

# W F Pong

## List of Publications by Year in descending order

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73  
papers

1,889  
citations

201575

27  
h-index

276775

41  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2963  
citing authors



#	ARTICLE	IF	CITATIONS
19	Correlation between electrochromism and electronic structures of tungsten oxide films. RSC Advances, 2014, 4, 5036.	1.7	31
20	Graphene Supported Graphene/Graphene Bilayer Nanostructure Material for Spintronics. Scientific Reports, 2014, 4, 3862.	1.6	55
21	The Effect of Thermal Reduction on the Photoluminescence and Electronic Structures of Graphene Oxides. Scientific Reports, 2014, 4, 4525.	1.6	106
22	Atomic-scale observation of a graded polar discontinuity and a localized two-dimensional electron density at an insulating oxide interface. Physical Review B, 2013, 87, .	1.1	16
23	Effect of geometry on the magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> /PbTiO <sub>3</sub> multiferroic composites. RSC Advances, 2013, 3, 7884.	1.7	53
24	Coexistence of intrinsic and extrinsic origins of room temperature ferromagnetism in as implanted and thermally annealed ZnO films probed by x-ray absorption spectroscopy. Journal of Applied Physics, 2013, 113, .	1.1	30
25	Relationship between type conductivity and electronic structure of Cr-deficient CuCr <sub>2</sub> O <sub>4</sub> . Journal of Applied Physics, 2013, 113, .	1.1	9
26	Nitrogen-Functionalized Graphene Nanoflakes (GNFs:N): Tunable Photoluminescence and Electronic Structures. Journal of Physical Chemistry C, 2012, 116, 16251-16258.	1.5	51
27	Nano-scale chemical imaging of a single sheet of reduced graphene oxide. Journal of Materials Chemistry, 2011, 21, 14622.	6.7	64
28	Correlation between Electronic Structures and Photocatalytic Activities of Nanocrystalline-(Au, Ag) Nanoparticles. Journal of Applied Physics, 2011, 110, 044301.	1.5	74
29	Local atomic and electronic structures and ferroelectric properties of PbZr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> : An x-ray absorption study. Applied Physics Letters, 2011, 99, 042909.	1.5	10
30	Photoconduction and the electronic structure of silica nanowires embedded with gold nanoparticles. Physical Review B, 2011, 84, .	1.1	13
31	Determination of the microstructure of Eu-treated ZnO nanowires by x-ray absorption. Applied Physics Letters, 2010, 96, 062112.	1.5	11
32	Change of Structural Behaviors of Organo-Silane Exposed Graphene Nanoflakes. Journal of Physical Chemistry C, 2010, 114, 8161-8166.	1.5	14
33	Effect of Co, Ni, and Cu substitution on the electronic structure of hexagonal YMnO <sub>3</sub> studied by x-ray absorption spectroscopy. Applied Physics Letters, 2009, 95, .	1.5	39
34	Electronic Structure of EuMo <sub>6</sub> Se <sub>8</sub> Studied by X-Ray Absorption Spectroscopy. Journal of Cluster Science, 2009, 20, 205-211.	1.7	1
35	Mg-induced increase of band gap in Zn <sub>1-x</sub> Mg <sub>x</sub> O nanorods revealed by x-ray absorption and emission spectroscopy. Journal of Applied Physics, 2008, 104, 013709.	1.1	25
36	Correlation between magnetic properties and the electronic structures of soft magnetic ternary Fe <sub>78-x</sub> Y <sub>x</sub> B <sub>22</sub> (x= 4-9) bulk metallic glasses. Journal of Physics Condensed Matter, 2008, 20, 465105.	0.7	7

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37	Field emission enhancement in nitrogen-ion-implanted ultrananocrystalline diamond films. Journal of Applied Physics, 2008, 103, .	1.1	46
38	Field emission effects of nitrogenated carbon nanotubes on chlorination and oxidation. Journal of Applied Physics, 2008, 104, 063710.	1.1	18
39	STRUCTURAL AND MAGNETIC PROPERTIES OF $R_{0.5}A_{0.5}NiO_3$ PEROVSKITES ( $R = Gd, Yb$ AND $A = Ce, Th$ ). International Journal of Modern Physics B, 2007, 21, 3443-3447.	1.0	0
40	Electronic Structures of Hexagonal Manganites $HoMnO_3$ Studied by X-ray Absorption Near-edge Structure. AIP Conference Proceedings, 2007, , .	0.3	1
41	Charge transfer in nanocrystalline-Au $\cdot$ ZnO nanorods investigated by x-ray spectroscopy and scanning photoelectron microscopy. Applied Physics Letters, 2007, 90, 192112.	1.5	29
42	Size dependence of the electronic structures and electron-phonon coupling in ZnO quantum dots. Applied Physics Letters, 2007, 91, .	1.5	16
43	Role of valence-band Co 3d states on ferromagnetism in $Zn_{1-x}Co_xO$ nanorods. Applied Physics Letters, 2007, 90, 062103.	1.5	15
44	A comparative study of the electronic structures of oxygen- and chlorine-treated nitrogenated carbon nanotubes by x-ray absorption and scanning photoelectron microscopy. Applied Physics Letters, 2007, 91, 202102.	1.5	16
45	Comparison of electronic structures of $RuO_2$ and $IrO_2$ nanorods investigated by x-ray absorption and scanning photoelectron microscopy. Applied Physics Letters, 2007, 90, 042108.	1.5	13
46	Electronic structures and bonding properties of chlorine-treated nitrogenated carbon nanotubes: X-ray absorption and scanning photoelectron microscopy studies. Applied Physics Letters, 2007, 90, 192107.	1.5	27
47	Effect of Oxygen Concentration on Superconducting Properties of Rubidium Tungsten Bronzes $Rb_xWO_y$ . Journal of Superconductivity and Novel Magnetism, 2007, 20, 249-253.	0.8	4
48	The Electronic Properties of Nanomaterials Elucidated by Synchrotron Radiation $\cdot$ Based Spectroscopy. Critical Reviews in Solid State and Materials Sciences, 2006, 31, 91-110.	6.8	27
49	Comparison of the electronic structures of $Zn_{1-x}Co_xO$ and $Zn_{1-x}Mg_xO$ nanorods using x-ray absorption and scanning photoelectron microscopies. Applied Physics Letters, 2006, 89, 043121.	1.5	35
50	Electron- and Hole-Doping Effects in Manganites Studied by X-Ray Absorption Spectroscopy. Hyperfine Interactions, 2005, 160, 181-187.	0.2	1
51	X-ray absorption spectroscopic study on Ti/n-GaN. Physica Status Solidi A, 2005, 202, R161-R163.	1.7	1
52	STRUCTURE AND PROPERTIES OF $(La_{2-x}Sr_x)MnO_4$ COMPOUNDS. International Journal of Modern Physics B, 2005, 19, 541-548.	1.0	1
53	Structural, electrical transport and x-ray absorption spectroscopy studies of $LaFe_{1-x}Ni_xO_3$ ( $x \approx 0.6$ ). Journal of Applied Physics, 2005, 97, 093526.	1.1	49
54	Electronic structure of ZnO nanorods studied by angle-dependent x-ray absorption spectroscopy and scanning photoelectron microscopy. Applied Physics Letters, 2004, 84, 3462-3464.	1.5	105

