

# Franco Ciccacci

## List of Publications by Year in descending order

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249  
papers

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87888

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263  
docs citations

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times ranked

4344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode matching in multiresonant plasmonic nanoantennas for enhanced second harmonic generation. <i>Nature Nanotechnology</i> , 2015, 10, 412-417.	31.5	421
2	AES analysis of the growth mechanism of metal layers on metal surfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1985, 3, 387-391.	2.1	103
3	Surface differential reflectivity spectroscopy of semiconductor surfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1987, 5, 327-332.	2.1	95
4	Optical Spin Injection and Spin Lifetime in Ge Heterostructures. <i>Physical Review Letters</i> , 2012, 108, 156603.	7.8	89
5	Ultrafast valley relaxation dynamics in monolayer $\text{MoS}_2$ by nonequilibrium optical techniques. <i>Physical Review B</i> , 2015, 92, .	7.8	89
6	Polarization-dependent reflectivity of $\text{Si}(111)-(2 \times 1)$ surface above the gap. <i>Physical Review B</i> , 1985, 31, 4096-4098.	3.2	82
7	Spin-Polarized Tunneling Spectroscopy in Tunnel Junctions with Half-Metallic Electrodes. <i>Physical Review Letters</i> , 2005, 95, 137203.	7.8	82
8	Intravalley Spin-Flip Relaxation Dynamics in Single-Layer $\text{WS}_2$ . <i>Nano Letters</i> , 2018, 18, 6882-6891.	9.1	82
9	Reactive metal-oxide interfaces: A microscopic view. <i>Surface Science Reports</i> , 2016, 71, 32-76.	7.2	80
10	Oxygen-induced enhancement of the spin-dependent effects in electron spectroscopies of $\text{Fe}(001)$ . <i>Physical Review B</i> , 1999, 59, 4207-4210.	3.2	79
11	Stability of Organic Cations in Solution-Processed $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskites: Formation of Modified Surface Layers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21329-21335.	3.1	79
12	Surface states in $\text{Si}(111)2 \times 1$ and $\text{Ge}(111)2 \times 1$ by optical reflectivity. <i>Solid State Communications</i> , 1980, 33, 593-595.	1.9	78
13	Oxygen vacancies and induced changes in the electronic and magnetic structures of $\text{La}_{0.66}\text{Sr}_{0.33}\text{MnO}_3$ : A combined ab initio and photoemission study. <i>Physical Review B</i> , 2007, 75, .	3.2	78
14	Experimental study of the magnetic critical behavior of the $\text{Ni}(001)$ and $\text{Ni}(110)$ surfaces (invited). <i>Journal of Applied Physics</i> , 1982, 53, 7920-7922.	2.5	77
15	Magnetic properties of interfaces and multilayers based on thin antiferromagnetic oxide films. <i>Surface Science Reports</i> , 2009, 64, 139-167.	7.2	74
16	Electron-Phonon Interaction in Optical Absorption at the $\text{Si}(111)2 \times 1$ Surface. <i>Physical Review Letters</i> , 1986, 56, 2411-2414.	7.8	69
17	On the use of the Auger technique for quantitative analysis of overlayers. <i>Thin Solid Films</i> , 1983, 109, 159-167.	1.8	65
18	Spin dependent electron absorption in $\text{Fe}(001)-p(1 \times 1)\text{O}$ : A new candidate for a stable and efficient electron polarization analyzer. <i>Applied Physics Letters</i> , 1998, 72, 2050-2052.	3.3	63

