

# Lamberto DuÃ²

## List of Publications by Year in descending order

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170  
papers

3,732  
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186265

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168389

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173  
docs citations

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times ranked

4994  
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	Laser-Induced Magnetic Nanostructures with Tunable Topological Properties. <i>Physical Review Letters</i> , 2013, 110, 177205.	7.8	256
3	Cross Resonant Optical Antenna. <i>Physical Review Letters</i> , 2009, 102, 256801.	7.8	179
4	The fundamentals of flame treatment for the surface activation of polyolefin polymers – A review. <i>Polymer</i> , 2010, 51, 3591-3605.	3.8	107
5	Spin-Polarized Tunneling Spectroscopy in Tunnel Junctions with Half-Metallic Electrodes. <i>Physical Review Letters</i> , 2005, 95, 137203.	7.8	82
6	Dynamics of Four-Photon Photoluminescence in Gold Nanoantennas. <i>Nano Letters</i> , 2012, 12, 2941-2947.	9.1	81
7	Reactive metal-oxide interfaces: A microscopic view. <i>Surface Science Reports</i> , 2016, 71, 32-76.	7.2	80
8	Stability of Organic Cations in Solution-Processed CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskites: Formation of Modified Surface Layers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21329-21335.	3.1	79
9	Magnetic properties of interfaces and multilayers based on thin antiferromagnetic oxide films. <i>Surface Science Reports</i> , 2009, 64, 139-167.	7.2	74
10	Looking 100 Å deep into spatially inhomogeneous dilute systems with hard x-ray photoemission. <i>Applied Physics Letters</i> , 2004, 85, 4532.	3.3	71
11	Fully-printed, all-polymer, bendable and highly transparent complementary logic circuits. <i>Organic Electronics</i> , 2015, 20, 132-141.	2.6	68
12	Experimental demonstration of the optical Zeno effect by scanning tunneling optical microscopy. <i>Optics Express</i> , 2008, 16, 3762.	3.4	62
13	Polarization properties of second-harmonic generation in AlGaAs optical nanoantennas. <i>Optics Letters</i> , 2017, 42, 559.	3.3	57
14	Stable Alignment of Tautomers at Room Temperature in Porphyrin 2D Layers. <i>Advanced Functional Materials</i> , 2014, 24, 958-963.	14.9	51
15	Metal-dielectric hybrid nanoantennas for efficient frequency conversion at the anapole mode. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2306-2314.	2.8	47
16	Unexpected polarization behavior at the aperture of hollow-pyramid near-field probes. <i>Applied Physics Letters</i> , 2005, 87, 223112.	3.3	46
17	Phonon-Mediated Interlayer Charge Separation and Recombination in a MoSe <sub>2</sub> /WSe <sub>2</sub> Heterostructure. <i>Nano Letters</i> , 2021, 21, 2165-2173.	9.1	46
18	Experimental Observation of a Photon Bouncing Ball. <i>Physical Review Letters</i> , 2009, 102, 180402.	7.8	44

