

Guido Paolicelli

List of Publications by Year in descending order

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44
papers

1,612
citations

471061

17
h-index

288905

40
g-index

45
all docs

45
docs citations

45
times ranked

2610
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of the sp^3 and sp^2 components in the C1s photoemission spectra of amorphous carbon films. <i>Physical Review B</i> , 1996, 54, 8064-8069.	1.1	717
2	Quantifying the effective attenuation length in high-energy photoemission experiments. <i>Physical Review B</i> , 2005, 71, .	1.1	79
3	Experimental setup for high energy photoemission using synchrotron radiation. <i>Review of Scientific Instruments</i> , 2005, 76, 023909.	0.6	72
4	Looking 100 Å deep into spatially inhomogeneous dilute systems with hard x-ray photoemission. <i>Applied Physics Letters</i> , 2004, 85, 4532.	1.5	71
5	High-energy photoemission in silver: resolving d and sp contributions in valence band spectra. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2671-2679.	0.7	61
6	Comparison of bulk-sensitive spectroscopic probes of Yb valence in Kondo systems. <i>Physical Review B</i> , 2007, 75, .	1.1	59
7	Nanoscale frictional behavior of graphene on SiO_2 and Ni(111) substrates. <i>Nanotechnology</i> , 2015, 26, 055703.	1.3	57
8	A study of core and valence levels in \hat{I}^2 -PbO ₂ by hard X-ray photoemission. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 169, 26-34.	0.8	40
9	Friction and Adhesion of Different Structural Defects of Graphene. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44614-44623.	4.0	39
10	Nature of electronic states at the Fermi level of metallic \hat{I}^2 -PbO ₂ revealed by hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , 2007, 75, .	1.1	38
11	Structure and properties of 1,4-benzenedimethanethiol films grown from solution on Au(111): An XPS and NEXAFS study. <i>Surface Science</i> , 2007, 601, 1419-1427.	0.8	34
12	Frictional transition from superlubric islands to pinned monolayers. <i>Nature Nanotechnology</i> , 2015, 10, 714-718.	15.6	33
13	Tribological characteristics of few-layer graphene over Ni grain and interface boundaries. <i>Nanoscale</i> , 2016, 8, 6646-6658.	2.8	28
14	Electronic structure of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

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19	Bulk electronic properties of the bilayered manganite $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_2\text{O}_7$ from hard-x-ray photoemission. <i>Physical Review B</i> , 2007, 75, .	1.1	15
20	High resolution HAXPES and status of the VOLPE project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 547, 56-63.	0.7	14
21	Design and test of a lens system for a high energy and high resolution electron spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 550, 454-466.	0.7	14
22	Valence band states of H:GaAs(110). <i>Surface Science</i> , 1994, 307-309, 890-895.	0.8	13
23	Hard X-ray photoelectron spectroscopy: sensitivity to depth, chemistry and orbital character. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 547, 113-123.	0.7	13
24	Comparison of hard and soft x-ray photoelectron spectra of silicon. <i>Physical Review B</i> , 2007, 76, .	1.1	13
25	Controlled AFM detachments and movement of nanoparticles: gold clusters on HOPG at different temperatures. <i>Nanotechnology</i> , 2012, 23, 245706.	1.3	11
26	A NOVEL APPARATUS FOR LASER-EXCITED TIME-RESOLVED PHOTOEMISSION SPECTROSCOPY. <i>Surface Review and Letters</i> , 2002, 09, 541-547.	0.5	10
27	Bulk sensitive photoemission: first results of VOLPE project at ESRF. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 963-966.	0.8	10
28	Results and perspectives in hard X-ray photoemission spectroscopy (HAXPES) from solids. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 246, 106-111.	0.6	10
29	Bonding and orientation of 1,4-benzenedimethanethiol on Au(111) prepared from solution and from gas phase. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 305020.	0.7	10
30	Adhesion detachment and movement of gold nanoclusters induced by dynamic atomic force microscopy. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 354011.	0.7	10
31	ZnO Thin Films Growth Optimization for Piezoelectric Application. <i>Sensors</i> , 2021, 21, 6114.	2.1	7
32	X-ray absorption spectroscopy and valence band photoemission spectroscopy investigations of the Ge(111) surface above the 1050 K high-temperature phase transition. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 1959-1966.	0.7	6
33	Ag/MgO Nanoparticles via Gas Aggregation Nanocluster Source for Perovskite Solar Cell Engineering. <i>Materials</i> , 2021, 14, 5507.	1.3	4
34	Electronic structure of H:GaP(110). <i>Surface Science</i> , 1992, 269-270, 823-828.	0.8	2
35	First results of the novel photon beam position monitor for undulator beamlines of Elettra. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 221-225.	0.7	2
36	A new detector for photon beam position monitoring designed for synchrotron radiation beamlines. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 477, 317-322.	0.7	2

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37	The use of the timeâ€‘energy dispersion in an electron energy analyzer. Journal of Electron Spectroscopy and Related Phenomena, 2003, 131-132, 105-116.	0.8	2
38	Adhesion, mobility and aggregation of nanoclusters at surfaces: Ni and Ag on Si, HOPG and graphene. SN Applied Sciences, 2022, 4, 1.	1.5	2
39	Controlled manipulation of thiol-functionalised gold nanoparticles on Si (100) by dynamic force microscopy. Journal of Physics: Conference Series, 2008, 100, 052008.	0.3	1
40	Sliding onset of nanoclusters: a new AFM-based approach. Meccanica, 2011, 46, 597-607.	1.2	1
41	High Energy Photoemission: Development of a New Electrostatic Lens for a Novel High Resolution Spectrometer. AIP Conference Proceedings, 2004, , .	0.3	0
42	Single Cluster AFM Manipulation: a Specialized Tool to Explore and Control Nanotribology Effects. Nanoscience and Technology, 2011, , 173-194.	1.5	0
43	Morphology and Friction Characterization of CVD Grown Graphene on Polycrystalline Nickel. Lecture Notes in Mechanical Engineering, 2014, , 195-204.	0.3	0
44	Morphology and Optical Properties of Gas-Phase-Synthesized Plasmonic Nanoparticles: Cu and Cu/MgO. Materials, 2022, 15, 4429.	1.3	0