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19	Evidence for in-plane antiferromagnetic domains in ultrathin NiO films. <i>Physical Review B</i> , 1998, 58, 5201-5204.	3.2	61
20	Simultaneous probing of exchange and spin-orbit interaction in spin polarized low energy electron diffraction from magnetic surfaces. <i>European Physical Journal B</i> , 1982, 49, 129-132.	1.5	59
21	High-quality Fe(001) single crystal films on MgO(001) substrates for electron spectroscopies. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998, 16, 2277-2280.	2.1	54
22	Thin Fe films grown on Ag(100) studied by angle- and spin-resolved inverse-photoemission spectroscopy. <i>Physical Review B</i> , 1993, 48, 11298-11304.	3.2	53
23	Spin-polarized electron gun for electron spectroscopies. <i>Review of Scientific Instruments</i> , 1992, 63, 3333-3338.	1.3	52
24	Stable Alignment of Tautomers at Room Temperature in Porphyrin 2D Layers. <i>Advanced Functional Materials</i> , 2014, 24, 958-963.	14.9	51
25	Empty electron states in Fe <sub>2</sub> O <sub>3</sub> by ultraviolet inverse-photoemission spectroscopy. <i>Physical Review B</i> , 1991, 44, 10444-10448.	3.2	48
26	Direct observation of spin-resolved full and empty electron states in ferromagnetic surfaces. <i>Review of Scientific Instruments</i> , 2014, 85, 073901.	1.3	47
27	Spin voltage generation through optical excitation of complementary spin populations. <i>Nature Materials</i> , 2014, 13, 790-795.	27.5	46
28	Comparative study of the preparation of negative electron affinity GaAs photocathodes with O <sub>2</sub> and with NF <sub>3</sub> . <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1991, 9, 2991-2995.	2.1	44
29	Scanning tunneling spectroscopy of the $\langle \text{Fe} \rangle_{001}$ surface. <i>Physical Review B</i> , 2009, 79, .	3.2	43
30	Disclosing the Early Stages of Electrochemical Anion Intercalation in Graphite by a Combined Atomic Force Microscopy/Scanning Tunneling Microscopy Approach. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6088-6093.	3.1	43
31	Ultraviolet inverse photoemission spectrograph with parallel multichannel isochromat acquisition. <i>Review of Scientific Instruments</i> , 1991, 62, 639-642.	1.3	42
32	The effect of selective interactions at the interface of polymer-oxide hybrid solar cells. <i>Energy and Environmental Science</i> , 2012, 5, 9068.	30.8	42
33	Structural versus Magnetic Properties at the Surface of Fe Films during Oxygen-Assisted Homoepitaxial Growth. <i>Physical Review Letters</i> , 1999, 83, 4868-4871.	7.8	41
34	Optical detection of surface states in GaAs(110) and GaP(110). <i>Surface Science</i> , 1980, 99, 70-75.	1.9	40
35	The effect of surface states and band bending change on reflectivity of cleaved GaAs(110) and GaP(110). <i>Surface Science</i> , 1986, 168, 28-34.	1.9	40
36	Epitaxial growth and characterization of layered magnetic nanostructures. <i>Applied Surface Science</i> , 2005, 252, 1754-1764.	6.1	39

