

Paolo Moras

List of Publications by Year in descending order

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96
papers

2,939
citations

236612

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168136

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99
docs citations

99
times ranked

4457
citing authors

#	ARTICLE	IF	CITATIONS
1	Doping induced band renormalization in 122-type Fe-based superconductor. Journal of Physics: Conference Series, 2022, 2164, 012004.	0.3	0
2	Surface states in noncentrosymmetric superconductor BiPd. Journal of Physics: Conference Series, 2022, 2164, 012062.	0.3	0
3	Ag growth on the Ag ₂ Bi Rashba alloy. Surface Science, 2022, , 122125.	0.8	0
4	Clarifying the apparent flattening of the graphene band near the van Hove singularity. Physical Review B, 2022, 105, .	1.1	6
5	From Cr carbide to Cr oxide through a graphene layer. Applied Surface Science, 2022, 599, 153926.	3.1	1
6	One-dimensional Rashba states with unconventional spin texture in Bi chains. Physical Review B, 2022, 106, .	1.1	2
7	Electronic properties of phases in the quasi-binary Bi ₂ Se ₃ –Bi ₂ S ₃ system. Journal of Materials Chemistry C, 2021, 9, 3058-3064.	2.7	2
8	Dirac states in the noncentrosymmetric superconductor BiPd. Physical Review B, 2021, 103, .	1.1	5
9	Reference plane for the electronic states in thin films on stepped surfaces. Physical Review B, 2021, 103, .	1.1	0
10	A novel free-electron laser single-pulse Wollaston polarimeter for magneto-dynamical studies. Structural Dynamics, 2021, 8, 034304.	0.9	6
11	Effect of a subnanometer thin insulator layer at the Ag/Si(111) interface through the observation of quantum well states. Physical Review Materials, 2021, 5, .	0.9	2
12	Emergence of well-screened states in a superconducting material of the CaFe_2 family. Physical Review B, 2021, 104, .		
13	Topological properties and self-energy effects in elemental Yb. Physical Review B, 2021, 104, .	1.1	0
14	Low-temperature insulating phase of the Si surface. Physical Review B, 2020, 102, .		
15	Topologization of \hat{f}^2 -antimonene on Bi ₂ Se ₃ via proximity effects. Scientific Reports, 2020, 10, 14619.	1.6	17
16	Electronic band structure of three-dimensional topological insulators with different stoichiometry composition. Physical Review B, 2020, 102, .	1.1	3
17	Influence of 4f filling on electronic and magnetic properties of rare earth-Au surface compounds. Nanoscale, 2020, 12, 22258-22267.	2.8	11
18	Synthesis of mesoscale ordered two-dimensional π -conjugated polymers with semiconducting properties. Nature Materials, 2020, 19, 874-880.	13.3	158

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19	Depth-resolved core level spectroscopy of noncentrosymmetric solid BiPd. Physical Review B, 2020, 101, .	1.1	8
20	Insight into the electronic structure of semiconducting μ -GaSe and μ -InSe. Physical Review Materials, 2020, 4, .	0.9	4
21	Anomalous spectral evolution with bulk sensitivity in BiPd. AIP Conference Proceedings, 2020, , .	0.3	0
22	Temperature Driven Phase Transition at the Antimonene/Bi ₂ Se ₃ van der Waals Heterostructure. ACS Nano, 2019, 13, 10481-10489.	7.3	45
23	Indirect chiral magnetic exchange through Dzyaloshinskiiâ€“Moriya-enhanced RKKY interactions in manganese oxide chains on Ir(100). Nature Communications, 2019, 10, 2610.	5.8	22
24	Electron Confinement Effects in Silver Films Embedded between Graphene and Metallic Substrates. Journal of Physical Chemistry C, 2019, 123, 9764-9769.	1.5	3
25	Growth, morphology and stability of Au in contact with the Bi ₂ Se ₃ (0001) surface. Applied Surface Science, 2019, 471, 753-758.	3.1	6
26	Advanced Photoelectron Spectroscopies. , 2019, , 113-157.		2
27	A spectroscopy and microscopy study of silicon nanoclusters grown on $\hat{\Gamma}^2$ -Si ₃ N ₄ (0001)/Si(111) interface. Applied Surface Science, 2019, 466, 59-62.	3.1	2
28	Hidden phase in parent Fe-pnictide superconductors. Physical Review B, 2018, 97, .	1.1	11
29	Evidence of $\hat{\Gamma}^2$ -antimonene at the Sb/Bi ₂ Se ₃ interface. Nanotechnology, 2018, 29, 065704.	1.3	26
30	Electronic structure of the Ge/Si(111) hetero-interface: an ARPES and DFT study. Journal of Physics Condensed Matter, 2018, 30, 465502.	0.7	2
31	Interface electronic structure at the topological insulatorâ€“ferrimagnetic insulator junction. Journal of Physics Condensed Matter, 2017, 29, 055002.	0.7	7
32	Signature of surface periodicity in the electronic structure of Si(111)-(7 \times 7). Journal of Physics Condensed Matter, 2017, 29, 215001.	0.7	6
33	Electronic States of Silicene Allotropes on Ag(111). ACS Nano, 2017, 11, 975-982.	7.3	45
34	Experimental realization of two-dimensional Dirac nodal line fermions in monolayer Cu ₂ Si. Nature Communications, 2017, 8, 1007.	5.8	219
35	Surface, final state, and spin effects in the valence-band photoemission spectra of LaCoO ₃ (001). Physical Review B, 2017, 96, .	1.1	4
36	Spin-polarized confined states in Ag films on Fe(111). Journal of Physics Condensed Matter, 2017, 29, 495806.	0.7	1

