

Luca Moreschini

List of Publications by Year in descending order

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26
papers

2,327
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

4470
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Spin Splitting through Surface Alloying. <i>Physical Review Letters</i> , 2007, 98, 186807.	7.8	732
2	Fluorographene: A Wide Bandgap Semiconductor with Ultraviolet Luminescence. <i>ACS Nano</i> , 2011, 5, 1042-1046.	14.6	394
3	Tunable Polaronic Conduction in Anatase TiO_2 . <i>Physical Review Letters</i> , 2013, 110, 196403.	7.8	237
4	Coexisting massive and massless Dirac fermions in symmetry-broken bilayer graphene. <i>Nature Materials</i> , 2013, 12, 887-892.	27.5	164
5	Universal Mechanism of Band-Gap Engineering in Transition-Metal Dichalcogenides. <i>Nano Letters</i> , 2017, 17, 1610-1615.	9.1	157
6	Highly p-doped epitaxial graphene obtained by fluorine intercalation. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	141
7	A novel quasi-one-dimensional topological insulator in bismuth iodide Bi_2I_4 . <i>Nature Materials</i> , 2016, 15, 154-158.	27.5	90
8	Origin and manipulation of the Rashba splitting in surface alloys. <i>Europhysics Letters</i> , 2009, 87, 37003.	2.0	67
9	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. <i>Physical Review Letters</i> , 2020, 125, 216402.	7.8	47
10	Layer-by-Layer Evolution of a Two-Dimensional Electron Gas Near an Oxide Interface. <i>Physical Review Letters</i> , 2013, 111, 126401.	7.8	45
11	Latent instabilities in metallic LaNiO_3 films by strain control of Fermi-surface topology. <i>Scientific Reports</i> , 2015, 5, 8746.	3.3	34
12	Electronic Instability in a Zero-Gap Semiconductor: The Charge-Density Wave in TaSe_4 . <i>Physical Review Letters</i> , 2013, 110, 236401.		
13	Luminescence, Patterned Metallic Regions, and Photon-Mediated Electronic Changes in Single-Sided Fluorinated Graphene Sheets. <i>ACS Nano</i> , 2014, 8, 7801-7808.	14.6	28
14	Angle-Resolved Photoemission Spectroscopy of Tetragonal CuO : Evidence for Intralayer Coupling Between Cupratelike Sublattices. <i>Physical Review Letters</i> , 2014, 113, 187001.	7.8	21
15	Evidence for indirect band gap in BaSnO_3 using angle-resolved photoemission spectroscopy. <i>Current Applied Physics</i> , 2017, 17, 595-599.	2.4	21
16	Visualizing Orbital Content of Electronic Bands in Anisotropic 2D Semiconducting ReSe_2 . <i>ACS Nano</i> , 2020, 14, 7880-7891.	14.6	19
17	Bulk and surface band structure of the new family of semiconductors BiTeX ($X=\text{I, Br, Cl}$). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 201, 115-120.	1.7	18
18	How Indium Nitride Senses Water. <i>Nano Letters</i> , 2017, 17, 7339-7344.	9.1	18

#	ARTICLE	IF	CITATIONS
19	Electronic structure of single crystal UPd3, UGe2, and USb2 from hard X-ray and angle-resolved photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 517-524.	1.7	13
20	Sublattice Interference as the Origin of Γ Band Kinks in Graphene. Physical Review Letters, 2016, 116, 186802.	7.8	13
21	How to extract the surface potential profile from the ARPES signature of a 2DEG. Journal of Electron Spectroscopy and Related Phenomena, 2018, 225, 16-22.	1.7	13
22	Insulating-layer formation of metallic LaNiO3 on Nb-doped SrTiO3 substrate. Applied Physics Letters, 2015, 106, 121601.	3.3	10
23	Present and future trends in spin ARPES. Europhysics Letters, 2021, 134, 57001.	2.0	6
24	Electronic Phase Separation and Dramatic Inverse Band Renormalization in the Mixed-Valence Cuprate LiCuO_2 . Physical Review Letters, 2017, 118, 176404.	7.8	13
25	Enhanced tunability of two-dimensional electron gas on SrTiO3 through heterostructuring. Current Applied Physics, 2020, 20, 1268-1273.	2.4	3
26	Origin of large magnetoresistance in the topological nonsymmorphic semimetal TaSe3. Physical Review B, 2021, 104, .	3.2	2