6662-6665.	1.1	32
46	Argon Nanobubbles in $\text{Al}(111)$: A Photoemission Study. <i>Physical Review Letters</i> , 2004, 92, 115506.	2.9	32
47	Versatile UHV compatible Knudsen type effusion cell. <i>Review of Scientific Instruments</i> , 2004, 75, 4467-4470.	0.6	32
48	Variation of magnetoresistance in $\text{Ni}_{2+x}\text{Mn}_{1-x}\text{Ga}$ with composition. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	32
49	Green luminescence and room temperature ferromagnetism in Cu doped ZnO . <i>Applied Physics Letters</i> , 2013, 102, .	1.5	32
50	Residual stress induced stabilization of martensite phase and its effect on the magnetostructural transition in Mn-rich Ni-Mn-In/Ga magnetic shape-memory alloys. <i>Physical Review B</i> , 2015, 92, .	1.1	32
51	Coexistence of charge-density wave and ferromagnetism in NiMn_2MnGa . <i>Physical Review B</i> , 2012, 85, .	1.1	31
52	The effect of bath temperature on the electrodeposition of zinc oxide thin films via an acetate medium. <i>Semiconductor Science and Technology</i> , 2008, 23, 085013.	1.0	30
53	Photoemission study of the (100) surface of Ni_2MnGa and Mn_2NiGa ferromagnetic shape memory alloys. <i>Surface Science</i> , 2009, 603, 1999-2004.	0.8	30
54	Collective and single-particle excitations in the photoyield spectrum of Al. <i>Physical Review B</i> , 1998, 58, R4285-R4288.	1.1	27

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55	Electron-phonon interaction and size effect study in catalyst based zinc oxide thin films. Journal of Molecular Structure, 2010, 984, 186-193.	1.8	27
56	Existence of modulated structure and negative magnetoresistance in Ga excess Ni-Mn-Ga. Applied Physics Letters, 2011, 99, .	1.5	27
57	Swift heavy ion irradiation-induced modifications in the electrical and surface properties of In^{2+} -Ga $_{2}\text{O}_3$. Applied Physics Letters, 2020, 117, .	1.5	27
58	Bulk Electronic Structure of Quasicrystals. Physical Review Letters, 2012, 109, 216403.	2.9	26
59	(3 + 1)D superspace description of the incommensurate modulation in the premartensite phase of $\text{Ni}_{2-x}\text{MnGa}$: a high resolution synchrotron x-ray powder diffraction study. Journal of Physics Condensed Matter, 2013, 25, 212203.	0.7	26
60	Understanding the 2p core-level spectra of manganese: Photoelectron spectroscopy experiments and Anderson impurity model calculations. Physical Review B, 2007, 75, .	1.1	25
61	Compton scattering studies of Mn-rich Ni-Mn-Ga ferromagnetic shape memory alloys. Physical Review B, 2009, 79, .	1.1	25
62	Inverse magnetocaloric effect in Mn_2NiGa and $\text{Mn}_{1.75}\text{Ni}_{1.25}\text{Ga}$ magnetic shape memory alloys. Applied Physics Letters, 2014, 104, 051905.	1.5	25
63	Electronic structure of Au-Sn compounds grown on Au(111). Physical Review B, 2019, 100, .	1.1	25
64	Xe and Ar nanobubbles in Al studied by photoemission spectroscopy. Physical Review B, 2008, 77, .	1.1	24
65	Investigation of the influence of hydrostatic pressure on the magnetic and magnetocaloric properties of $\text{Ni}_{2-x}\text{Mn}_{1+x}\text{Ga}$ ($x=0, 0.15$) Heusler alloys. Journal of Applied Physics, 2013, 114, .	1.1	24
66	Quantum Well Behavior without Confining Barrier Observed via Dynamically Screened Photon Field. Physical Review Letters, 2001, 86, 5108-5111.	2.9	22
67	Growth and electronic structure of alkali-metal adlayers on icosahedral $\text{Al}_{70.5}\text{Pd}_{21}\text{Mn}_{8.5}$. Physical Review B, 2006, 73, .	1.1	21
68	Modulated structure in the martensite phase of $\text{Ni}_{1.8}\text{Pt}_{0.2}\text{MnGa}$: A neutron diffraction study. Applied Physics Letters, 2012, 101, .	1.5	21
69	Magnetic properties and magnetocaloric effect in Pt doped Ni-Mn-Ga. Applied Physics Letters, 2014, 104, 231909.	1.5	21