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37	Absence of Dirac cones in monolayer silicene and multilayer Si films on Ag(111). Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 2-8.	0.8	18
38	Energy-momentum mapping of d -derived Au(111) states in a thin film. Physical Review B, 2016, 93, .	1.1	11
39	Asymmetric band gaps in a Rashba film system. Physical Review B, 2016, 93, .	1.1	19
40	Spin texture in type-II Weyl semimetal WTe_2 . Physical Review B, 2016, 94, .	1.1	11
41	Electronic and geometric structure of graphene/SiC(0001) decoupled by lithium intercalation. Physical Review B, 2015, 91, .	1.1	56
42	Evidence for a diamondlike electronic band structure of Si multilayers on Ag(111). Physical Review B, 2015, 92, .	1.1	27
43	Interplay between electronic and structural properties in the Pb/Ag(1 0 0) interface. Journal of Physics Condensed Matter, 2015, 27, 455502.	0.7	1
44	Magnetization-dependent Rashba splitting of quantum well states at the Co/W interface. Physical Review B, 2015, 91, .	1.1	23
45	Electronic properties and photoelectron circular dichroism of adsorbed chiral molecules. Physical Review B, 2015, 91, .	1.1	4
46	Nearly-free electronlike surface resonance of a Si_3N_4 surface. Physical Review B, 2015, 91, .	1.1	11
47	Spectroscopic signatures of an ordered array of independent Ag heptamers. Journal of Physics Condensed Matter, 2015, 27, 305502.	0.7	0
48	Spin-orbit interaction and Dirac cones in orbital noble metal surface states. Physical Review B, 2015, 91, .	1.1	22
49	Ultrafast spin-switching of a ferrimagnetic alloy at room temperature traced by resonant magneto-optical Kerr effect using a seeded free electron laser. Review of Scientific Instruments, 2015, 86, 083901.	0.6	18
50	Anisotropic electronic conduction in metal nanofilms grown on a one-dimensional surface superstructure. Physical Review B, 2014, 89, .	1.1	7
51	Coupling of single, double, and triple-decker metal-phthalocyanine complexes to ferromagnetic and antiferromagnetic substrates. Surface Science, 2014, 630, 361-374.	0.8	49
52	Electronic structure of graphene/Co interfaces. Physical Review B, 2014, 90, .	1.1	41
53	Coexistence of multiple silicene phases in silicon grown on Ag(111). Journal of Physics Condensed Matter, 2014, 26, 185001.	0.7	73
54	Massless Dirac cones in graphene: Experiments and theory. Annalen Der Physik, 2014, 526, 387-394.	0.9	7

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55	Surface Modification of ZnO(0001) with Phosphonate-Based Self-Assembled Monolayers: Binding Modes, Orientation, and Work Function. <i>Chemistry of Materials</i> , 2014, 26, 5042-5050.	3.2	66
56	Electronic structure of epitaxial graphene grown on stepped Pt(997). <i>Physical Review B</i> , 2014, 89, .	1.1	10
57	Dose and wavelength dependent study of graphene oxide photoreduction with VUV Synchrotron radiation. <i>Carbon</i> , 2014, 79, 478-485.	5.4	18
58	Spin Tuning of Electron-Doped Metal-Phthalocyanine Layers. <i>Journal of the American Chemical Society</i> , 2014, 136, 5451-5459.	6.6	74
59	Silicene on Ag(111): A honeycomb lattice without Dirac bands. <i>Physical Review B</i> , 2014, 89, .	1.1	102
60	Is graphene on copper doped?. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 643-646.	1.2	30
61	Artificially lattice-mismatched graphene/metal interface: Graphene/Ni/Ir(111). <i>Physical Review B</i> , 2013, 87, .	1.1	53
62	Hybridization of graphene and a Ag monolayer supported on Re(0001). <i>Physical Review B</i> , 2013, 88, .	1.1	32
63	Electronic structure study of ultrathin Ag(111) films modified by a Si(111) substrate and $\sqrt{3} \times \sqrt{3}$ -Ag ₂ Bi surface. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 115501.	0.7	1
64	Varying molecular interactions by coverage in supramolecular surface chemistry. <i>Chemical Communications</i> , 2012, 48, 534-536.	2.2	34
65	Thermal stability of the Co ^{1/2} -Si ₃ N ₄ /Si(111) interface: A photoemission study. <i>Surface Science</i> , 2012, 606, 1215-1220.	0.8	7
66	Electronic states of moiré modulated Cu films. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 335502.	0.7	6
67	Two Distinct Phases of Bilayer Graphene Films on Ru(0001). <i>ACS Nano</i> , 2012, 6, 9299-9304.	7.3	21
68	Large Band Gap Opening between Graphene Dirac Cones Induced by Na Adsorption onto an Ir Superlattice. <i>ACS Nano</i> , 2012, 6, 199-204.	7.3	76
69	Controlling the Topology of Fermi Surfaces in Metal Nanofilms. <i>Physical Review Letters</i> , 2012, 109, 026802.	2.9	4
70	Self-Assembled Nanometer-Scale Magnetic Networks on Surfaces: Fundamental Interactions and Functional Properties. <i>Advanced Functional Materials</i> , 2011, 21, 1212-1228.	7.8	48
71	Mixed-valence behavior and strong correlation effects of metal phthalocyanines adsorbed on metals. <i>Physical Review B</i> , 2011, 83, .	1.1	128
72	Enhanced spin relaxation in an ultrathin metal film by the Rashba-type surface. <i>Physical Review B</i> , 2011, 83, .	1.1	11

