

# Luisa Ferrari

## List of Publications by Year in descending order

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50  
papers

600  
citations

759233

12  
h-index

642732

23  
g-index

50  
all docs

50  
docs citations

50  
times ranked

941  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-dimensional Rashba states with unconventional spin texture in Bi chains. <i>Physical Review B</i> , 2022, 106, .	3.2	2
2	Reference plane for the electronic states in thin films on stepped surfaces. <i>Physical Review B</i> , 2021, 103, .	3.2	0
3	Synthesis of mesoscale ordered two-dimensional $\pi$ -conjugated polymers with semiconducting properties. <i>Nature Materials</i> , 2020, 19, 874-880.	27.5	158
4	A Fast Transient Absorption Study of $\text{Co}(\text{AcAc})_3$ . <i>Frontiers in Chemistry</i> , 2019, 7, 348.	3.6	5
5	Electron Confinement Effects in Silver Films Embedded between Graphene and Metallic Substrates. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9764-9769.	3.1	3
6	Scanning tunneling microscopy and photoemission studies of self-organised Ag nanostructures on the N-modified $\text{Cu}(001)$ surface. <i>Surface Science</i> , 2018, 677, 213-218.	1.9	2
7	Magnetic decoupling of ferromagnetic metals through a graphene spacer. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 426, 440-443.	2.3	3
8	Spin-polarized confined states in Ag films on $\text{Fe}(1\hat{\text{a}}\text{e}\%01\hat{\text{a}}\text{e}\%0)$ . <i>Journal of Physics Condensed Matter</i> , 2017, 29, 495806.	1.8	1
9	Label-free and non-invasive discrimination of HaCaT and melanoma cells in a co-culture model by hyperspectral confocal reflectance microscopy. <i>Journal of Biophotonics</i> , 2016, 9, 619-625.	2.3	7
10	Energy-momentum mapping of $d$ -derived $\text{Au}(111)$ states in a thin film. <i>Physical Review B</i> , 2016, 93, .	3.2	11
11	Asymmetric band gaps in a Rashba film system. <i>Physical Review B</i> , 2016, 93, .	3.2	19
12	Electronic properties and photoelectron circular dichroism of adsorbed chiral molecules. <i>Physical Review B</i> , 2015, 91, .	3.2	4
13	Electronic structure of graphene/Co interfaces. <i>Physical Review B</i> , 2014, 90, .	3.2	41
14	Living Matter Observations with a Novel Hyperspectral Supercontinuum Confocal Microscope for VIS to Near-IR Reflectance Spectroscopy. <i>Sensors</i> , 2013, 13, 14523-14542.	3.8	12
15	Electronic states of moiré modulated Cu films. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 335502.	1.8	6
16	Novel fluorescent security marker. Part I: morphological and optical properties of 2-amino-6-ethoxy-4-[4-(4-morpholinyl)phenyl]-3,5-pyridinedicarbonitrile nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	8
17	Supercontinuum ultra wide range confocal microscope for reflectance spectroscopy of living matter and material science surfaces. <i>AIP Advances</i> , 2011, 1, .	1.3	12
18	Probing the electronic transmission across a buried metal/metal interface. <i>Physical Review B</i> , 2010, 82, .	3.2	11

