Chinglin Chang

List of Publications by Year
in descending order

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56	1,603	331670	289244
papers	citations	21 h-index	40 g-index

57	57	57	2586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Self-Templated Route to Hollow Silica Microspheres. Journal of Physical Chemistry C, 2009, 113, 3168-3175.	3.1	243
2	Electronic structure of nanostructured ZnO from x-ray absorption and emission spectroscopy and the local density approximation. Physical Review B, 2004, 70, .	3.2	180
3	High-temperature superconductivity in the presence ofOÂ2pâ”CuÂ3dholes: A spectroscopic study. Physical Review B, 1987, 36, 3895-3898.	3.2	113
4	Electronic Structure of Cobalt Nanocrystals Suspended in Liquid. Nano Letters, 2007, 7, 1919-1922.	9.1	83
5	Electronic structure of multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BiFeO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> resonant soft x-ray emission spectroscopy. Physical Review B, 2008, 78, .	3.2	82
6	Electronic structure of phospho-olivines LixFePO4 (x=0,1) from soft-x-ray-absorption and -emission spectroscopies. Journal of Chemical Physics, 2005, 123, 184717.	3.0	79
7	Electron Enrichment in 3d Transition Metal Oxide Hetero-Nanostructures. Nano Letters, 2011, 11, 3855-3861.	9.1	74
8	Sizeâ€Controlled Exâ€nihilo Ferromagnetism in Capped CdSe Quantum Dots. Advanced Materials, 2008, 20, 1656-1660.	21.0	57
9	Effects of Ru substitution for Mn on La0.7Sr0.3MnO3 perovskites. Journal of Applied Physics, 2007, 102, 023915.	2.5	51
10	Size-Induced Transition from Magnetic Ordering to Kondo Behavior in (Ce,Al) Compounds. Physical Review Letters, 2000, 84, 4990-4993.	7.8	40
11	Effect of Mn Substitution for Multiferroic BiFeO₃ Probed by High-Resolution Soft-X-ray Spectroscopy. Japanese Journal of Applied Physics, 2008, 47, 7570.	1.5	38
12	Electron delocalization in cyanide-bridged coordination polymer electrodes for Li-ion batteries studied by soft x-ray absorption spectroscopy. Physical Review B, 2011, 84, .	3.2	38
13	X-ray absorption and emission spectroscopy of ZnO nanoparticle and highly oriented ZnO microrod arrays. Microelectronics Journal, 2006, 37, 686-689.	2.0	34
14	Electronic structure study of ordering and interfacial interaction in graphene/Cu composites. Carbon, 2012, 50, 5316-5322.	10.3	32
15	Insufficiency of O and Cu holes for oxide superconductivity: X-ray absorption spectroscopy. Physical Review B, 1988, 38, 6588-6595.	3.2	31
16	X-ray spectroscopic study of the charge state and local ordering of room-temperature ferromagnetic Mn-doped ZnO. Journal of Physics Condensed Matter, 2007, 19, 172202.	1.8	31
17	Effect of Mn doping on the physical properties of misfit-layered Ca₃Co₄O_{9+Î´}. Journal Physics D: Applied Physics, 2009, 42, 135418.	2.8	31
18	Characterization of gasochromic vanadium oxides films by X-ray absorption spectroscopy. Thin Solid Films, 2013, 544, 461-465.	1.8	25

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19	X-Ray spectra and electronic correlations of FeSe1â€“xTex. Physical Chemistry Chemical Physics, 2011, 13, 15666.	2.8	24
20	Room Temperature Ferromagnetism and Fast Ultraviolet Photoresponse of Inkjet-Printed Mn-Doped ZnO Thin Films. IEEE Transactions on Magnetics, 2010, 46, 2152-2155.	2.1	23
21	X-ray spectroscopy ofEuBa2(Cu1â^'yZny)3O7â^'x: Suppression of superconductivity. Physical Review B, 1988, 38, 2930-2933.	3.2	22
22	Mott-Kondo insulator behavior in the iron oxychalcogenides. Physical Review B, 2015, 92, .	3.2	21
23	Low thermal conductivity and enhanced thermoelectric performance of nanostructured Al-doped ZnTe. Ceramics International, 2016, 42, 1070-1076.	4.8	20
24	X-ray absorption spectroscopy investigation of the electronic structure of superconducting FeSe _x single crystals. Europhysics Letters, 2011, 93, 47003.	2.0	19
25	Role of 3d electrons in the rapid suppression of superconductivity in the dilute V doped spinel superconductor LiTi₂O₄. Superconductor Science and Technology, 2011, 24, 115007.	3.5	18
26	Electronic structure study of Li+/OHâ^' modified single-walled carbon nanotubes by soft-x-ray absorption and resonant emission spectroscopy. Applied Physics Letters, 2010, 96, 213112.	3.3	17
27	Effect of surface treatments on the electronic properties of ultra-nanocrystalline diamond films. Diamond and Related Materials, 2008, 17, 1150-1153.	3.9	15
28	Comparison of electronic structures of orthorhombic and hexagonal manganites studied by X-ray absorption spectroscopy. Solid State Communications, 2005, 134, 821-826.	1.9	14
29	Effect of Sm valence changes on photoemission spectra. Physical Review B, 1988, 37, 6605-6610.	3.2	13
30	Understanding the scattering mechanism of single-walled carbon nanotube based gas sensors. Carbon, 2010, 48, 1970-1976.	10.3	13
31	Probing quantum confinement of single-walled carbon nanotubes by resonant soft-x-ray emission spectroscopy. Applied Physics Letters, 2008, 93, .	3.3	12
32	Disorder-induced Room Temperature Ferromagnetism in Glassy Chromites. Scientific Reports, 2015, 4, 4686.	3.3	12
33	Size dependence of the electronic structure of copper nanoclusters in SiC matrix. Chemical Physics Letters, 2006, 422, 543-546.	2.6	11
34	Comparison of the electronic structures of AlN nanotips grown on p- and n-type Si substrates. Journal of Physics Condensed Matter, 2005, 17, 7523-7530.	1.8	10
35	Interfacial interaction of gas molecules and single-walled carbon nanotubes. Applied Physics Letters, 2012, 100, .	3.3	10
36	Investigation of the valence states of Fe and Co in Fe1â^'xCoxOy(0<x<1) thin films by x-ray absorption spectroscopy. Journal of Physics Condensed Matter, 2008, 20, 255236.	1.8	8