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73	Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts. <i>Physical Review Letters</i> , 2010, 104, 117601.	2.9	22
74	Publisher's Note: Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts [<i>Phys. Rev. Lett.</i> 104, 117601 (2010)]. <i>Physical Review Letters</i> , 2010, 104, .	2.9	0
75	Direct Spectroscopic Evidence of Spin-Dependent Hybridization between Rashba-Split Surface States and Quantum-Well States. <i>Physical Review Letters</i> , 2010, 104, 156805.	2.9	26
76	Giant spin and orbital moment anisotropies of a Cu-phthalocyanine monolayer. <i>Physical Review B</i> , 2010, 82, .	1.1	98
77	Highly Anisotropic Dirac Cones in Epitaxial Graphene Modulated by an Island Superlattice. <i>Physical Review Letters</i> , 2010, 105, 246803.	2.9	121
78	Evidence of graphene-like electronic signature in silicene nanoribbons. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	555
79	Probing the electronic transmission across a buried metal/metal interface. <i>Physical Review B</i> , 2010, 82, .	1.1	11
80	Influence of the substrate bands on the s -levels topology of Ag films on Ge(111). <i>Physical Review B</i> , 2009, 80, .	1.1	24
81	Metal-to-insulator transition in thin-film polymeric AC60. <i>New Journal of Physics</i> , 2009, 11, 023035.	1.2	3
82	Quantum well band formation in Ag films on InSb(111). <i>Journal of Physics Condensed Matter</i> , 2009, 21, 355502.	0.7	2
83	One-Dimensional $3d$ Electronic Bands of Monatomic Cu Chains. <i>Physical Review Letters</i> , 2008, 101, 036807.	2.9	6
84	Thermal behavior of the Au/c-Si ₃ N ₄ /Si(111) interface. <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	10
85	Evaluation of the donor ability of phenanthrolines in iridium complexes by means of synchrotron radiation photoemission spectroscopy and DFT calculations. <i>Dalton Transactions</i> , 2007, , 133-142.	1.6	25
86	Adsorption of d-alanine on Cu(100). <i>Surface Science</i> , 2007, 601, 2562-2565.	0.8	17
87	Isotopic effect in deuterium-induced semiconductor surface metallization: D^3 -SiC(100) 3Å^{-2} . <i>Applied Physics Letters</i> , 2006, 89, 042114.	1.5	12
88	Hydrogen Nanochemistry Achieving Clean and Pre-Oxidized Silicon Carbide Surface Metallization. <i>Materials Science Forum</i> , 2006, 527-529, 667-672.	0.3	0
89	Probing Quasiparticle States Bound by Disparate Periodic Potentials. <i>Physical Review Letters</i> , 2006, 97, 206802.	2.9	20
90	Quantum size effects arising from incompatible point-group symmetries: Angle-resolved photoemission study. <i>Physical Review B</i> , 2006, 74, .	1.1	20

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91	Quasicrystalline Electronic States of a One-Dimensionally Modulated Ag Film. Physical Review Letters, 2006, 96, 156401.	2.9	23
92	Initial nitride formation at Si ³ C-SiC(100)3Å-2 interface by oxynitridation. Applied Physics Letters, 2005, 87, 193110.	1.5	3
93	Probing the Ground State Electronic Structure of a Correlated Electron System by Quantum Well States:Ag/Ni(111). Physical Review Letters, 2005, 95, 247601.	2.9	45
94	Hydrogen-induced metallization of a preoxidized 3C-SiC(100)3Å-2 surface. Applied Physics Letters, 2004, 85, 4893-4895.	1.5	16
95	SiC(1 0 0) ordered film growth by C60 decomposition on Si(1 0 0) surfaces. Applied Surface Science, 2001, 184, 50-54.	3.1	6
96	Synthesis of SiC on Si(111) at moderate temperatures by supersonic C60 beams. Applied Surface Science, 2001, 184, 350-355.	3.1	21