Kevin E Smith

List of Publications by Year
in descending order

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49 papers	1,445 citations	279798 23 h-index	315739 38 g-index
50 all docs	50 docs citations	50 times ranked	2014 citing authors

#	Article	IF	Citations
1	Effect of lattice mismatch on film morphology of the quasi-one dimensional conductor K_{0.3}MoO₃. RSC Advances, 2022, 12, 4521-4525.	3.6	0
2	Role of phase separation in nanocomposite indium-tin-oxide films for transparent thermoelectric applications. Journal of Materiomics, 2021, 7, 612-620.	5.7	28
3	Ironsand (Titanomagnetite-Titanohematite): Chemistry, Magnetic Properties and Direct Applications for Wireless Power Transfer. Materials, 2021, 14, 5455.	2.9	4
4	Momentum for Catalysis: How Surface Reactions Shape the RuO2 Flat Surface State. ACS Catalysis, 2021, 11, 1749-1757.	11.2	8
5	Methanol Adsorption on Vanadium Oxide Surfaces Observed by Ambient Pressure X-ray Photoelectron Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 23192-23204.	3.1	1
6	The Itinerant 2D Electron Gas of the Indium Oxide (111) Surface: Implications for Carbonâ€•and Energyâ€Conversion Applications. Small, 2020, 16, e1903321.	10.0	17
7	Influence of Carrier Density and Energy Barrier Scattering on a High Seebeck Coefficient and Power Factor in Transparent Thermoelectric Copper Iodide. ACS Applied Energy Materials, 2020, 3, 10037-10044.	5.1	49
8	Water adsorption on vanadium oxide thin films in ambient relative humidity. Journal of Chemical Physics, 2020, 152, 044715.	3.0	27
9	Largeâ€Area 2D/3D MoS₂â€“MoO₂ Heterostructures with Thermally Stable Exciton and Intriguing Electrical Transport Behaviors. Advanced Electronic Materials, 2017, 3, 1600335.	5.1	25
10	A soft X-ray spectroscopic perspective of electron localization and transport in tungsten doped bismuth vanadate single crystals. Physical Chemistry Chemical Physics, 2016, 18, 31958-31965.	2.8	16
11	Transport behavior and electronic structure of phase pure VO2 thin films grown on c-plane sapphire under different O2 partial pressure. Journal of Applied Physics, 2013, 114, .	2.5	38
12	Metal-insulator transition induced in CaVO3 thin films. Journal of Applied Physics, 2013, 113, .	2.5	31
13	Boron Subphthalocyanine Chloride as an Electron Acceptor for Highâ€Voltage Fullereneâ€Free Organic Photovoltaics. Advanced Functional Materials, 2012, 22, 561-566.	14.9	89
14	Elucidating the factors that determine the open circuit voltage in discrete heterojunction organic photovoltaic cells. Journal of Materials Chemistry, 2010, 20, 1173-1178.	6.7	25
15	Electronic structure of the organic semiconductor copper tetraphenylporphyrin (CuTPP). Applied Surface Science, 2009, 256, 720-725.	6.1	20
16	Soft X-ray spectroscopy study of electronic structure in the organic semiconductor titanyl phthalocyanine (TiO-Pc). Journal of Materials Chemistry, 2008, 18, 1792.	6.7	21
17	Observation of quantized subband states and evidence for surface electron accumulation in CdO from angle-resolved photoemission spectroscopy. Physical Review B, 2008, 78, .	3.2	75
18	Electronic structure of single-crystal rocksalt CdO studied by soft x-ray spectroscopies andab initiocalculations. Physical Review B, 2008, 77, .	3.2	35

