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List of Publications by Year in descending order

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60
papers

7,758
citations

126858

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62
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62
docs citations

62
times ranked

8835
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> study on the evolution of atomic and electronic structure of LaTiO_3 system. <i>Physical Review Materials</i> , 2022, 6, .	10.9	3
2	Electronic structure of superconducting nickelates probed by resonant photoemission spectroscopy. <i>Matter</i> , 2022, 5, 1806-1815.	5.0	15
3	Synchrotron studies of functional interfaces and the state of the art: A perspective. <i>Journal of Applied Physics</i> , 2021, 129, 220902.	1.1	4
4	Band Engineering of Dirac Semimetals Using Charge Density Waves. <i>Advanced Materials</i> , 2021, 33, e2101591.	11.1	32
5	Search for $Q = \frac{1}{4} 0$ Order near a Forbidden Bragg Position in $\text{Bi}_{2.1}\text{Sr}_{1.9}\text{CaCu}_2\text{O}_{8+x}$ with Resonant Soft X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 111007.	0.7	0
6	Iodine orbital moment and chromium anisotropy contributions to CrI_3 magnetism. <i>Applied Physics Letters</i> , 2020, 117, 022411.	1.5	8
7	Resonant Soft X-Ray Scattering from Stripe-Ordered $\text{La}_{2-x}\text{MO}_3$ Detected by a Transition Edge Sensor Array Detector. <i>Physical Review Applied</i> , 2020, 13, .	0.8	3
8	High electrical conductivity in the epitaxial polar metals LaAuGe and LaPtSb . <i>APL Materials</i> , 2019, 7, .	2.2	15
9	The effect of spin-orbit coupling on nonsymmorphic square-net compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 128, 296-300.	1.9	16
10	Electronically enhanced layer buckling and Au-Au dimerization in epitaxial LaAuSb films. <i>Physical Review Materials</i> , 2019, 3, .	0.9	5
11	A practical superconducting-microcalorimeter X-ray spectrometer for beamline and laboratory science. <i>Review of Scientific Instruments</i> , 2017, 88, 053108.	0.6	96
12	Surface Floating 2D Bands in Layered Nonsymmorphic Semimetals: ZrSiS and Related Compounds. <i>Physical Review X</i> , 2017, 7, .	2.8	48
13	The intermediate energy X-ray beamline at the APS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 746, 98-105.	0.7	12
14	The interaction of Xe and Xe+K with graphene. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011, 183, 118-124.	0.8	3
15	Strictly one-dimensional electron system in Au chains on $\text{Ge}(001)$ revealed by photoelectron k -space mapping. <i>Physical Review B</i> , 2011, 83, .	1.1	37
16	Loss of nodal quasiparticle integrity in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. <i>Nature Physics</i> , 2010, 6, 905-911.	6.5	103
17	Fermi-Surface Topology and Helical Antiferromagnetism in Heavy Lanthanide Metals. <i>Physical Review Letters</i> , 2010, 104, 246401.	2.9	27
18	The interaction of quasi-particles in graphene with chemical dopants. <i>New Journal of Physics</i> , 2010, 12, 125014.	1.2	10

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19	Extended van Hove Singularity and Superconducting Instability in Doped Graphene. Physical Review Letters, 2010, 104, 136803.	2.9	294
20	Friction and Dissipation in Epitaxial Graphene Films. Physical Review Letters, 2009, 102, 086102.	2.9	482
21	Electronic properties of iron arsenic high temperature superconductors revealed by angle resolved photoemission spectroscopy (ARPES). Physica C: Superconductivity and Its Applications, 2009, 469, 491-497.	0.6	25
22	Towards wafer-size graphene layers by atmospheric pressure graphitization of silicon carbide. Nature Materials, 2009, 8, 203-207.	13.3	2,396
23	Experimental studies of the electronic structure of graphene. Progress in Surface Science, 2009, 84, 380-413.	3.8	75
24	Quasiparticle Transformation during a Metal-Insulator Transition in Graphene. Physical Review Letters, 2009, 103, 056404.	2.9	208
25	Two-dimensional electron gas formed on the indium-adsorbed Si(111)3 \times 3 $\sqrt{3}$ surface. Physical Review B, 2009, 80, .	1.1	38
26	Epitaxial graphene: a new material. Physica Status Solidi (B): Basic Research, 2008, 245, 1436-1446.	0.7	173
27	Origin of the energy bandgap in epitaxial graphene. Nature Materials, 2008, 7, 258-259.	13.3	170
28	In situ doping control of the surface of high-temperature superconductors. Nature Physics, 2008, 4, 527-531.	6.5	175
29	K-Doping Dependence of the Fermi Surface of the Iron-Arsenic BaFe_2As_2 Using Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 177005.	2.9	214
30	Morphology of graphene thin film growth on SiC(0001). New Journal of Physics, 2008, 10, 023034.	1.2	156
31	Van Hove singularity and apparent anisotropy in the electron-phonon interaction in graphene. Physical Review B, 2008, 77, .	1.1	50
32	Quantum well and resonance-band split off in a K monolayer on Cu(111). Physical Review B, 2008, 77, .	1.1	16
33	Coupled Pb Chains on Si(557): Origin of One-Dimensional Conductance. Physical Review Letters, 2008, 100, 076802.	2.9	47
34	Photoemission Studies of Graphene on SiC: Growth, Interface, and Electronic Structure. , 2008, , 159-170.		24
35	Symmetry breaking in few layer graphene films. New Journal of Physics, 2007, 9, 385-385.	1.2	174
36	Scanning tunneling spectroscopy of inhomogeneous electronic structure in monolayer and bilayer graphene on SiC. Applied Physics Letters, 2007, 91, .	1.5	238