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19	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
20	Chiral surface waves for enhanced circular dichroism. <i>Physical Review B</i> , 2017, 95, .	3.2	42
21	Optical tuning of dielectric nanoantennas for thermo-optically reconfigurable nonlinear metasurfaces. <i>Optics Letters</i> , 2021, 46, 2453.	3.3	40
22	Bulk Cr tips for scanning tunneling microscopy and spin-polarized scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	39
23	Drastic Improvement of Air Stability in an n-Type Doped Naphthalene-Diimide Polymer by Thionation. <i>ACS Applied Energy Materials</i> , 2018, 1, 4626-4634.	5.1	39
24	Oxygen-induced effects on the morphology of the Fe(001) surface in out-of-equilibrium conditions. <i>Physical Review B</i> , 2011, 83, .	3.2	38
25	Surface and bulk 4f-photoemission spectra of CeIn <sub>3</sub> and CeSn <sub>3</sub> . <i>Physical Review B</i> , 1997, 56, 1620-1624.	3.2	32
26	Space charge effects on the active region of a planar organic photodetector. <i>Journal of Applied Physics</i> , 2007, 101, 114504.	2.5	32
27	Epitaxial growth and characterization of CoO/Fe(001) thin film layered structures. <i>Thin Solid Films</i> , 2008, 516, 7519-7524.	1.8	29
28	Epitaxial thin NiO films grown on Fe(001) and the effect of temperature. <i>Surface Science</i> , 2002, 518, 234-242.	1.9	28
29	Circular Dichroism Probed by Two-Photon Fluorescence Microscopy in Enantiopure Chiral Polyfluorene Thin Films. <i>Journal of the American Chemical Society</i> , 2012, 134, 5832-5835.	13.7	28
30	Emission Engineering in Germanium Nanoresonators. <i>ACS Photonics</i> , 2015, 2, 53-59.	6.6	27
31	Thermoelectric Properties of Highly Conductive Poly(3,4-ethylenedioxythiophene) Polystyrene Sulfonate Printed Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 18151-18160.	8.0	27
32	Energy dependence of 4f and 5d cross sections for rare-earth metals. <i>Physical Review B</i> , 1993, 48, 10728-10732.	3.2	26
33	Elucidating the Impact of Molecular Packing and Device Architecture on the Performance of Nanostructured Perylene Diimide Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 8687-8698.	8.0	26
34	Temporal analysis of blister evolution during anion intercalation in graphite. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13855-13859.	2.8	26
35	Plasmonic Superchiral Lattice Resonances in the Mid-Infrared. <i>ACS Photonics</i> , 2020, 7, 2676-2681.	6.6	26
36	Can We Describe the Spectral Function of CeRh <sub>3</sub> by a Band Picture?. <i>Physical Review Letters</i> , 1994, 73, 2005-2005.	7.8	25

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37	The localisation of 3d hole states in Fe and FeAl studied by Auger vacancy satellite spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 72, 205-209.	1.7	24
38	Surface effects in the spectroscopy of mixed-valent Ce compounds. <i>Surface Science Reports</i> , 1998, 32, 235-289.	7.2	24
39	Spin and energy analysis of electron beams: Coupling a polarimeter based on exchange scattering to a hemispherical analyzer. <i>Review of Scientific Instruments</i> , 2002, 73, 3867-3871.	1.3	23
40	Probing Two-Dimensional vs Three-Dimensional Molecular Aggregation in Metal-Free Tetraphenylporphyrin Thin Films by Optical Anisotropy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15649-15655.	3.1	23
41	Controlling the Electronic and Structural Coupling of C <sub>60</sub> Nano Films on Fe(001) through Oxygen Adsorption at the Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26418-26424.	8.0	23
42	Observation of Mixed Valence Ru Components in Zn Doped Y <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> Pyrochlores. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11763-11768.	3.1	23
43	Microscopic Analysis of the Different Perchlorate Anions Intercalation Stages of Graphite. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14246-14253.	3.1	23
44	Evidence of Cascaded Third-Harmonic Generation in Noncentrosymmetric Gold Nanoantennas. <i>Nano Letters</i> , 2019, 19, 7013-7020.	9.1	23
45	Electronic and magnetic properties of the Co/Fe(001) interface and the role of oxygen. <i>Physical Review B</i> , 2000, 61, 15294-15301.	3.2	22
46	All-optical subdiffraction multilevel data encoding onto azo-polymeric thin films. <i>Optics Letters</i> , 2009, 34, 761.	3.3	22
47	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
48	Effects of temperature on the oxygen aided Cr growth on Fe(001). <i>Surface Science</i> , 2011, 605, 2092-2096.	1.9	21
49	Cobalt atoms drive the anchoring of Co-TPP molecules to the oxygen-passivated Fe(O <sup>-1</sup> ) surface. <i>Applied Surface Science</i> , 2020, 505, 144213.	6.1	21
50	Off-Site Contributions to Electron Correlation; An Extension to the Hubbard Model Studied by Auger Spectroscopy. <i>Europhysics Letters</i> , 1991, 16, 743-749.	2.0	20
51	Disclosing the Graphite Surface Chemistry in Acid Solutions for Anion Intercalation. <i>ACS Applied Nano Materials</i> , 2020, 3, 691-698.	5.0	20
52	N <sub>6,7O4,5O4,5</sub> Auger spectrum of metallic Au. <i>Physical Review B</i> , 1991, 43, 9550-9557.	3.2	19
53	Solid-state effects on Ag in dilute alloys revealed by Cooper-minimum photoemission. <i>Physical Review B</i> , 1992, 46, 3747-3753.	3.2	19
54	Structure and electronic properties of Zn-tetra-phenyl-porphyrin single- and multi-layers films grown on Fe(001)-p(1 Å-1)O. <i>Applied Surface Science</i> , 2016, 390, 856-862.	6.1	19

