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List of Publications by Year
in descending order

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42 papers	2,585 citations	393982 19 h-index	264894 42 g-index
42 all docs	42 docs citations	42 times ranked	4431 citing authors

#	Article	IF	Citations
1	Evidence for highly p-type doping and type II band alignment in large scale monolayer WSe₂/Se-terminated GaAs heterojunction grown by molecular beam epitaxy. Nanoscale, 2022, 14, 5859-5868.	2.8	12
2	Clarifying the apparent flattening of the graphene band near the van Hove singularity. Physical Review B, 2022, 105, .	1.1	6
3	Electronic band gap of van der Waals Î±-As2Te3 crystals. Applied Physics Letters, 2021, 119, .	1.5	4
4	Indirect to direct band gap crossover in two-dimensional WS2(1âˆ'x)Se2x alloys. Npj 2D Materials and Applications, 2021, 5, .	3.9	31
5	Electron-phonon coupling origin of the graphene Ï€* -band kink via isotope effect. Physical Review B, 2021, 103, .	1.1	3
6	The relevance of ARPES to high-Tc superconductivity in cuprates. Npj Quantum Materials, 2020, 5, .	1.8	10
7	Electron-polaron dichotomy of charge carriers in perovskite oxides. Communications Physics, 2020, 3, .	2.0	19
8	Evidence of direct electronic band gap in two-dimensional van der Waals indium selenide crystals. Physical Review Materials, 2019, 3, .	0.9	18
9	Electronic phase separation at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> interfaces tunable by oxygen deficiency. Physical Review Materials, 2019, 3, .	0.9	19
10	Band Dependent Interlayer f -Electron Hybridization in CeRhIn5. Physical Review Letters, 2018, 120, 066403.	2.9	49
11	Depth-resolved charge reconstruction at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaNi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi>CaMn</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> interface. Physical Review B, 2018, 98, .	0.9	13
12	Electronic structure of buried LaNiO3 layers in (111)-oriented LaNiO3/LaMnO3 superlattices probed by soft x-ray ARPES. APL Materials, 2017, 5, .	2.2	9
13	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. Physical Review Letters, 2017, 118, 106406.	2.9	27
14	Electronic band structure of the buried SiO2/SiC interface investigated by soft x-ray ARPES. Applied Physics Letters, 2017, 110, .	1.5	7
15	Fermi surface and effective masses in photoemission response of the (Ba1âˆ'x K x)Fe2As2 superconductor. Scientific Reports, 2017, 7, 8787.	1.6	15
16	Adsorption of Water and Ammonia on Graphene: Evidence for Chemisorption from X-ray Absorption Spectra. Journal of Physical Chemistry Letters, 2017, 8, 3668-3672.	2.1	21
17	Direct observation of how the heavy-fermion state develops in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 96, .	1.1	94
18	Band structure of the EuO/Si interface: justification for silicon spintronics. Journal of Materials Chemistry C, 2017, 5, 192-200.	2.7	37

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19	Weakly-Correlated Nature of Ferromagnetism in Nonsymmorphic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CrO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Revealed by Bulk-Sensitive Soft-X-Ray ARPES. Physical Review X, 2017, 7, .	2.8	19
20	Evidence for a Strong Topological Insulator Phase in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2016, 117, 237601.	2.9	125
21	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NaFe</mml:mi></mml:mrow><mml:mrow><mml:mn>0.56</mml:m A Pnictide Insulating Phase Induced by On-Site Coulomb Interaction. Physical Review Letters, 2016, 117, 097001.	2.9	16
22	Observation of Weyl nodes and Fermi arcs in tantalum phosphide. Nature Communications, 2016, 7, 11006.	5.8	264
23	Disentangling bulk and surface Rashba effects in ferroelectric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-GeTe. Physical Review B, 2016, 94, .	1.1	74
24	Entanglement and manipulation of the magnetic and spinâ€“orbit order in multiferroic Rashba semiconductors. Nature Communications, 2016, 7, 13071.	5.8	68
25	Electronic and geometric structure of graphene/SiC(0001) decoupled by lithium intercalation. Physical Review B, 2015, 91, .	1.1	56
26	Few layered MoS₂lithography with an AFM tip: description of the technique and nanospectroscopy investigations. Nanoscale, 2015, 7, 11453-11459.	2.8	23
27	Fermi states and anisotropy of Brillouin zone scattering in the decagonal Alâ€“Niâ€“Co quasicrystal. Nature Communications, 2015, 6, 8607.	5.8	15
28	Observation of Weyl nodes in TaAs. Nature Physics, 2015, 11, 724-727.	6.5	867
29	Response to NO2 and other gases of resistive chemically exfoliated MoS2-based gas sensors. Sensors and Actuators B: Chemical, 2015, 207, 602-613.	4.0	331
30	Tetrakis erbium quinolinate complexes, electronic structure investigation. Organic Electronics, 2014, 15, 1810-1814.	1.4	3
31	Tunable sulfur desorption in exfoliated MoS2 by means of thermal annealing in ultra-high vacuum. Chemical Physics Letters, 2013, 588, 198-202.	1.2	124
32	Use of Optical Contrast To Estimate the Degree of Reduction of Graphene Oxide. Journal of Physical Chemistry C, 2013, 117, 620-625.	1.5	52
33	The electronic structure of gas phase croconic acid compared to the condensed phase: More insight into the hydrogen bond interaction. Journal of Chemical Physics, 2013, 138, 014308.	1.2	24
34	Large Area Extreme-UV Lithography of Graphene Oxide via Spatially Resolved Photoreduction. Langmuir, 2012, 28, 5489-5495.	1.6	46
35	Crystal phase dependent photoluminescence of 6,13-pentacenequinone. Journal of Applied Physics, 2012, 112, 013512.	1.1	3
36	Unravelling the Role of the Central Metal Ion in the Electronic Structure of Tris(8-hydroxyquinoline) Metal Chelates: Photoemission Spectroscopy and Hybrid Functional Calculations. Journal of Physical Chemistry A, 2012, 116, 11548-11552.	1.1	4

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37	Combined microscopies study of the C-contamination induced by extreme-ultraviolet radiation: A surface-dependent secondary-electron-based model. Applied Physics Letters, 2012, 100, 201603.	1.5	3
38	Electronic structure of tris(8-hydroxyquinolinato)aluminium(III) revisited using the Heyd-Scuseria-Ernzerhof hybrid functional: Theory and experiments. Physical Review B, 2011, 84, .	1.1	17
39	Infrared photoluminescence of erbium-tris(8-hydroxyquinoline) in a distributed feedback cavity. Journal of Luminescence, 2011, 131, 682-685.	1.5	7
40	Bulk phase two dimensional chiral growth of 6, 13 Pentacenequinone on SiO2. Journal of Applied Physics, 2011, 109, 063508.	1.1	4
41	Fingerprints of the hydrogen bond in the photoemission spectra of croconic acid condensed phase: An x-ray photoelectron spectroscopy and ab-initio study. Journal of Chemical Physics, 2011, 134, 174505.	1.2	26
42	Local surface morphology and chemistry of SnO2 thin films deposited by rheotaxial growth and thermal oxidation method for gas sensor application. Thin Solid Films, 2009, 517, 6161-6169.	0.8	20