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37	Interlayer Interaction and Electronic Screening in Multilayer Graphene Investigated with Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2007, 98, 206802.	2.9	678
38	Low-dimensional electron gas at semiconductor surfaces. <i>Solid State Communications</i> , 2007, 142, 617-626.	0.9	26
39	Renormalization of graphene bands by many-body interactions. <i>Solid State Communications</i> , 2007, 143, 63-71.	0.9	67
40	Band structure and many body effects in graphene. <i>European Physical Journal: Special Topics</i> , 2007, 148, 5-13.	1.2	32
41	Synthesis and characterization of atomically thin graphite films on a silicon carbide substrate. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2172-2177.	1.9	423
42	Orientation of fluorophenols on Si(111) by near edge x-ray absorption fine structure spectroscopy. <i>Physical Review B</i> , 2006, 73, .	1.1	14
43	Detection and switching of the oxidation state of Fe in a self-assembled monolayer. <i>Surface Science</i> , 2005, 587, L191-L196.	0.8	29
44	Si(110)5Å–2Å Au: A metallic chain structure. <i>Physical Review B</i> , 2005, 72, .	1.1	22
45	Doping of a surface band on Si(111)3Å–3Å Ag. <i>Physical Review B</i> , 2005, 72, .	1.1	55
46	Electronic stabilization of a5Å–4dopant superlattice on Si(111)5Å–2Å Au. <i>Physical Review B</i> , 2004, 70, .	1.1	55
47	Chains of gold atoms with tailored electronic states. <i>Physical Review B</i> , 2004, 69, .	1.1	252
48	Stepped Silicon Surfaces as Templates for One-Dimensional Nanostructures. <i>Journal of Physical Chemistry B</i> , 2004, 108, 14484-14490.	1.2	37
49	Unoccupied orbitals of 3d transition metals in ZnS. <i>Physical Review B</i> , 2004, 70, .	1.1	17
50	Silicon adatoms on the Si(111)5Å–2Å Au surface. <i>Surface Science</i> , 2003, 532-535, 928-933.	0.8	38
51	Fractional Band Filling in an Atomic Chain Structure. <i>Physical Review Letters</i> , 2003, 90, 176805.	2.9	210
52	Thermal decomposition of surfactant coatings on Co and Ni nanocrystals. <i>Applied Physics Letters</i> , 2003, 83, 5053-5055.	1.5	65
53	Atomic scale memory at a silicon surface. <i>Nanotechnology</i> , 2002, 13, 499-502.	1.3	100
54	Gd disilicide nanowires attached to Si(111) steps. <i>Nanotechnology</i> , 2002, 13, 545-547.	1.3	52

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55	One-dimensional Gd-induced chain structures on Si() surfaces. Surface Science, 2002, 498, L109-L112.	0.8	48
56	One-dimensional electronic states at surfaces. Journal of Physics Condensed Matter, 2001, 13, 11097-11113.	0.7	106
57	CZT detectors fabricated from horizontal and vertical Bridgman-grown crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 458, 503-510.	0.7	9
58	Growth study of epitaxial $\text{Fe}_x\text{Zn}_{1-x}\text{F}_2$ thin films. Journal of Materials Research, 2001, 16, 1769-1775.	1.2	6
59	Magnetic properties of $\text{Co/Rehcp}(101\hat{0})$ superlattices. Physical Review B, 1999, 59, 11897-11908.	1.1	15
60	Compensation and trapping in semi-insulating CdZnTe. , 1999, 3768, 115.		5