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55	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
56	Surface-enhanced chiroptical spectroscopy with superchiral surface waves. <i>Chirality</i> , 2018, 30, 883-889.	2.6	19
57	Frequency Tripling via Sum-Frequency Generation at the Nanoscale. <i>ACS Photonics</i> , 2021, 8, 1175-1182.	6.6	19
58	Strong chemical reactivity at the early stages of Yb overgrowth on GaP(110): A synchrotron-radiation study. <i>Physical Review B</i> , 1990, 42, 3478-3484.	3.2	18
59	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
60	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
61	Near-field circular polarization probed by chiral polyfluorene. <i>Optics Letters</i> , 2009, 34, 3571.	3.3	17
62	Oxidation effects on ultrathin Ni and Cr films grown on Fe(001): A combined scanning tunneling microscopy and Auger electron spectroscopy study. <i>Surface Science</i> , 2014, 621, 55-63.	1.9	17
63	Quasistatic limit for plasmon-enhanced optical chirality. <i>Physical Review B</i> , 2015, 91, .	3.2	17
64	Enhanced Magnetic Hybridization of a Spinterface through Insertion of a Two-Dimensional Magnetic Oxide Layer. <i>Nano Letters</i> , 2017, 17, 7440-7446.	9.1	17
65	The Ce4f surface shift: A test for the Anderson-impurity Hamiltonian. <i>Physical Review B</i> , 1996, 54, R17363-R17366.	3.2	16
66	Growth and Interface Reactivity of Titanium Oxide Thin Films on Fe(001). <i>Journal of Physical Chemistry C</i> , 2013, 117, 9229-9236.	3.1	16
67	Local structure and morphological evolution of ZnTPP molecules grown on Fe(001)-p(1×1)O studied by STM and NEXAFS. <i>Applied Surface Science</i> , 2018, 435, 841-847.	6.1	16
68	Spontaneous Formation of Left- and Right-Handed Cholesterically Ordered Domains in an Enantiopure Chiral Polyfluorene Film. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1359-1362.	4.6	15
69	Plasmon-Enhanced Second Harmonic Sensing. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11475-11481.	3.1	15
70	Graphene as an Ideal Buffer Layer for the Growth of High-Quality Ultrathin Cr <sub>2</sub> O <sub>3</sub> Layers on Ni(111). <i>ACS Nano</i> , 2019, 13, 4361-4367.	14.6	15
71	Discrete diffraction in waveguide arrays: A quantitative analysis by tunneling optical microscopy. <i>Applied Physics Letters</i> , 2007, 90, .	3.3	14
72	Electron spectroscopy investigation of the oxidation of ultra-thin films of Ni and Cr on Fe(0×0×1). <i>Journal of Physics Condensed Matter</i> , 2014, 26, 445001.	1.8	14