#	Article	IF	Citations
19	Electronic structure of the organic semiconductor vanadyl phthalocyanine (VO-Pc). Journal of Materials Chemistry, 2007, 17, 1276.	6.7	38
20	Experimental and theoretical study of the electronic structures of Î±-PbO and Î²-PbO2. Journal of Materials Chemistry, 2007, 17, 267-277.	6.7	104
21	Photoemission study of sulfur and oxygen adsorption on GaN(). Surface Science, 2006, 600, 116-123.	1.9	12
22	Electronic structure in thin film organic semiconductors studied using soft X-ray emission and resonant inelastic X-ray scattering. Thin Solid Films, 2006, 515, 394-400.	1.8	4
23	Quantized Electron Accumulation States in Indium Nitride Studied by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2006, 97, 237601.	7.8	103
24	Electronic excitations in vanadium oxide phthalocyanine studied via resonant soft X-ray emission and resonant inelastic X-ray scattering. Chemical Physics Letters, 2005, 413, 95-99.	2.6	18
25	Experimental and theoretical study of the electronic structure of HgO andTl2O3. Physical Review B, 2005, 71, .	3.2	51
26	Surface electronic structure of the organic superconductor Îº-(ET)2Cu(NCS)2 studied via photoemission microscopy. Surface Science, 2004, 551, 219-227.	1.9	6
27	Electronic structure near the Fermi level of the organic semiconductor copper phthalocyanine. Chemical Physics Letters, 2004, 390, 203-207.	2.6	46
28	On the involvement of the shallow core 5d level in the bonding in HgO. Chemical Physics Letters, 2004, 399, 98-101.	2.6	26
29	Influence of shallow core-level hybridization on the electronic structure of post-transition-metal oxides studied using soft X-ray emission and absorption. Physical Review B, 2003, 68, .	3.2	115
30	Surface degradation of InxGa1â^'xN thin films by sputter-anneal processing: A scanning photoemission microscope study. Journal of Applied Physics, 2003, 94, 5820-5825.	2.5	4
31	Studies of the electronic structure in complex materials using synchrotron radiationâ€excited soft xâ€ray emission spectroscopy at the NSLS. Synchrotron Radiation News, 2002, 15, 11-15.	0.8	2
32	X-ray Spectroscopic Studies of the Bulk Electronic Structure of InGaN Alloys. Materials Research Society Symposia Proceedings, 2002, 743, L10.11.1.	0.1	0
33	Soft X-Ray Emission and Resonant Inelastic X-Ray Scattering Studies of Transition Metal Oxides.. Materials Research Society Symposia Proceedings, 2002, 755, 1.	0.1	2
34	Electronic structure in low dimensional and correlated transition metal oxides: high resolution photoemission and X-ray emission studies. Solid State Sciences, 2002, 4, 359-378.	3.2	10
35	Recent high resolution photoemission studies of electronic structure in quasi-one-dimensional conductors. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 517-526.	1.7	3
36	Surface electronic structure of p-type GaN(0001Ì„). Surface Science, 2000, 467, L827-L833.	1.9	23

#	Article	IF	Citations
37	Electronic Structure near the Fermi Surface in the Quasi-One-Dimensional ConductorLi0.9Mo6O17. Physical Review Letters, 1999, 83, 1235-1238.	7.8	38
38	Molecular components of the bulk electronic structure of organic conductors: a soft X-ray absorption and soft X-ray emission spectroscopy approach. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 539-544.	1.7	0
39	Density of states, hybridization, and band-gap evolution inAlxGa1âˆ’xNalloys. Physical Review B, 1998, 58, 1928-1933.	3.2	76
40	Soft x-ray emission studies of the bulk electronic structure of AlN, GaN, and Al[sub 0.5]Ga[sub 0.5]N. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 2250.	1.6	15
41	Surface and bulk electronic structure of thin-film wurtzite GaN. Physical Review B, 1997, 56, 10271-10275.	3.2	108
42	Photoemission Study of The Electronic Structure of Wurtzite Gan(0001) Surfaces. Materials Research Society Symposia Proceedings, 1997, 482, 802.	0.1	4
43	Electronic Structure of the Organic Metals Î²-Et2cu(SCN)2 and Î²-Et2cu[N(Cn)2]Br Measured by Soft X-Ray Emission and Soft X-Ray Absorption. Materials Research Society Symposia Proceedings, 1997, 488, 489.	0.1	0
44	Bulk and Surface Electronic Structure of GaN Measured Using Angle-Resolved Photoemission, Soft X-ray Emission and Soft X-ray Absorption. Materials Research Society Symposia Proceedings, 1996, 449, 787.	0.1	5
45	Dominant role of the surface in photoemission from quasi-one dimensional conductors: K0.3MoO3. Journal of Physics and Chemistry of Solids, 1996, 57, 1803-1809.	4.0	7
46	Electronic structure of surface defects in K0.3MoO3. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 2196-2200.	2.1	29
47	Defects in Quasi-One Dimensional Oxide Conductors: K0.3MoO3. Materials Research Society Symposia Proceedings, 1994, 375, 133.	0.1	0
48	Fermi surface of a quasi-one-dimensional oxide conductor. Physical Review Letters, 1993, 70, 3772-3775.	7.8	43
49	The electronic structure of solids studied using angle resolved photoemission spectroscopy. Progress in Solid State Chemistry, 1991, 21, 49-131.	7.2	44