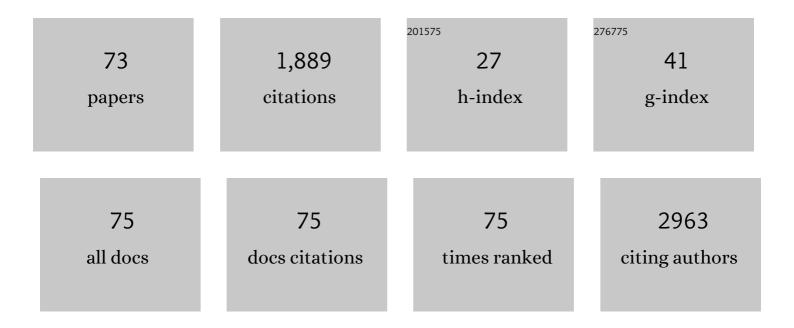


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12161292/publications.pdf Version: 2024-02-01



W F PONC

#	Article	IF	CITATIONS
1	Possible Ferro-electro-magnetic performance of " <i>reduced graphene oxide</i> ―deposited on " <i>ZnO-nanorod</i> ( <i>NR</i> ) <i>decorated with nanocrystalline</i> ( <i>nc</i> ) <i>Au particles</i> ― AIP Advances, 2022, 12, .	0.6	2
2	Temperature-Dependent Electronic Structure of TiO <sub>2</sub> Thin Film Deposited by the Radio Frequency Reactive Magnetron Sputtering Technique: X ray Absorption Near-Edge Structure and X ray Photoelectron Spectroscopy. Journal of Physical Chemistry C, 2022, 126, 8947-8952.	1.5	6
3	Effects of electronic structure and magnetic performance at the surface/interface of r-GO and TiO <sub>2</sub> in r-GO/TiO <sub>2</sub> composite thin films: X-ray absorption near-edge structure and x-ray photoelectron spectroscopy. AIP Advances, 2022, 12, 075101.	0.6	3
4	Polyacrylate grafted graphene oxide nanocomposites for biomedical applications. Journal of Applied Physics, 2020, 127, .	1.1	16
5	Tuning of electronic and magnetic properties of multifunctional r-GO-ATA-Fe2O3-composites for magnetic resonance imaging (MRI) contrast agent. Journal of Applied Physics, 2019, 126, .	1.1	21
6	Evolution of superconductivity in K <sub>2â^'x</sub> Fe <sub>4+y</sub> Se <sub>5</sub> : Spectroscopic studies of X-ray absorption and emission. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22458-22463.	3.3	3
7	Fabrication and 3D Patterning of Bioâ€Composite Consisting of Carboxymethylated Cellulose Nanofibers and Cobalt Ferrite Nanoparticles. ChemistrySelect, 2019, 4, 4416-4421.	0.7	4
8	Strain effect on orbital and magnetic structures of Mn ions in epitaxial Nd0.35Sr0.65MnO3/SrTiO3 films using X-ray diffraction and absorption. Scientific Reports, 2019, 9, 5160.	1.6	2
9	The effect of orbital-lattice coupling on the electrical resistivity of YBaCuFeO5 investigated by X-ray absorption. Scientific Reports, 2019, 9, 18586.	1.6	1
10	Tuning of the electronic structure and magnetic properties of xenon ion implanted zinc oxide. Journal Physics D: Applied Physics, 2018, 51, 095304.	1.3	11
11	Defect induced room temperature ferromagnetism in single crystal, poly-crystal, and nanorod ZnO: A comparative study. Journal of Applied Physics, 2018, 123, .	1.1	32
12	Anisotropy in the magnetic interaction and lattice-orbital coupling of single crystal Ni3TeO6. Scientific Reports, 2018, 8, 15779.	1.6	6
13	Origin of magnetic properties in carbon implanted ZnO nanowires. Scientific Reports, 2018, 8, 7758. Correlations and dynamics of spins in an XY-like spin-glass <mml:math< td=""><td>1.6</td><td>40</td></mml:math<>	1.6	40
14	xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:mrow> <mml:mo> (</mml:mo> <mm< td=""><td>ll:mi) Tj ETQ 1.1</td><td>q0 0 0 rgBT /C 6</td></mm<></mml:mrow></mml:mrow>	ll:mi) Tj ETQ 1.1	q0 0 0 rgBT /C 6
15	Anisotropy in the thermal hysteresis of resistivity and charge density wave nature of single crystal SrFeO3-I': X-ray absorption and photoemission studies. Scientific Reports, 2017, 7, 161.	1.6	16
16	Understanding of sub-band gap absorption of femtosecond-laser sulfur hyperdoped silicon using synchrotron-based techniques. Scientific Reports, 2015, 5, 11466.	1.6	34
17	Visualizing chemical states and defects induced magnetism of graphene oxide by spatially-resolved-X-ray microscopy and spectroscopy. Scientific Reports, 2015, 5, 15439.	1.6	31
18	Effect of defects and film thickness on the optical properties of ZnO–Au hybrid films. RSC Advances, 2015, 5, 40813-40819.	1.7	16

