

# Kevin E Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6738843/publications.pdf>

Version: 2024-02-01

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	Influence of shallow core-level hybridization on the electronic structure of post-transition-metal oxides studied using soft X-ray emission and absorption. <i>Physical Review B</i> , 2003, 68, .	3.2	115
2	Surface and bulk electronic structure of thin-film wurtzite GaN. <i>Physical Review B</i> , 1997, 56, 10271-10275.	3.2	108
3	Experimental and theoretical study of the electronic structures of $\hat{1}\pm$ -PbO and $\hat{1}^2$ -PbO <sub>2</sub> . <i>Journal of Materials Chemistry</i> , 2007, 17, 267-277.	6.7	104
4	Quantized Electron Accumulation States in Indium Nitride Studied by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2006, 97, 237601.	7.8	103
5	Boron Subphthalocyanine Chloride as an Electron Acceptor for High Voltage Fullerene-Free Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2012, 22, 561-566.	14.9	89
6	Density of states, hybridization, and band-gap evolution in $\text{Al}_x\text{Ga}_{1-x}$ alloys. <i>Physical Review B</i> , 1998, 58, 1928-1933.	3.2	76
7	Observation of quantized subband states and evidence for surface electron accumulation in CdO from angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2008, 78, .	3.2	75
8	Experimental and theoretical study of the electronic structure of HgO and $\text{Tl}_2\text{O}_3$ . <i>Physical Review B</i> , 2005, 71, .	3.2	51
9	Influence of Carrier Density and Energy Barrier Scattering on a High Seebeck Coefficient and Power Factor in Transparent Thermoelectric Copper Iodide. <i>ACS Applied Energy Materials</i> , 2020, 3, 10037-10044.	5.1	49
10	Electronic structure near the Fermi level of the organic semiconductor copper phthalocyanine. <i>Chemical Physics Letters</i> , 2004, 390, 203-207.	2.6	46
11	The electronic structure of solids studied using angle resolved photoemission spectroscopy. <i>Progress in Solid State Chemistry</i> , 1991, 21, 49-131.	7.2	44
12	Fermi surface of a quasi-one-dimensional oxide conductor. <i>Physical Review Letters</i> , 1993, 70, 3772-3775.	7.8	43
13	Electronic Structure near the Fermi Surface in the Quasi-One-Dimensional Conductor $\text{Li}_{0.9}\text{Mo}_6\text{O}_{17}$ . <i>Physical Review Letters</i> , 1999, 83, 1235-1238.	7.8	38
14	Electronic structure of the organic semiconductor vanadyl phthalocyanine (VO-Pc). <i>Journal of Materials Chemistry</i> , 2007, 17, 1276.	6.7	38
15	Transport behavior and electronic structure of phase pure VO <sub>2</sub> thin films grown on <i>c</i> -plane sapphire under different O <sub>2</sub> partial pressure. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	38
16	Electronic structure of single-crystal rocksalt CdO studied by soft x-ray spectroscopies and <i>ab initio</i> calculations. <i>Physical Review B</i> , 2008, 77, .	3.2	35
17	Metal-insulator transition induced in CaVO <sub>3</sub> thin films. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	31
18	Electronic structure of surface defects in $\text{K}_{0.3}\text{MoO}_3$ . <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1994, 12, 2196-2200.	2.1	29

