

# 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	Synthesis of mesoscale ordered two-dimensional $\pi$ -conjugated polymers with semiconducting properties. <i>Nature Materials</i> , 2020, 19, 874-880.	27.5	158
2	Electronic structure of graphene/Co interfaces. <i>Physical Review B</i> , 2014, 90, .	3.2	41
3	Si(100)1Å–1-Sb and Si(100)2Å–1-Sb surfaces studied with angle-resolved photoemission and surface differential reflectivity. <i>Physical Review B</i> , 1993, 47, 15745-15749.	3.2	33
4	Influence of the substrate bands on the s-p levels topology of Ag films on Ge(111). <i>Physical Review B</i> , 2009, 80, .	3.2	24
5	Quasicrystalline Electronic States of a One-Dimensionally Modulated Ag Film. <i>Physical Review Letters</i> , 2006, 96, 156401.	7.8	23
6	Synthesis of SiC on Si(111) at moderate temperatures by supersonic C60 beams. <i>Applied Surface Science</i> , 2001, 184, 350-355.	6.1	21
7	Probing Quasiparticle States Bound by Disparate Periodic Potentials. <i>Physical Review Letters</i> , 2006, 97, 206802.	7.8	20
8	Quantum size effects arising from incompatible point-group symmetries: Angle-resolved photoemission study. <i>Physical Review B</i> , 2006, 74, .	3.2	20
9	Asymmetric band gaps in a Rashba film system. <i>Physical Review B</i> , 2016, 93, .	3.2	19
10	1D electronic properties in temperature-induced $c(4\sqrt{2})$ to $2\sqrt{2}$ -1 transition on the $\sqrt{2}$ -SiC(100) surface. <i>Applied Surface Science</i> , 2000, 162-163, 559-564.	6.1	16
11	High resolution photoemission study of C60 on Si(111) as a precursor of SiC growth. <i>Surface Science</i> , 2000, 454-456, 832-836.	1.9	15
12	Optical properties of stepped $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ quantum wells. <i>Journal of Applied Physics</i> , 1998, 83, 7920-7928.	2.5	14
13	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
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	Probing the electronic transmission across a buried metal/metal interface. <i>Physical Review B</i> , 2010, 82, .	3.2	11
16	Energy-momentum mapping of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -derived Au(111) states in a thin film. <i>Physical Review B</i> , 2016, 93, .	3.2	11
17	Clean and oxygen covered InP(110) surfaces differential reflectivity. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1991, 9, 1026-1028.	2.1	10
18	Oxygen chemisorption on cleaved InP(110) surfaces studied with surface differential reflectivity. <i>Physical Review B</i> , 1991, 43, 6757-6759.	3.2	9

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19	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
20	Molecular orientation of C60 on Pt(111) determined by X-ray photoelectron diffraction. Applied Surface Science, 2003, 212-213, 57-61.	6.1	9
21	Sharp high-resolution Si2pcore level on the Sb-terminated Si(111) surface: Evidence for charge transfer. Physical Review B, 2000, 62, 9931-9934.	3.2	8
22	Morphological and textural characterization of vanadium oxide supported on zirconia by ionic exchange. Applied Surface Science, 2008, 255, 2012-2019.	6.1	8
23	Novel fluorescent security marker. Part I: morphological and optical properties of 2-amino-6-ethoxy-4-[4-(4-morpholinyl)phenyl]-3,5-pyridinedicarbonitrile nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	8
24	Experimental multi-techniques apparatus for optical properties of quantum structures. Physica Status Solidi A, 1995, 152, 303-314.	1.7	7
25	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
26	Label-free and non-invasive discrimination of HaCaT and melanoma cells in a co-culture model by hyperspectral confocal reflectance microscopy. Journal of Biophotonics, 2016, 9, 619-625.	2.3	7
27	Optical and spectroscopic characterization of GaAs passivated surfaces. Surface Science, 1995, 331-333, 447-452.	1.9	6
28	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
29	One-Dimensional $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Electronic Bands of Monatomic Cu Chains. Physical Review Letters, 2008, 101, 036807.	7.8	6
30	Electronic states of moiré modulated Cu films. Journal of Physics Condensed Matter, 2012, 24, 335502.	1.8	6
31	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
32	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
33	A Fast Transient Absorption Study of Co(AcAc)3. Frontiers in Chemistry, 2019, 7, 348.	3.6	5
34	Electronic properties and photoelectron circular dichroism of adsorbed chiral molecules. Physical Review B, 2015, 91, .	3.2	4
35	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
36	Magnetic decoupling of ferromagnetic metals through a graphene spacer. Journal of Magnetism and Magnetic Materials, 2017, 426, 440-443.	2.3	3

#	ARTICLE	IF	CITATIONS
37	Electron Confinement Effects in Silver Films Embedded between Graphene and Metallic Substrates. Journal of Physical Chemistry C, 2019, 123, 9764-9769.	3.1	3
38	Polarized surface differential reflectivity and oxygen chemisorption on InP(110) surfaces. Surface Science, 1991, 251-252, 281-285.	1.9	2
39	Luminescence and Franz-Keldish effect on CdTe(110) 1 Å– 1 surfaces by surface differential reflectivity. Vacuum, 1995, 46, 485-488.	3.5	2
40	Observation of luminescence and Franz-Keldish effect on cleaved CdTe(110) surfaces. Surface Science, 1995, 331-333, 1361-1366.	1.9	2
41	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
42	Scanning tunneling microscopy and photoemission studies of self-organised Ag nanostructures on the N-modified Cu(001) surface. Surface Science, 2018, 677, 213-218.	1.9	2
43	One-dimensional Rashba states with unconventional spin texture in Bi chains. Physical Review B, 2022, 106, .	3.2	2
44	Exciton states in In <sub>x</sub> Ga <sub>1-x</sub> As/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
45	Surface proximity effects in InAs quantum wells investigated by photoreflectance. Solid State Communications, 1996, 100, 591-595.	1.9	1
46	Spin-polarized confined states in Ag films on Fe(100). Journal of Physics Condensed Matter, 2017, 29, 495806.	1.8	1
47	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
48	High resolution photoemission core level spectroscopy study and TEM analysis of the Ge/As/Si(001) growth. Surface Science, 2001, 482-485, 574-579.	1.9	0
49	Reference plane for the electronic states in thin films on stepped surfaces. Physical Review B, 2021, 103, .	3.2	0
50	Early stages of nucleation and growth of diamond film by AES, SEM, UPS and optical reflectivity techniques: Surface composition. , 1993, , 94-98.		0