

# 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	Present and future trends in spin ARPES. Europhysics Letters, 2021, 134, 57001.	2.0	6
2	Origin of large magnetoresistance in the topological nonsymmorphic semimetal TaSe <sub>3</sub> . Physical Review B, 2021, 104, .	3.2	2
3	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. Physical Review Letters, 2020, 125, 216402.	7.8	47
4	Enhanced tunability of two-dimensional electron gas on SrTiO <sub>3</sub> through heterostructuring. Current Applied Physics, 2020, 20, 1268-1273.	2.4	3
5	Visualizing Orbital Content of Electronic Bands in Anisotropic 2D Semiconducting ReSe <sub>2</sub> . ACS Nano, 2020, 14, 7880-7891.	14.6	19
6	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
7	Universal Mechanism of Band-Gap Engineering in Transition-Metal Dichalcogenides. Nano Letters, 2017, 17, 1610-1615.	9.1	157
8	Evidence for indirect band gap in BaSnO <sub>3</sub> using angle-resolved photoemission spectroscopy. Current Applied Physics, 2017, 17, 595-599.	2.4	21
9	Electronic Phase Separation and Dramatic Inverse Band Renormalization in the Mixed-Valence Cuprate $\text{LiCuO}_2$ Physical Review Letters, 2017, 118, 176404.	7.8	13
10	How Indium Nitride Senses Water. Nano Letters, 2017, 17, 7339-7344.	9.1	18
11	Sublattice Interference as the Origin of $\text{Band Kinks in Graphene}$ Physical Review Letters, 2016, 116, 186802.	7.8	13
12	A novel quasi-one-dimensional topological insulator in bismuth iodide $\text{I}_2\text{-Bi}_4\text{I}_4$ . Nature Materials, 2016, 15, 154-158.	27.5	90
13	Bulk and surface band structure of the new family of semiconductors BiTeX (X=I, Br, Cl). Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 115-120.	1.7	18
14	Latent instabilities in metallic LaNiO <sub>3</sub> films by strain control of Fermi-surface topology. Scientific Reports, 2015, 5, 8746.	3.3	34
15	Insulating-layer formation of metallic LaNiO <sub>3</sub> on Nb-doped SrTiO <sub>3</sub> substrate. Applied Physics Letters, 2015, 106, 121601.	3.3	10
16	Angle-Resolved Photoemission Spectroscopy of Tetragonal CuO: Evidence for Intralayer Coupling Between Cupratelike Sublattices. Physical Review Letters, 2014, 113, 187001.	7.8	21
17	Luminescence, Patterned Metallic Regions, and Photon-Mediated Electronic Changes in Single-Sided Fluorinated Graphene Sheets. ACS Nano, 2014, 8, 7801-7808.	14.6	28
18	Coexisting massive and massless Dirac fermions in symmetry-broken bilayer graphene. Nature Materials, 2013, 12, 887-892.	27.5	164

#	ARTICLE	IF	CITATIONS
19	Tunable Polaronic Conduction in Anatase $\text{TiO}_2$ . Physical Review Letters, 2013, 110, 196403.	7.8	237
20	Layer-by-Layer Evolution of a Two-Dimensional Electron Gas Near an Oxide Interface. Physical Review Letters, 2013, 111, 126401.	7.8	45
21	Electronic instability in a Zero-Gap Semiconductor: The Charge-Density Wave in $\text{TaSe}_4$ . Physical Review Letters, 2013, 110, 236401.	7.8	45
22	Highly p-doped epitaxial graphene obtained by fluorine intercalation. Applied Physics Letters, 2011, 98, .	3.3	141
23	Fluorographene: A Wide Bandgap Semiconductor with Ultraviolet Luminescence. ACS Nano, 2011, 5, 1042-1046.	14.6	394
24	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
25	Origin and manipulation of the Rashba splitting in surface alloys. Europhysics Letters, 2009, 87, 37003.	2.0	67
26	Giant Spin Splitting through Surface Alloying. Physical Review Letters, 2007, 98, 186807.	7.8	732