Guido Paolicelli

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Morphology and Optical Properties of Gas-Phase-Synthesized Plasmonic Nanoparticles: Cu and Cu/MgO. Materials, 2022, 15, 4429.	1.3	0
3	Ag/MgO Nanoparticles via Gas Aggregation Nanocluster Source for Perovskite Solar Cell Engineering. Materials, 2021, 14, 5507.	1.3	4
4	ZnO Thin Films Growth Optimization for Piezoelectric Application. Sensors, 2021, 21, 6114.	2.1	7
5	Graphene Confers Ultralow Friction on Nanogear Cogs. Small, 2021, 17, 2104487.	5.2	16
6	Friction and Adhesion of Different Structural Defects of Graphene. ACS Applied Materials & Interfaces, 2018, 10, 44614-44623.	4.0	39
7	Current trends in the physics of nanoscale friction. Advances in Physics: X, 2017, 2, 569-590.	1.5	27
8	Tribological characteristics of few-layer graphene over Ni grain and interface boundaries. Nanoscale, 2016, 8, 6646-6658.	2.8	28
9	Influence of size, shape and coreâ€“shell interface on surface plasmon resonance in Ag and Ag@MgO nanoparticle films deposited on Si/SiO x. Beilstein Journal of Nanotechnology, 2015, 6, 404-413.	1.5	17
10	Frictional transition from superlubric islands to pinned monolayers. Nature Nanotechnology, 2015, 10, 714-718.	15.6	33
11	Nanoscale frictional behavior of graphene on SiO₂and Ni(111) substrates. Nanotechnology, 2015, 26, 055703.	1.3	57
12	Morphology and Friction Characterization of CVD Grown Graphene on Polycrystalline Nickel. Lecture Notes in Mechanical Engineering, 2014, , 195-204.	0.3	0
13	Controlled AFM detachments and movement of nanoparticles: gold clusters on HOPG at different temperatures. Nanotechnology, 2012, 23, 245706.	1.3	11
14	Sliding onset of nanoclusters: a new AFM-based approach. Meccanica, 2011, 46, 597-607.	1.2	1
15	Single Cluster AFM Manipulation: a Specialized Tool to Explore and Control Nanotribology Effects. Nanoscience and Technology, 2011, , 173-194.	1.5	0
16	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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19	Adhesion detachment and movement of gold nanoclusters induced by dynamic atomic force microscopy. Journal of Physics Condensed Matter, 2008, 20, 354011.	0.7	10
20	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
21	Bulk electronic properties of the bilayered manganiteLa1.2Sr1.8Mn2O7from hard-x-ray photoemission. Physical Review B, 2007, 75, .	1.1	15
22	Comparison of bulk-sensitive spectroscopic probes of Yb valence in Kondo systems. Physical Review B, 2007, 75, .	1.1	59
23	Nature of electronic states at the Fermi level of metallicÎ²â˜PbO2revealed by hard x-ray photoemission spectroscopy. Physical Review B, 2007, 75, .	1.1	38
24	Bonding and orientation of 1,4-benzenedimethanethiol on Au(111) prepared from solution and from gas phase. Journal of Physics Condensed Matter, 2007, 19, 305020.	0.7	10
25	Comparison of hard and soft x-ray photoelectron spectra of silicon. Physical Review B, 2007, 76, .	1.1	13
26	Structure and properties of 1,4-benzenedimethanethiol films grown from solution on Au(111): An XPS and NEXAFS study. Surface Science, 2007, 601, 1419-1427.	0.8	34
27	Results and perspectives in hard X-ray photoemission spectroscopy (HAXPES) from solids. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 106-111.	0.6	10
28	High resolution HAXPES and status of the VOLPE project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 56-63.	0.7	14
29	Bulk sensitive photoemission: first results of VOLPE project at ESRF. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 963-966.	0.8	10
30	Design and test of a lens system for a high energy and high resolution electron spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 550, 454-466.	0.7	14
31	Hard X-ray photoelectron spectroscopy: sensitivity to depth, chemistry and orbital character. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 113-123.	0.7	13
32	High-energy photoemission in silver: resolving d and sp contributions in valence band spectra. Journal of Physics Condensed Matter, 2005, 17, 2671-2679.	0.7	61
33	Experimental setup for high energy photoemission using synchrotron radiation. Review of Scientific Instruments, 2005, 76, 023909.	0.6	72
34	Quantifying the effective attenuation length in high-energy photoemission experiments. Physical Review B, 2005, 71, .	1.1	79
35	Looking 100 AÌŠ deep into spatially inhomogeneous dilute systems with hard x-ray photoemission. Applied Physics Letters, 2004, 85, 4532.	1.5	71
36	High Energy Photoemission: Development of a New Electrostatic Lens for a Novel High Resolution Spectrometer. AIP Conference Proceedings, 2004, , .	0.3	0

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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	A NOVEL APPARATUS FOR LASER-EXCITED TIME-RESOLVED PHOTOEMISSION SPECTROSCOPY. Surface Review and Letters, 2002, 09, 541-547.	0.5	10
39	A new detector for photon beam position monitoring designed for synchrotron radiation beamlines. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 477, 317-322.	0.7	2
40	First results of the novel photon beam position monitor for undulator beamlines of Elettra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 221-225.	0.7	2
41	X-ray absorption spectroscopy and valence band photoemission spectroscopy investigations of the Ge(111) surface above the 1050 K high-temperature phase transition. Journal of Physics Condensed Matter, 1997, 9, 1959-1966.	0.7	6
42	Separation of thesp3andsp2components in the C1sphotoemission spectra of amorphous carbon films. Physical Review B, 1996, 54, 8064-8069.	1.1	717
43	Valence band states of H:GaAs(110). Surface Science, 1994, 307-309, 890-895.	0.8	13
44	Electronic structure of H:GaP(110). Surface Science, 1992, 269-270, 823-828.	0.8	2