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37	Bulk Cr tips for scanning tunneling microscopy and spin-polarized scanning tunneling microscopy. Applied Physics Letters, 2007, 91, .	3.3	39
38	Effects of Au nanoparticles on the magnetic and transport properties of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ layers. Physical Review B, 2010, 81, .	3.2	39
39	GaAs $\epsilon$ Al $\epsilon$ Ga $1\hat{\sim}$ xAs superlattices as sources of polarized photoelectrons. Applied Physics Letters, 1981, 39, 615-617.	3.3	38
40	Oxygen-induced effects on the morphology of the Fe(001) surface in out-of-equilibrium conditions. Physical Review B, 2011, 83, .	3.2	38
41	Chemical effects at the buried NiO $\hat{\sim}$ Fe(001) interface. Physical Review B, 2004, 70, .	3.2	37
42	Empty electronic states in magnetic thin films: Fe on Au(100), Ag(100), and Cu(100). Physical Review B, 1995, 51, 11538-11545.	3.2	35
43	Integrity of quantum-well resonances in metallic overlayers. Physical Review B, 1996, 53, 13817-13823.	3.2	35
44	A novel electron spin-polarization detector with very large analyzing power. Review of Scientific Instruments, 1999, 70, 3572-3576.	1.3	35
45	Polarization dependence of optical transitions in GaP(1 1 0) and GaAs(1 1 0) surfaces studied with surface differential reflectivity. Solid State Communications, 1987, 62, 833-834.	1.9	33
46	Atomic corrugation in scanning tunneling microscopy images of the $\text{Fe}/\text{Fe}(001)$ interface. Physical Review B, 2010, 81, .	3.2	33
47	Spin $\hat{\sim}$ polarized photoemission from AlGaAs/GaAs heterojunction: A convenient highly polarized electron source. Applied Physics Letters, 1989, 54, 632-634.	3.3	31
48	Magnetic anisotropy of NiO epitaxial thin films on Fe(001). Physical Review B, 2004, 69, .	3.2	31
49	Low energy Mott polarimetry of electrons from negative electron affinity photocathodes. Review of Scientific Instruments, 1995, 66, 4161-4165.	1.3	30
50	Determination of the complex dielectric function of Si(111) $2\text{ \AA} - 1$ , GaAs(110) and GaP(110) surfaces by polarized surface differential reflectivity. Physica Scripta, 1988, 38, 199-203.	2.5	29
51	Empty electronic states of calcium silicides: An inverse-photoemission investigation in the ultraviolet photon range. Physical Review B, 1989, 40, 10210-10217.	3.2	29
52	Epitaxial growth and characterization of CoO/Fe(001) thin film layered structures. Thin Solid Films, 2008, 516, 7519-7524.	1.8	29
53	Spin-Hall Voltage over a Large Length Scale in Bulk Germanium. Physical Review Letters, 2017, 118, 167402.	7.8	29
54	Spin $\hat{\sim}$ polarized photoelectron emission study of Al $\epsilon$ Ga $1\hat{\sim}$ xAs alloys grown by molecular beam epitaxy. Journal of Applied Physics, 1982, 53, 4395-4398.	2.5	28

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55	High-sensitivity bandpass UV photon detector for inverse photoemission. Measurement Science and Technology, 1993, 4, 234-236.	2.6	28
56	Epitaxial thin NiO films grown on Fe(001) and the effect of temperature. Surface Science, 2002, 518, 234-242.	1.9	28
57	Plasmon-photon interaction in metal nanoparticles: Second-quantization perturbative approach. Physical Review B, 2012, 86, .	3.2	28
58	Dielectric functions of Si(111)2Å-1, Ge(111)2Å-1, GaAs(110) and GaP(110) surfaces obtained by polarized surface differential reflectivity. Surface Science, 1987, 189-190, 1023-1027.	1.9	26
59	Electronic structure of epitaxial thin NiO(100) films grown on Ag(100): Towards a firm experimental basis. Physical Review B, 2001, 64, .	3.2	26
60	Spin polarized photoemission from strained Ge epilayers. Applied Physics Letters, 2011, 98, .	3.3	26
61	Temporal analysis of blister evolution during anion intercalation in graphite. Physical Chemistry Chemical Physics, 2017, 19, 13855-13859.	2.8	26
62	Magnetization reversal properties of Fe <sup>0.5</sup> Ni <sup>0.5</sup> Fe(001) trilayers. Physical Review B, 2005, 72, .	3.2	25
63	Self-organized chromium oxide monolayers on Fe(001). Physical Review B, 2013, 87, .	3.2	25
64	Spin transport in <i>ip</i> -type germanium. Journal of Physics Condensed Matter, 2016, 28, 165801.	1.8	25
65	Unoccupied electronic states in Au(100) surfaces. Journal of Physics Condensed Matter, 1994, 6, 7227-7237.	1.8	24
66	X-ray magnetic circular dichroism of vanadium thin films grown on Ag(100) and Fe(100). Journal of Magnetism and Magnetic Materials, 1997, 165, 78-81.	2.3	23
67	Spin and energy analysis of electron beams: Coupling a polarimeter based on exchange scattering to a hemispherical analyzer. Review of Scientific Instruments, 2002, 73, 3867-3871.	1.3	23
68	Epitaxial La <sub>2</sub> Sr <sub>1</sub> MnO <sub>3</sub> thin films with metallic behavior above the Curie temperature. Applied Physics Letters, 2005, 86, 252502.	3.3	23
69	Photoinduced inverse spin Hall effect in Pt/Ge(001) at room temperature. Applied Physics Letters, 2013, 102, .	3.3	23
70	Controlling the Electronic and Structural Coupling of C <sub>60</sub> Nano Films on Fe(001) through Oxygen Adsorption at the Interface. ACS Applied Materials & Interfaces, 2016, 8, 26418-26424.	8.0	23
71	Electronic and magnetic properties of the Co/Fe(001) interface and the role of oxygen. Physical Review B, 2000, 61, 15294-15301.	3.2	22
72	Unoccupied electron states of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2002, 242-245, 710-712.	2.3	22