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37	Developing soft X-ray spectroscopy for in situ characterization of nanocatalysts in catalytic reactions. Journal of Electron Spectroscopy and Related Phenomena, 2014, 197, 118-123.	1.7	8
38	X-ray absorption spectroscopy of Mg doped Fe3O4 thin films. Journal of Alloys and Compounds, 2007, 442, 259-261.	5.5	7
39	Fe₃O₄/MgO Superlattices Grown on MgO(OOl) and Fe/MgO(001) by Molecular Beam Epitaxy. Materials Research Society Symposia Proceedings, 1997, 474, 271.	0.1	5
40	X-ray absorption studies of RRhAl (R=La and Ce) compounds. Physica B: Condensed Matter, 2003, 325, 235-239.	2.7	5
41	Structure and electronic states of single-crystal Fe1â^'xNixOy (0â©½xâ©½1) thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 1630-1634.	2.1	4
42	Variation of electronic structures of CeAl2 thin films with thickness studied by X-ray absorption near-edge structure spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 1-5.	1.7	4
43	Electronic structure and surface structure of Cu2S nanorods from polarization dependent X-ray absorption spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 151, 64-70.	1.7	4
44	Electronic and magnetic properties of CeAl2 nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 304, e22-e24.	2.3	3
45	Magnetic and electronic properties of CeCo₂ studied by synchrotron radiation. Physica Status Solidi (B): Basic Research, 2007, 244, 4526-4529.	1.5	3
46	Thickness-Dependent Electronic Structure of Intermetallic CeCo2 Nanothin Films Studied by X-ray Absorption Spectroscopy. Langmuir, 2009, 25, 7568-7572.	3.5	3
47	Electronic Structure Study of Nanostructured Transition Metal Oxides Using Soft X-Ray Spectroscopy. , 0, , 123-142.		3
48	X-ray absorption spectroscopy studies of Ca2.9Ln0.1Co4O9+Î´ (Ln=Ca, Dy, Ho, Er and Lu). Journal of Alloys and Compounds, 2012, 529, 8-11.	5.5	3
49	Electronic Structure of PrFeAsO_{1â^'Î´}: An Investigation Using X-ray Absorption and Emission Spectroscopy. Journal of Physics: Conference Series, 2011, 273, 012092.	0.4	2
50	Correlation between electronic states of O, Cu, and Ba in several highâ€Tcsuperconductors. Journal of Applied Physics, 1988, 63, 4193-4195.	2.5	1
51	Electron spectroscopy of high-temperature superconductors. AIP Conference Proceedings, 1988, , .	0.4	1
52	Electronic Structures of Hexagonal Manganites HoMnO3 Studied by X-ray Absorption Near-edge Structure. AIP Conference Proceedings, 2007, , .	0.4	1
53	Low energy electronic spectroscopy of an infinite-layer cuprate: A resonant inelastic X-ray scattering study of CaCuO2. Physica C: Superconductivity and Its Applications, 2010, 470, 187-192.	1.2	1
54	In-situ/operando soft x-ray spectroscopy characterization of interfacial phenomena in energy materials and devices. , 2015, , .		1

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55	Electronic structure of CeAl2 thin films studied by X-ray absorption spectroscopy. Applied Surface Science, 2006, 252, 5372-5375.	6.1	0
56	Electronic structure of CeCo2 thin films studied by X-ray absorption spectroscopy. Physica B: Condensed Matter, 2008, 403, 854-855.	2.7	0