70	Optimal operating conditions and characteristics of acetone-CaF $_2$ detector for inverse photoemission spectroscopy. Review of Scientific Instruments, 2005, 76, 066102.	0.6	19
71	Plasmon Excitations by Photoelectron Emission from Rare Gas Nanobubbles in Aluminum. Physical Review Letters, 2010, 104, 036803.	2.9	19
72	Investigations on the electronic transport and piezoresistivity properties of $\text{Ni}_{2-x}\text{Mn}_{1+x}\text{Ga}$ ($x=0$ and $x=0.15$) and Ni_2MnGa . Journal of Applied Physics, 2019, 125, 194101.	1.5	19

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73	Resolution of the Negative U Problem in Early Transition Metals: A Reinterpretation of the LVAuger Spectra. Physica Scripta, 1992, T41, 184-186.	1.2	17
74	Dielectric function and optical conductivity of TiO _x (0.8 < x < 1.3) determined from electron energy-loss spectroscopy. Physical Review B, 1995, 52, 14526-14530.	1.1	17
75	Order-disorder and electronic transitions in Ag ₂ +S single crystals studied by photoemission spectroscopy. Physical Review B, 1996, 53, 3746-3751.	1.1	17
76	Evolution of Spectral Functions in Doped Transition Metal Oxides. International Journal of Modern Physics B, 1997, 11, 3849-3857.	1.0	17
77	Collective excitations in alkali metals on Al(111). Physical Review B, 2001, 64, .	1.1	17
78	Quasiperiodic layers of free-electron metals studied using electron diffraction. Physical Review B, 2009, 79, .	1.1	17
79	Incommensurate modulations in stoichiometric Ni ₂ MnGa ferromagnetic shape memory alloy: an overview. Zeitschrift Fur Kristallographie - Crystalline Materials, 2015, 230, 13-22.	0.4	17
80	Core and valence level photoemission and photoabsorption study of icosahedral Al-Pd-Mn quasicrystals. Journal of Physics Condensed Matter, 2006, 18, 435-448.	0.7	16
81	Electronic structure of \pm and $-$ unoccupied electronic states of LaCo_3	1.1	16
82	Unoccupied electronic states of LaCo_3 and LaMnO_3	1.1	16
83	High energy resolution bandpass photon detector for inverse photoemission spectroscopy. Review of Scientific Instruments, 2011, 82, 093901.	0.6	16
84	Role of Cobalt Doping in CdS Quantum Dots for Potential Application in Thin Film Optoelectronic Devices. Journal of Physical Chemistry C, 2021, 125, 2074-2088.	1.5	16
85	Quasiperiodic ordering in thick Sn layer on i -Al-Pd-Mn: A possible quasicrystalline clathrate. Physical Review Research, 2020, 2, .	1.3	16
86	Collective excitations on silver surfaces studied by photoyield. Surface Science, 2004, 566-568, 538-543.	0.8	15
87	Temperature dependent spin momentum densities in Ni-Mn-In alloys. Journal of Physics Condensed Matter, 2010, 22, 446001.	0.7	15
88	Ni ₂ MnGa(100) ferromagnetic shape memory alloy: A surface study. Surface Science, 2012, 606, 130-136.	0.8	15
89	Temporal evolution and nature of nanostructures on Au(111). Surface Science, 2014, 625, 97-103.	0.8	15
90	Competing tetragonal and monoclinic phases in Ni _{2.2} Mn _{0.80} Ga. Journal of Applied Physics, 2009, 106, 033510.	1.1	14

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109	X-ray photoelectron spectroscopy study of sputter-annealed Ni _{2.1} Mn _{0.9} Ga surface. Applied Surface Science, 2006, 252, 3380-3385.	3.1	9
110	Manganese adlayers on i-Alâ€“Pdâ€“Mn quasicrystal: growth and electronic structure. Journal of Physics Condensed Matter, 2009, 21, 405005.	0.7	9
111	Magnetic interactions and electronic structure of Niâ€“Mnâ€“In. Journal of Electron Spectroscopy and Related Phenomena, 2016, 208, 33-39.	0.8	9
112	Anderson localization of electron states in a quasicrystal. Physical Review B, 2021, 103, .	1.1	9
113	Formation of ãƒ¥c texture of tungsten disulfide thin films with nickel. Applied Surface Science, 2007, 253, 3489-3495.	3.1	8