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73	Enhanced Atom Mobility on the Surface of a Metastable Film. <i>Physical Review Letters</i> , 2014, 113, 046102.	7.8	22
74	Evolution of the graphite surface in phosphoric acid: an AFM and Raman study. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1878-1884.	2.8	22
75	Imaging spin diffusion in germanium at room temperature. <i>Physical Review B</i> , 2017, 96, .	3.2	22
76	MgO/Fe(001) and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \langle \text{mml:mtext} \rangle \text{MgO} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{Fe} \langle \text{mml:mtext} \rangle \text{O} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{for magnetic tu.} \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Physical Review B, 2009, 80, .}$	3.2	21
77	Effects of temperature on the oxygen aided Cr growth on Fe(001). <i>Surface Science</i> , 2011, 605, 2092-2096.	1.9	21
78	Photon energy dependence of photo-induced inverse spin-Hall effect in Pt/GaAs and Pt/Ge. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	21
79	Cobalt atoms drive the anchoring of Co-TPP molecules to the oxygen-passivated Fe(001) surface. <i>Applied Surface Science</i> , 2020, 505, 144213.	6.1	21
80	Tuning spin-charge interconversion with quantum confinement in ultrathin bismuth films. <i>Physical Review B</i> , 2018, 98, .	3.2	20
81	Covalency in the electronic structure of Fe <sub>3</sub> O <sub>4</sub> : An ultraviolet inverse photoemission investigation. <i>European Physical Journal B</i> , 1991, 84, 243-246.	1.5	19
82	Electronic, magnetic, and structural properties of the Fe/ZnSe interface. <i>Physical Review B</i> , 2004, 69, .	3.2	19
83	Experimental evaluation of the spin-Hall conductivity in Si-doped GaAs. <i>Physical Review B</i> , 2013, 88, .	3.2	19
84	Structure and electronic properties of Zn-tetra-phenyl-porphyrin single- and multi-layers films grown on Fe(001)-p(1 Å <sup>-1</sup> )O. <i>Applied Surface Science</i> , 2016, 390, 856-862.	6.1	19
85	Vacuum-Deposited Porphyrin Protective Films on Graphite: Electrochemical Atomic Force Microscopy Investigation during Anion Intercalation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4100-4105.	8.0	19
86	Proximity effects induced by a gold layer on La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> thin films. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	18
87	X-ray Photoemission Spectroscopy Investigation of the Interaction between 4-Mercaptopyridine and the Anatase TiO <sub>2</sub> Surface. <i>Langmuir</i> , 2013, 29, 8302-8310.	3.5	18
88	Spin-to-charge conversion for hot photoexcited electrons in germanium. <i>Physical Review B</i> , 2018, 97, .	3.2	18
89	Incipient Anion Intercalation of Highly Oriented Pyrolytic Graphite Close to the Oxygen Evolution Potential: A Combined X-ray Photoemission and Raman Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1790-1797.	3.1	18
90	Spin-resolved inverse photoemission from Pt/Fe(001). <i>Physical Review B</i> , 1998, 57, 96-99.	3.2	17