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73	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
74	Blister evolution time invariance at very low electrolyte pH: H <sub>2</sub> SO <sub>4</sub> /graphite system investigated by electrochemical atomic force microscopy. <i>Electrochimica Acta</i> , 2018, 276, 352-361.	5.2	14
75	Bulk electronic structure of Ce compounds studied by x-ray photoemission and x-ray absorption spectroscopies. <i>Physical Review B</i> , 1995, 52, 16503-16507.	3.2	13
76	High-resolution imaging of local oxidation in polyfluorene thin films by nonlinear near-field microscopy. <i>Applied Physics Letters</i> , 2007, 91, 191118.	3.3	13
77	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
78	Morphological changes of porphine films on graphite by perchloric and phosphoric electrolytes. <i>Applied Surface Science</i> , 2018, 442, 501-506.	6.1	13
79	Polarized Unoccupied States of Oxygen on Fe(100). <i>Europhysics Letters</i> , 1995, 32, 687-692.	2.0	12
80	Hybridization effects in unoccupied 4f states of Ce compounds. <i>Physical Review B</i> , 1996, 53, 7030-7034.	3.2	12
81	Direct observation of magnetic instabilities in NiO thin films epitaxially grown on Fe(001). <i>Surface Science</i> , 2006, 600, 4160-4165.	1.9	12
82	Controlling drop-casting deposition of 2D Pt-octaethyl porphyrin layers on graphite. <i>Synthetic Metals</i> , 2014, 195, 201-207.	3.9	12
83	Self-organized nano-structuring of CoO islands on Fe(001). <i>Applied Surface Science</i> , 2016, 362, 374-379.	6.1	12
84	Room temperature magnetism of ordered porphyrin layers on Fe. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	12
85	Simplification of the N <sub>6.7O4.5O4.5</sub> Auger spectrum of Au. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 195-200.	1.8	11
86	Interaction of oxygen with polycrystalline cobalt studied by inverse-photoemission spectroscopy. <i>Physical Review B</i> , 1993, 47, 15848-15851.	3.2	11
87	Charge-Transfer Satellites in K <i>L</i> <sub>23</sub> XAS Data for K/Si(111)-(2 Å <sup>-1</sup> ): Evidence for Strong Ionic Bonds. <i>Europhysics Letters</i> , 1994, 26, 85-90.	2.0	11
88	Empty and filled valence-electron states of Lu <sup>3+</sup> transition-metal compounds: An uv spectroscopy study. <i>Physical Review B</i> , 1994, 49, 10159-10165.	3.2	11
89	Multiatomic resonant photoemission spectroscopy on CuO and NiO: Observation of antiresonant behavior. <i>Physical Review B</i> , 2000, 62, R16215-R16218.	3.2	11
90	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

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91	Superchiral Surface Waves for All-Optical Enantiomer Separation. Journal of Physical Chemistry C, 2019, 123, 28336-28342.	3.1	11
92	Evidence of graphite blister evolution during the anion de-intercalation process in the cathodic regime. Applied Surface Science, 2020, 504, 144440.	6.1	11
93	Effects of Ce-Lu substitution on the valence states of Laves phases. Physical Review B, 1995, 51, 4751-4754.	3.2	10
94	Evolution of the magnetic and electronic properties of ultrathin Cr(001) films. Solid State Communications, 2000, 116, 283-286.	1.9	10
95	Mapping local field enhancements at nanostructured metal surfaces by second-harmonic generation induced in the near field. Journal of Microscopy, 2008, 229, 233-239.	1.8	10
96	Spin polarized surface resonance bands in single layer Bi on Ge(1 1 1). Journal of Physics Condensed Matter, 2016, 28, 195001.	1.8	10
97	UV-spectroscopy study of the Ce <sub>7</sub> Rh <sub>3</sub> empty and filled valence states. Physical Review B, 1994, 50, 9561-9564.	3.2	9
98	Early stages of interface formation of C <sub>60</sub> on GaAs(100). Surface Science, 2007, 601, 4078-4081.	1.9	9
99	Magnetic properties of monolayer chromium oxides on Fe(001). Journal of Applied Physics, 2013, 114, .	2.5	9
100	Unconventional post-deposition chemical treatment on ultrathin H <sub>2</sub> TPP film grown on graphite. Crystal Research and Technology, 2014, 49, 581-586.	1.3	9
101	Oxygen-induced immediate onset of the antiferromagnetic stacking in thin Cr films on Fe(001). Applied Physics Letters, 2015, 106, 162408.	3.3	9
102	Intercalation from the Depths: Growth of a Metastable Chromium Carbide between Epitaxial Graphene and Ni(111) by Carbon Segregation from the Bulk. Journal of Physical Chemistry C, 2017, 121, 16803-16809.	3.1	9
103	CVD Graphene/Ni Interface Evolution in Sulfuric Electrolyte. Langmuir, 2018, 34, 3413-3419.	3.5	9
104	Onset of ferromagnetism in ultrathin Fe films on semiconductors. Solid State Communications, 2005, 135, 158-161.	1.9	8
105	Recent developments in linear and nonlinear near-field microscopy on single plasmonic nanoparticles. Physica Status Solidi (B): Basic Research, 2010, 247, 2040-2046.	1.5	8
106	X-ray photoemission spectroscopy investigation of the early stages of the oxygen aided Cr growth on Fe(001). Applied Surface Science, 2013, 267, 141-145.	6.1	8
107	Evidence of a correlation between magnetic and structural transitions in Y <sub>2-x</sub> Zn <sub>x</sub> Ru <sub>2</sub> O <sub>7</sub> pyrochlore compounds. RSC Advances, 2015, 5, 100809-100815.	3.6	8
108	Plasmon-Enhanced Second Harmonic Generation: from Individual Antennas to Extended Arrays. Plasmonics, 2017, 12, 1595-1600.	3.4	8