114	Bimodal distribution of neon nanobubbles in aluminum. Physical Review B, 2009, 79, .	1.1	8
115	Depth-resolved positron annihilation studies of argon nanobubbles in aluminum. Journal of Applied Physics, 2009, 105, 054304.	1.1	8
116	Electronic structure of from photoemission and inverse photoemission spectroscopies. Physica B: Condensed Matter, 2010, 405, 186-191.	1.3	8
117	An x-ray absorption spectroscopy study of Niâ€“Mnâ€“Ga shape memory alloys. Journal of Physics Condensed Matter, 2013, 25, 046001.	0.7	8
118	Influence of the contact potential and space-charge effect on the performance of a Stoffel-Johnson design electron source for inverse photoemission spectroscopy. Review of Scientific Instruments, 2014, 85, 033301.	0.6	8
119	Growth and exploration of visible-light-driven enhanced photocatalytic activity of Cu ₁ â€“xCr _x S/CdS heterojunction thin film for active dye degradation. Applied Physics A: Materials Science and Processing, 2022, 128, .	1.1	8
120	Core electron spectroscopic studies of YNi ₂ B ₂ C. Solid State Communications, 1996, 98, 813-817.	0.9	7
121	Core electron spectroscopic studies of YNi ₂ B ₂ C. Solid State Communications, 1996, 99, 23-27.	0.9	7
122	Electronic band structure of zinc blende. Physical Review B, 1998, 58, 7053-7058.	1.1	7
123	Note: Characterization of CaF ₂ /acetone bandpass photon detector with Kr filter gas. Review of Scientific Instruments, 2012, 83, 046107.	0.6	7
124	Chromium Nano-Islands on Au(111). E-Journal of Surface Science and Nanotechnology, 2014, 12, 49-52.	0.1	7
125	Surface Study of Ni₂/sub>MnGa(100). Materials Science Forum, 0, 684, 215-230.	0.3	6
126	Electronic structure of Fe ₂ CrSn. Physica B: Condensed Matter, 2012, 407, 3547-3550.	1.3	6

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127	Bulk electronic structure of high-order quaternary approximants. Physical Review Research, 2021, 3, .	1.3	6
128	Photoemission study of Al adlayers on Mn. Physical Review B, 2011, 84, .	1.1	5
129	Atomic adsorption of Sn on mechanically cleaved WS ₂ surface at room temperature. Surface Science, 2020, 701, 121685.	0.8	5
130	X-ray photoelectron spectroscopy study of a layered tri-chalcogenide system LaTe ₃ . AIP Conference Proceedings, 2020, , .	0.3	5
131	Synchrotron Study of the Dynamical Effects in the LVVAuger Transitions in the First-Row Transition Elements. Physica Scripta, 1992, T41, 187-189.	1.2	5
132	Novel spectralevolution with electron doping in d ⁰ transition metal oxides. Physica B: Condensed Matter, 1996, 223-224, 496-500.	1.3	4
133	Photon-excited collective modes in a surface alloy. Physical Review B, 2000, 61, 12721-12724.	1.1	4
134	Surface composition and electronic structure of Ni _{2+x} Mn _{1-x} Ga studied by X-ray photoelectron spectroscopy. Surface Science, 2006, 600, 3749-3752.	0.8	4
135	Structural, Thermal and Magnetic Properties of Ga Excess Ni-Mn-Ga. Materials Science Forum, 2009, 635, 43-47.	0.3	4
136	Comparative study on passivation of GaAs _{0.86} P _{0.14} /Al _{0.6} Ga _{0.4} As near-surface quantum well. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2010, 28, 1319-1325.	0.9	4
137	Blueshift in sulfur treated GaAsP/AlGaAs near surface quantum well. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2012, 30, 021401.	0.9	4
138	Inverse photoemission and photoemission spectroscopic studies on sputter-annealed Ni ⁴⁺ Mn ⁴⁺ Sn and Ni ⁴⁺ Mn ⁴⁺ In surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2014, 197, 106-111.	0.8	4
139	Intermediate stages of surface state formation and collapse of topological protection to transport in Bi ₂ Se ₃ . Journal of Physics Condensed Matter, 2017, 29, 185001.	0.7	4