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91	Surface electronic and magnetic properties of $\text{La}_2\text{GeO}_7$ . Physical Review B, 2013, 88, .	3.2	17
92	Epitaxial $\text{Si}/\text{Mn}/\text{Fe}/\text{Mn}/\text{Si}$ heterostructures: A combined scanning tunneling microscopy and Auger electron spectroscopy study. Surface Science, 2014, 621, 55-63.	3.2	17
93	Oxidation effects on ultrathin Ni and Cr films grown on Fe(001): A combined scanning tunneling microscopy and Auger electron spectroscopy study. Surface Science, 2014, 621, 55-63.	1.9	17
94	Enhanced Magnetic Hybridization of a Spinterface through Insertion of a Two-Dimensional Magnetic Oxide Layer. Nano Letters, 2017, 17, 7440-7446.	9.1	17
95	The $\text{Ce}4f$ surface shift: A test for the Anderson-impurity Hamiltonian. Physical Review B, 1996, 54, R17363-R17366.	3.2	16
96	Frustration-driven micromagnetic structure in Fe/CoO/Fe thin film layered systems. Physical Review B, 2009, 79, .	3.2	16
97	Growth and Interface Reactivity of Titanium Oxide Thin Films on Fe(001). Journal of Physical Chemistry C, 2013, 117, 9229-9236.	3.1	16
98	Mesoscopic organization of cobalt thin films on clean and oxygen-saturated Fe(001) surfaces. Physical Review B, 2015, 92, .	3.2	16
99	Local structure and morphological evolution of ZnTPP molecules grown on Fe(001)-p(1 $\times$ 1)O studied by STM and NEXAFS. Applied Surface Science, 2018, 435, 841-847.	6.1	16
100	Unexpected Negative Exchange Splitting of the Fe(001) Image State. Physical Review Letters, 1996, 77, 908-911.	7.8	15
101	Ge/SiGe heterostructures as emitters of polarized electrons. Journal of Applied Physics, 2012, 111, 063916.	2.5	15
102	Enhanced orbital mixing in the valence band of strained germanium. Physical Review B, 2012, 85, .	3.2	15
103	Oxygen-assisted Ni growth on Fe(001): Observation of an "anti-surfactant" effect. Physical Review B, 2012, 86, .	3.2	15
104	Graphene as an Ideal Buffer Layer for the Growth of High-Quality Ultrathin $\text{Cr}_2\text{O}_3$ Layers on Ni(111). ACS Nano, 2019, 13, 4361-4367.	14.6	15
105	GaAs/AlAs monolayer superlattices: A new candidate for a highly spin-polarized electron source. Solid State Communications, 1987, 62, 1-3.	1.9	14
106	Ultraviolet inverse-photoemission spectroscopy of Gd silicides. Physical Review B, 1990, 42, 1829-1832.	3.2	14
107	Ultraviolet inverse photoemission from iron monoxide and self-interaction-corrected local-spin-density calculations. Physical Review B, 1992, 46, 12165-12174.	3.2	14
108	Electron spectroscopy investigation of the oxidation of ultra-thin films of Ni and Cr on Fe(001). Journal of Physics Condensed Matter, 2014, 26, 445001.	1.8	14