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109	The effect of cyclic voltammetry speed on anion intercalation in HOPG. <i>Surface Science</i> , 2019, 681, 111-115.	1.9	8
110	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
111	Evidence of photoinduced charge transfer in C60/GaAs(100) bilayers by pump-probe measurements. <i>Chemical Physics Letters</i> , 2008, 466, 65-67.	2.6	7
112	Optical and morphological properties of ultra-thin H <sub>2</sub> TPP, H <sub>4</sub> TPP and ZnTPP films. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 100-104.	1.5	7
113	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
114	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
115	Stratigraphic analysis of intercalated graphite electrodes in aqueous inorganic acid solutions. <i>Nano Research</i> , 2022, 15, 1120-1127.	10.4	7
116	The virtual bound states of Fe in AuFe studied by photoemission. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 989-995.	1.8	6
117	A high-efficiency photon detector for parallel acquisition of UV inverse photoemission spectroscopy. <i>Measurement Science and Technology</i> , 1994, 5, 1015-1017.	2.6	6
118	Electronic structure of CeSe probed by resonant photoemission spectroscopy: A test case for the single-impurity Anderson Hamiltonian. <i>Physical Review B</i> , 1998, 57, 12030-12035.	3.2	6
119	Photoemission study of the Poly(3-hexylthiophene)/TiO <sub>2</sub> interface and the role of 4-Mercaptopyridine. <i>Thin Solid Films</i> , 2014, 560, 39-43.	1.8	6
120	Persistence of the Co-tetra-phenyl-porphyrin HOMO-LUMO features when a single organic layer is grown onto Cu(110)-(2 $\times$ 1)O. <i>Applied Surface Science</i> , 2020, 514, 145891.	6.1	6
121	Statistical Characterization of Heterogeneous Dissolution Rates of Calcite from In situ and Real-Time AFM Imaging. <i>Transport in Porous Media</i> , 2021, 140, 291-312.	2.6	6
122	Thermal Instability of Thin Ni/Fe(001) Films. <i>Nanoscience and Nanotechnology Letters</i> , 2012, 4, 1092-1095.	0.4	6
123	Synchrotron-radiation investigation of the chemical dependence of the vacancy-satellite structure of the NiL <sub>3</sub> VV spectra in Ni silicides. <i>Physical Review B</i> , 1992, 46, 15652-15659.	3.2	5
124	Strong evolution of the projected empty density of states in Pd-Al alloys: AnM <sub>4,5</sub> x-ray-absorption-spectroscopy investigation. <i>Physical Review B</i> , 1993, 47, 6937-6941.	3.2	5
125	Versatile apparatus for investigating ultrathin magnetic films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 122, 221-229.	1.7	5
126	Nano-sized magnetic instabilities in Fe/NiO/Fe(001) epitaxial thin films. <i>Thin Solid Films</i> , 2006, 515, 712-715.	1.8	5