140	Photoexcited collective modes in thin alkali layers adsorbed on Al. Nuclear Instruments & Methods in Physics Research B, 2001, 182, 102-108.	0.6	3
141	Unoccupied electronic structure of Ni ₂ MnGa ferromagnetic shape memory alloy. Solid State Communications, 2015, 222, 1-4.	0.9	3
142	Quasiperiodic Sn monolayer on 10-fold Al-Ni-Co quasicrystal surface at room temperature. AIP Conference Proceedings, 2019, , .	0.3	3
143	Nearly-grazing-incidence-high-temperature sputtering of Ruthenium(0001) surface. Applied Surface Science, 2021, 563, 150067.	3.1	3
144	Electronic structure of Al_3Mg_2 and Al_{13}	1.1	3

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145	Electronic Structure of Transition Metal Compounds. Springer Series in Solid-state Sciences, 1995, , 126-138.	0.3	2
146	Studies of Valence Band Alignment Between Nitrided GaPN/GaP (111) Interface Using X-ray Photoelectron Spectroscopy. AIP Conference Proceedings, 2011, , .	0.3	2
147	Nano-donuts on metal surfaces. Applied Surface Science, 2015, 332, 260-265.	3.1	2
148	Surface alloying in Sn/Au(111) at elevated temperature. AIP Conference Proceedings, 2018, , .	0.3	2
149	Parameter dependent fabrication of Chromium nano-structures on Au(111) surface. Surface Science, 2019, 679, 169-173.	0.8	2
150	Surface termination and thickness dependent magnetic coupling of Cr adlayers on Ni ₂ MnGa(001) surfaces: An ab initio study. Journal of Magnetism and Magnetic Materials, 2021, 540, 168398.	1.0	2
151	<I>p</I>-Type Formation Mechanism of Codoped and Tridoped ZnO Thin Films. Science of Advanced Materials, 2013, 5, 462-468.	0.1	2
152	Aperiodically ordered nano-graphene on the quasicrystalline substrate. New Journal of Physics, 2020, 22, 093056.	1.2	2
153	In-situ STS studies and first principles calculations on bare and Sn adsorbed UHV exfoliated WS ₂ layers. IOP Conference Series: Materials Science and Engineering, 2022, 1221, 012046.	0.3	2
154	Photon Detector For Inverse Photoemission Spectroscopy With Improved Energy Resolution. AIP Conference Proceedings, 2011, , .	0.3	1
155	Electronic structure of Ni ₂ MnSn: Experiment and theory. , 2012, , .		1
156	Dopant Induced-Modulation in Reducing Ability of Cerium in Doped Ceria System and Its Effect on Oxy-Ion Conductivity: Core Study by XPS and XANES Probes. ECS Journal of Solid State Science and Technology, 2021, 10, 101010.	0.9	1
157	Study of single grain decagonal Al-Ni-Co quasicrystal surface. AIP Conference Proceedings, 2020, , .	0.3	1
158	The electronic structure of intermetallic borocarbide and related superconductors from high energy spectroscopy. Journal of Low Temperature Physics, 1996, 105, 1617-1622.	0.6	0
159	Domain Structures across the Martensitic Transformation in Ni _{2-x} Mn _{1-x} Ga. Materials Science Forum, 0, 635, 69-74.	0.3	0
160	Modulation on Ni ₂ MnGa(001) surface. , 2011, , .		0
161	Magnetoresistance Studies on Ga Excess Ni-Mn-Ga Ferromagnetic Shape Memory Alloy. , 2011, , .		0
162	Near E _F Electronic Structure of Graphite from Photoemission and Inverse Photoemission Studies. , 2011, , .		0

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163	Mn deposition on Ni ₂ MnGa(100). , 2012, , .		0
164	Electronic structure of the unoccupied electron energy states in FeSe _{1-x} Tex. Solid State Communications, 2015, 219, 48-52.	0.9	0
165	Local electronic structure of UHV cleaved WS ₂ surface: In-situ STM and STS studies. AIP Conference Proceedings, 2019, , .	0.3	0
166	Growth of Sn on Ni ₂ MnGa(100). AIP Conference Proceedings, 2020, , .	0.3	0
167	Photoemission study of desorption of monolayer argon from Au(111) surface. AIP Conference Proceedings, 2021, , .	0.3	0
168	In-situ growth of epitaxial Au-Sn films on Au(111): An XPS and LEED study. AIP Conference Proceedings, 2021, , .	0.3	0