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109	Spin diffusion in Pt as probed by optically generated spin currents. <i>Physical Review B</i> , 2015, 92, .	3.2	14
110	Atomic Scale Insights into the Early Stages of Metal Oxidation: A Scanning Tunneling Microscopy and Spectroscopy Study of Cobalt Oxidation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5233-5241.	3.1	14
111	Martensitic transition during Ni growth on Fe(001): evidence of a precursor phase. <i>New Journal of Physics</i> , 2012, 14, 053048.	2.9	13
112	Growth of stoichiometric TiO <sub>2</sub> thin films on Au(100) substrates by molecular beam epitaxy. <i>Thin Solid Films</i> , 2012, 520, 3922-3926.	1.8	13
113	Combined spectroscopic and <i>ab initio</i> investigation of monolayer-range Cr oxides on Fe(001): The effect of ordered vacancy superstructure. <i>Physical Review B</i> , 2017, 96, .	3.2	13
114	Modeling the photo-induced inverse spin-Hall effect in Pt/semiconductor junctions. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	13
115	Magnetism of Fe on Au(100) in the monolayer limit. <i>Physical Review B</i> , 1995, 52, 3063-3066.	3.2	12
116	Polarized Unoccupied States of Oxygen on Fe(100). <i>Europhysics Letters</i> , 1995, 32, 687-692.	2.0	12
117	Fe thin films grown on single-crystal and virtual Ge(001) substrates. <i>Journal of Applied Physics</i> , 2005, 97, 093906.	2.5	12
118	Controlling drop-casting deposition of 2D Pt-octaethyl porphyrin layers on graphite. <i>Synthetic Metals</i> , 2014, 195, 201-207.	3.9	12
119	Self-organized nano-structuring of CoO islands on Fe(001). <i>Applied Surface Science</i> , 2016, 362, 374-379.	6.1	12
120	Room temperature magnetism of ordered porphyrin layers on Fe. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	12
121	Low energy electron gun for isochromat inverse photoemission. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1991, 53, 218-222.	1.4	11
122	Interaction of oxygen with polycrystalline cobalt studied by inverse-photoemission spectroscopy. <i>Physical Review B</i> , 1993, 47, 15848-15851.	3.2	11
123	Interdiffusion at the interface studied by spin-resolved IPES. <i>Surface Science</i> , 1994, 307-309, 496-500.	1.9	11
124	Spin-resolved electron spectroscopy with highly polarized sources: Inverse photoemission from ferromagnets. <i>Review of Scientific Instruments</i> , 1997, 68, 1841-1845.	1.3	11
125	Scanning tunneling microscopy investigation of CoO/Fe(001) and Fe/CoO/Fe(001) layered structures. <i>Surface Science</i> , 2011, 605, 95-100.	1.9	11
126	Optical generation of pure spin currents at the indirect gap of bulk Si. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	11