#	ARTICLE	IF	CITATIONS
19	Role of phase separation in nanocomposite indium-tin-oxide films for transparent thermoelectric applications. <i>Journal of Materiomics</i> , 2021, 7, 612-620.	5.7	28
20	Water adsorption on vanadium oxide thin films in ambient relative humidity. <i>Journal of Chemical Physics</i> , 2020, 152, 044715.	3.0	27
21	On the involvement of the shallow core 5d level in the bonding in HgO. <i>Chemical Physics Letters</i> , 2004, 399, 98-101.	2.6	26
22	Elucidating the factors that determine the open circuit voltage in discrete heterojunction organic photovoltaic cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 1173-1178.	6.7	25
23	Large Area 2D/3D MoS <sub>2</sub> /MoO <sub>2</sub> Heterostructures with Thermally Stable Exciton and Intriguing Electrical Transport Behaviors. <i>Advanced Electronic Materials</i> , 2017, 3, 1600335.	5.1	25
24	Surface electronic structure of p-type GaN(0001̄). <i>Surface Science</i> , 2000, 467, L827-L833.	1.9	23
25	Soft X-ray spectroscopy study of electronic structure in the organic semiconductor titanyl phthalocyanine (TiO-Pc). <i>Journal of Materials Chemistry</i> , 2008, 18, 1792.	6.7	21
26	Electronic structure of the organic semiconductor copper tetraphenylporphyrin (CuTPP). <i>Applied Surface Science</i> , 2009, 256, 720-725.	6.1	20
27	Electronic excitations in vanadium oxide phthalocyanine studied via resonant soft X-ray emission and resonant inelastic X-ray scattering. <i>Chemical Physics Letters</i> , 2005, 413, 95-99.	2.6	18
28	The Itinerant 2D Electron Gas of the Indium Oxide (111) Surface: Implications for Carbon and Energy Conversion Applications. <i>Small</i> , 2020, 16, e1903321.	10.0	17
29	A soft X-ray spectroscopic perspective of electron localization and transport in tungsten doped bismuth vanadate single crystals. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31958-31965.	2.8	16
30	Soft x-ray emission studies of the bulk electronic structure of AlN, GaN, and Al <sub>0.5</sub> Ga <sub>0.5</sub> N. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1998, 16, 2250.	1.6	15
31	Photoemission study of sulfur and oxygen adsorption on GaN(). <i>Surface Science</i> , 2006, 600, 116-123.	1.9	12
32	Electronic structure in low dimensional and correlated transition metal oxides: high resolution photoemission and X-ray emission studies. <i>Solid State Sciences</i> , 2002, 4, 359-378.	3.2	10
33	Momentum for Catalysis: How Surface Reactions Shape the RuO <sub>2</sub> Flat Surface State. <i>ACS Catalysis</i> , 2021, 11, 1749-1757.	11.2	8
34	Dominant role of the surface in photoemission from quasi-one dimensional conductors: K <sub>0.3</sub> MoO <sub>3</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 1996, 57, 1803-1809.	4.0	7
35	Surface electronic structure of the organic superconductor $\hat{\Gamma}^2$ -(ET) <sub>2</sub> Cu(NCS) <sub>2</sub> studied via photoemission microscopy. <i>Surface Science</i> , 2004, 551, 219-227.	1.9	6
36	Bulk and Surface Electronic Structure of GaN Measured Using Angle-Resolved Photoemission, Soft X-ray Emission and Soft X-ray Absorption. <i>Materials Research Society Symposia Proceedings</i> , 1996, 449, 787.	0.1	5

#	ARTICLE	IF	CITATIONS
37	Photoemission Study of The Electronic Structure of Wurtzite GaN(0001) Surfaces. Materials Research Society Symposia Proceedings, 1997, 482, 802.	0.1	4
38	Surface degradation of In <sub>x</sub> Ga <sub>1-x</sub> N thin films by sputter-anneal processing: A scanning photoemission microscope study. Journal of Applied Physics, 2003, 94, 5820-5825.	2.5	4
39	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
40	Ironsand (Titanomagnetite-Titanohematite): Chemistry, Magnetic Properties and Direct Applications for Wireless Power Transfer. Materials, 2021, 14, 5455.	2.9	4
41	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
42	Studies of the electronic structure in complex materials using synchrotron radiation-excited soft x-ray emission spectroscopy at the NSLS. Synchrotron Radiation News, 2002, 15, 11-15.	0.8	2
43	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
44	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
45	Defects in Quasi-One Dimensional Oxide Conductors: K <sub>0.3</sub> MoO <sub>3</sub> . Materials Research Society Symposia Proceedings, 1994, 375, 133.	0.1	0
46	Electronic Structure of the Organic Metals $\hat{\nu}$ -Et <sub>2</sub> cu(SCN) <sub>2</sub> and $\hat{\nu}$ -Et <sub>2</sub> cu[N(Cn) <sub>2</sub> ]Br Measured by Soft X-Ray Emission and Soft X-Ray Absorption. Materials Research Society Symposia Proceedings, 1997, 488, 489.	0.1	0
47	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
48	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
49	Effect of lattice mismatch on film morphology of the quasi-one dimensional conductor K <sub>0.3</sub> MoO <sub>3</sub> . RSC Advances, 2022, 12, 4521-4525.	3.6	0