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55	X-ray absorption spectroscopy (XAS) study of dip deposited a-C:H(OH) thin films. Journal of Physics Condensed Matter, 2004, 16, 5713-5719.	0.7	39
56	Deposition and Characterization of Diamond-Like Carbon Thin Films by Electro-Deposition Technique Using Organic Liquid. Journal of Materials Research, 2004, 19, 1126-1132.	1.2	22
57	Diameter dependence of the electronic structure of ZnO nanorods determined by x-ray absorption spectroscopy and scanning photoelectron microscopy. Applied Physics Letters, 2004, 85, 3220-3222.	1.5	98
58	Electronic structure of GaN nanowire studied by x-ray-absorption spectroscopy and scanning photoelectron microscopy. Applied Physics Letters, 2003, 82, 3949-3951.	1.5	39
59	EFFECT OF THE ANNEALING TEMPERATURE ON THE ELECTRONIC AND ATOMIC STRUCTURES OF EXCHANGE-BIASED NiFe $\epsilon$ FeMn BILAYERS. Surface Review and Letters, 2002, 09, 293-298.	0.5	3
60	ELECTRONIC STRUCTURES OF La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> AND La <sub>0.7</sub> Ce <sub>0.3</sub> MnO <sub>3</sub> BY X-RAY ABSORPTION SPECTROSCOPY. Surface Review and Letters, 2002, 09, 1053-1057.	0.5	14
61	Electronic structure of the carbon nanotube tips studied by x-ray-absorption spectroscopy and scanning photoelectron microscopy. Applied Physics Letters, 2002, 81, 4189-4191.	1.5	54
62	Angle-dependent x-ray absorption spectroscopy study of Zn-doped GaN. Applied Physics Letters, 2002, 81, 3389-3391.	1.5	31
63	Electronic structure of BaTiO <sub>3</sub> by X-ray absorption spectroscopy. AIP Conference Proceedings, 2001, , .	0.3	0
64	X-ray absorption studies of carbon-related materials. Journal of Synchrotron Radiation, 2001, 8, 145-149.	1.0	12
65	Electronic structure of the Fe-layer-catalyzed carbon nanotubes studied by x-ray-absorption spectroscopy. Applied Physics Letters, 2001, 79, 3179-3181.	1.5	28
66	Pong, Tsai, and Chang Reply:. Physical Review Letters, 2000, 84, 5680-5680.	2.9	3
67	Structural characterization of the Co/Cr multilayers by x-ray-absorption spectroscopy. Physical Review B, 2000, 62, 9616-9620.	1.1	11
68	Charge transfer and hybridization effects in Ni <sub>3</sub> Al and Ni <sub>3</sub> Ga studies by x-ray-absorption spectroscopy and theoretical calculations. Journal of Applied Physics, 2000, 87, 1312-1317.	1.1	35
69	Electronic structure of the Fe $\epsilon$ Cu $\epsilon$ Nb $\epsilon$ Si $\epsilon$ B alloys by x-ray absorption spectroscopy. Applied Physics Letters, 2000, 77, 115-117.	1.5	9
70	Quantum Confinement Effect in Diamond Nanocrystals Studied by X-Ray-Absorption Spectroscopy. Physical Review Letters, 1999, 82, 5377-5380.	2.9	118
71	Electronic structure of Ni-Cu alloys: $\epsilon$ The-d-electron charge distribution. Physical Review B, 1998, 57, 15204-15210.	1.1	69
72	Electronic and atomic structures of the Si-C-N thin film by x-ray-absorption spectroscopy and theoretical calculations. Physical Review B, 1998, 58, 9018-9024.	1.1	34

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73	A low-cost and flexible double-crystal monochromator for an x-ray beamline. Review of Scientific Instruments, 1998, 69, 1230-1235.	0.6	5