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127	Spin orbitronics at a topological insulator-semiconductor interface. <i>Physical Review B</i> , 2020, 101, .	3.2	11
128	Evolution of the magnetic and electronic properties of ultrathin Cr(001) films. <i>Solid State Communications</i> , 2000, 116, 283-286.	1.9	10
129	Disclinations in thin antiferromagnetic films on a ferromagnetic substrate. <i>Physical Review B</i> , 2005, 72, .	3.2	10
130	Spin polarized surface resonance bands in single layer Bi on Ge(1 1 1). <i>Journal of Physics Condensed Matter</i> , 2016, 28, 195001.	1.8	10
131	Cu and Ag interface formation on GaP(110) via Auger lineshape spectroscopy. <i>Surface Science</i> , 1989, 211-212, 651-658.	1.9	9
132	Spin resolved inverse photoemission of ferromagnets: Fe(100). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 177-181.	1.7	9
133	Early stages of interface formation of C60 on GaAs(100). <i>Surface Science</i> , 2007, 601, 4078-4081.	1.9	9
134	Decrease of the Curie temperature in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> thin films induced by Au capping. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 144, 93-96.	3.5	9
135	X-ray photoemission study of the Au•La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> interface formation. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	9
136	Magnetic properties of monolayer range chromium oxides on Fe(001). <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	9
137	Unconventional post•deposition chemical treatment on ultra•thin H<sub>2</sub>TPP film grown on graphite. <i>Crystal Research and Technology</i> , 2014, 49, 581-586.	1.3	9
138	Oxygen-induced immediate onset of the antiferromagnetic stacking in thin Cr films on Fe(001). <i>Applied Physics Letters</i> , 2015, 106, 162408.	3.3	9
139	Intercalation from the Depths: Growth of a Metastable Chromium Carbide between Epitaxial Graphene and Ni(111) by Carbon Segregation from the Bulk. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16803-16809.	3.1	9
140	Spin-charge interconversion in heterostructures based on group-IV semiconductors. <i>Rivista Del Nuovo Cimento</i> , 2020, 43, 45-96.	5.7	9
141	Kinetics study of the GaP(110)/Cu interface via PL <sub>2,3VVA</sub> Auger line shape and x-ray-photoemission spectroscopies. <i>Physical Review B</i> , 1990, 42, 3745-3748.	3.2	8
142	Ultraviolet inverse photoemission from FeS <sub>2</sub> . <i>Solid State Communications</i> , 1992, 82, 489-491.	1.9	8
143	Spin resolved empty energy bands in Fe/Ag(1 0 0) films. <i>Solid State Communications</i> , 1993, 88, 827-831.	1.9	8
144	Large spin asymmetry in electron absorption and reflection from oxidized single crystal Fe/MgO(001) films. <i>Surface Science</i> , 1999, 419, 265-271.	1.9	8

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145	Surfactant effect and dissolution of ultrathin Fe films on Ag(001). <i>Physical Review B</i> , 2004, 70, .	3.2	8
146	Onset of ferromagnetism in ultrathin Fe films on semiconductors. <i>Solid State Communications</i> , 2005, 135, 158-161.	1.9	8
147	Effect of Ba termination layer on chemical and electrical passivation of Ge (100) surfaces. <i>Materials Science in Semiconductor Processing</i> , 2006, 9, 701-705.	4.0	8
148	Uniaxial magnetic anisotropies in Fe films on single crystal and virtual Ge(001) substrates studied with spin polarized inverse photoemission and MOKE. <i>Physical Review B</i> , 2006, 74, .	3.2	8
149	Apparatus for vectorial Kerr confocal microscopy. <i>Review of Scientific Instruments</i> , 2011, 82, 023709.	1.3	8
150	X-ray photoemission spectroscopy investigation of the early stages of the oxygen aided Cr growth on Fe(001). <i>Applied Surface Science</i> , 2013, 267, 141-145.	6.1	8
151	The effect of cyclic voltammetry speed on anion intercalation in HOPG. <i>Surface Science</i> , 2019, 681, 111-115.	1.9	8
152	Out-of-plane Metal Coordination for a True Solvent-free Building with Molecular Bricks: Dodging the Surface Ligand Effect for On-Surface Vacuum Self-Assembly. <i>Advanced Functional Materials</i> , 2021, 31, 2011008.	14.9	8
153	Cs and NF <sub>3</sub> coadsorption on GaAs(100) and GaAs <sub>0.62</sub> P <sub>0.38</sub> (100) for photocathodes preparation. <i>Surface Science</i> , 1992, 269-270, 920-923.	1.9	7
154	Evidence of photoinduced charge transfer in C <sub>60</sub> /GaAs(100) bilayers by pump-probe measurements. <i>Chemical Physics Letters</i> , 2008, 466, 65-67.	2.6	7
155	Interaction of ultra-thin CoTPP films on Fe(001) with oxygen: Interplay between chemistry, order, and magnetism. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	7
156	An In-Depth Assessment of the Electronic and Magnetic Properties of a Highly Ordered Hybrid Interface: The Case of Nickel Tetra-Phenyl-Porphyrins on Fe(001)-p(1 Å <sup>-1</sup> )O. <i>Micromachines</i> , 2021, 12, 191.	2.9	7
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