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127	Combined spectroscopic characterization of electron transfer at hybrid CuPcF16/GaAs semiconductor interfaces. <i>Nanotechnology</i> , 2008, 19, 424010.	2.6	5
128	Electronic and magnetic structure of ultra-thin Ni films grown on W(110). <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 420, 356-362.	2.3	5
129	Chemical characterization of fluorinated/hydrogenated mixed monolayers grafted on gold nanoparticles. <i>Journal of Fluorine Chemistry</i> , 2018, 206, 99-107.	1.7	5
130	Spin-Resolved PES and IPES Investigation of the Graphene/Ni(111) Interface. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700415.	1.5	5
131	A Cooper minimum photoemission study of the alloy. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 1413-1419.	1.8	4
132	Organic Electronics: Stable Alignment of Tautomers at Room Temperature in Porphyrin 2D Layers (Adv. Tj ETQq0 0,0 ggBT /Overlock 10	14.9	4
133	Contact potential and scanning Kelvin force microscopy measurements on sulphate-anion intercalated graphite. <i>Electrochimica Acta</i> , 2018, 267, 20-23.	5.2	4
134	Temperature Effects on the HOPG Intercalation Process. <i>Condensed Matter</i> , 2019, 4, 23.	1.8	4
135	Reactive Dissolution of Organic Nanocrystals at Controlled pH. <i>ChemNanoMat</i> , 2020, 6, 567-575.	2.8	4
136	Empty electron states in cobalt-intercalated graphene. <i>Journal of Chemical Physics</i> , 2020, 153, 214703.	3.0	4
137	Yb interface growth on GaP(110): an electron spectroscopy investigation. <i>Vacuum</i> , 1990, 41, 1065-1067.	3.5	3
138	P-derived valence states at the reactive GaP(110)/Yb interface via PL2,3VVAuger line-shape spectroscopy. <i>Physical Review B</i> , 1992, 45, 6255-6258.	3.2	3
139	Sensitivity of the valence states upon rare earth substitution in intermetallic compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 517-522.	1.7	3
140	Near-field vs. far-field polarization properties of hollow pyramid SNOM tips. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 4078-4082.	0.8	3
141	Effects of the introduction of a chromium oxide monolayer at the C60/Fe(001) interface. <i>Journal of Applied Physics</i> , 2019, 125, 142907.	2.5	3
142	Magnetic properties of the CoO/Fe(001) system with a bottom-up engineered interface. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 54-59.	2.3	3
143	Anion intercalated graphite: a combined electrochemical and tribological investigation by in situ AFM. <i>Journal of Microscopy</i> , 2020, 280, 222-228.	1.8	3
144	3-dimensional nucleation of Fe oxide induced by a graphene buffer layer. <i>Journal of Chemical Physics</i> , 2020, 152, 054706.	3.0	3

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145	Copper L3-M4,5M4,5 Auger and Auger satellite structures in polycrystalline Cu50Pd50 alloy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 217-221.	1.7	2
146	Macroscopic movement of azo polymer chains by near-field probes: Dependence on the illumination conditions. Physica Status Solidi (B): Basic Research, 2010, 247, 2067-2070.	1.5	2
147	Anomalous local lattice disorder and distortion in A2Mo2O7 pyrochlores. Journal of Alloys and Compounds, 2017, 723, 327-332.	5.5	2
148	Reversible metamorphosis from Fe <sub>3</sub> O <sub>4</sub> to FeO of epitaxial iron oxide films grown on the Fe-p(1 Å <sup>-1</sup> )O surface. RSC Advances, 2021, 11, 11513-11518.	3.6	2
149	Mapping the evolution of Bi/Ge(111) empty states: From the wetting layer to pseudo-cubic islands. Journal of Applied Physics, 2021, 129, 155310.	2.5	2
150	Driving Organic Nanocrystals Dissolution Through Electrochemistry. ChemistryOpen, 2021, 10, 748-755.	1.9	2
151	Electrochemical scanning probe analysis used as a benchmark for carbon forms quality test. Journal of Physics Condensed Matter, 2021, 33, 115002.	1.8	2
152	Observation of a Metastable Honeycomb Arrangement of C <sub>60</sub> on Ni(111) with (7 Å <sup>-1</sup> ) Periodicity: Tailoring an Interface for Organic Spintronics. ACS Applied Nano Materials, 2021, 4, 12993-13000.	5.0	2
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