#	ARTICLE	IF	CITATIONS
19	Influence of the substrate bands on the s-p levels topology of Ag films on Ge(111). Physical Review B, 2009, 80, .	3.2	24
20	Morphological and textural characterization of vanadium oxide supported on zirconia by ionic exchange. Applied Surface Science, 2008, 255, 2012-2019.	6.1	8
21	One-Dimensional $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mn}\rangle 3 \langle \text{mml:mn}\rangle \langle \text{mml:mi}\rangle d \langle \text{mml:mi}\rangle \langle \text{mml:math}\rangle$ Electronic Bands of Monatomic Cu Chains. Physical Review Letters, 2008, 101, 036807.	7.8	6
22	Probing Quasiparticle States Bound by Disparate Periodic Potentials. Physical Review Letters, 2006, 97, 206802.	7.8	20
23	Quantum size effects arising from incompatible point-group symmetries: Angle-resolved photoemission study. Physical Review B, 2006, 74, .	3.2	20
24	Quasicrystalline Electronic States of a One-Dimensionally Modulated Ag Film. Physical Review Letters, 2006, 96, 156401.	7.8	23
25	Molecular orientation of C60 on Pt(111) determined by X-ray photoelectron diffraction. Applied Surface Science, 2003, 212-213, 57-61.	6.1	9
26	High resolution photoemission core level spectroscopy study and TEM analysis of the Ge/As/Si(0 0 1) growth. Surface Science, 2001, 482-485, 574-579.	1.9	0
27	SiC(1 0 0) ordered film growth by C60 decomposition on Si(1 0 0) surfaces. Applied Surface Science, 2001, 184, 50-54.	6.1	6
28	Synthesis of SiC on Si(111) at moderate temperatures by supersonic C60 beams. Applied Surface Science, 2001, 184, 350-355.	6.1	21
29	Sb-terminated Si(110), Si(100) and Si(111) surfaces studied with high resolution core-level spectroscopy. Applied Surface Science, 2000, 162-163, 380-383.	6.1	2
30	1D electronic properties in temperature-induced $c(4\sqrt{2})$ to $2\sqrt{2}$ transition on the $\sqrt{2}$ -SiC(100) surface. Applied Surface Science, 2000, 162-163, 559-564.	6.1	16
31	Sharp high-resolution Si 2p core level on the Sb-terminated Si(111) surface: Evidence for charge transfer. Physical Review B, 2000, 62, 9931-9934.	3.2	8
32	High resolution photoemission study of C60 on Si(111) as a precursor of SiC growth. Surface Science, 2000, 454-456, 832-836.	1.9	15
33	Optical properties of stepped $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ quantum wells. Journal of Applied Physics, 1998, 83, 7920-7928.	2.5	14
34	Surface proximity effects in $\text{In}_x\text{Ga}_{1-x}\text{As}$ quantum wells investigated by photoreflectance. Solid State Communications, 1996, 100, 591-595.	1.9	1
35	Exciton states in $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ double quantum wells: Normalized reflection spectra. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1995, 17, 1423-1427.	0.4	1
36	Experimental multi-techniques apparatus for optical properties of quantum structures. Physica Status Solidi A, 1995, 152, 303-314.	1.7	7

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37	Luminescence and Franz-Keldish effect on CdTe(110)1 Å– 1 surfaces by surface differential reflectivity. Vacuum, 1995, 46, 485-488.	3.5	2
38	Normalized reflection spectra in GaAs/InxGa1-xAs single quantum wells: Structure characterizations and excitonic properties. Physical Review B, 1995, 52, 10713-10716.	3.2	7
39	Optical and spectroscopic characterization of GaAs passivated surfaces. Surface Science, 1995, 331-333, 447-452.	1.9	6
40	Observation of luminescence and Franz-Keldish effect on cleaved CdTe(110) surfaces. Surface Science, 1995, 331-333, 1361-1366.	1.9	2
41	Electronic states on Si(1 0 0)2 Å– 1-Sb: Existence of two semiconducting phases. Solid State Communications, 1993, 86, 667-670.	1.9	9
42	Early stages of nucleation and growth of diamond film by AES, SEM, UPS and optical reflectivity techniques: Surface composition. Physica B: Condensed Matter, 1993, 185, 94-98.	2.7	0
43	Island formation in Sb films deposited at room temperature on Si(100)2Å–1 surfaces. Physical Review B, 1993, 48, 17588-17590.	3.2	3
44	Si(100)1Å–1-Sb and Si(100)2Å–1-Sb surfaces studied with angle-resolved photoemission and surface differential reflectivity. Physical Review B, 1993, 47, 15745-15749.	3.2	33
45	Early stages of nucleation and growth of diamond film by AES, SEM, UPS and optical reflectivity techniques: Surface composition. , 1993, , 94-98.		0
46	Study of early stages of diamond nucleation and growth by combined use of SEM and AES techniques. Applied Surface Science, 1992, 56-58, 100-103.	6.1	5
47	Polarized surface differential reflectivity and oxygen chemisorption on InP(110) surfaces. Surface Science, 1991, 251-252, 281-285.	1.9	2
48	Oxygen chemisorption on cleaved InP(110) surfaces studied with surface differential reflectivity. Physical Review B, 1991, 43, 6757-6759.	3.2	9
49	Clean and oxygen covered InP(110) surfaces differential reflectivity. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1991, 9, 1026-1028.	2.1	10
50	Label-free discrimination of cells undergoing apoptosis by hyperspectral confocal reflectance imaging. Journal of the European Optical Society-Rapid Publications, 0, 8, .	1.9	6