W F Pong

#	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 Graphone/Graphane 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 CoFe2O4–PbTiO3 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, between amil:math xmins:mml="http://www.w3.org/1998/Math/MathML"	1.1	30
25	display="inline"> <mml:mi>p</mml:mi> -type conductivity and electronic structure of Cr-deficient CuCr <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"&gt;<mml:msub><mml:mrow /&gt;<mml:mrow><mml:mn>1 a^^ a^^ <mml:mi>x</mml:mi>x</mml:mn></mml:mrow><td><b>1.1</b> &gt; <td>9 ath&gt;O<mml:< td=""></mml:<></td></td></mml:mrow </mml:msub></mml:math>	<b>1.1</b> > <td>9 ath&gt;O<mml:< td=""></mml:<></td>	9 ath>O <mml:< td=""></mml:<>
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,) Tj ETQq0 0 0	rgBT /Ove	erlock 10 Tf 5 74
29	Local atomic and electronic structures and ferroelectric properties of PbZr0.52Ti0.48O3: 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 YMnO3 studied by x-ray absorption spectroscopy. Applied Physics Letters, 2009, 95, .	1.5	39
34	Electronic Structure of EuMo6Se8 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 Zn1â <sup>~</sup> 'xMgxO 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 Fe78â~'xYxB22(x= 4–9) bulk metallic glasses. Journal of Physics Condensed Matter, 2008, 20, 465105.	0.7	7

W F Pong

#	Article	IF	CITATIONS
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 ( <font>R</font> <sub>0.5</sub> <font>A</font> 0.5) <font>NIO</font> <sub>3</sub> PEROVSKITES ( <font>R = GD</font> , YB AND <font>A = CE</font> , TH). International Journal of Modern Physics B, 2007. 21. 3443-3447.	1.0	0
40	Electronic Structures of Hexagonal Manganites HoMnO3 Studied by X-ray Absorption Near-edge Structure. AIP Conference Proceedings, 2007, , .	0.3	1
41	Charge transfer in nanocrystalline-Auâ^•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 Zn1â^xCoxO 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 RuO2 and IrO2 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 x WO y. Journal of Superconductivity and Novel Magnetism, 2007, 20, 249-253.	0.8	4
48	The Electronic Properties of Nanomaterials Elucidated by Synchrotron Radiation–Based Spectroscopy. Critical Reviews in Solid State and Materials Sciences, 2006, 31, 91-110.	6.8	27
49	Comparison of the electronic structures of Zn1â <sup>~</sup> xCoxO and Zn1â <sup>~</sup> xMgxO 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 (La2-xSrx)MnO4 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 LaFe1â^'xNixO3 (x⩽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

W F Pong

#	Article	IF	CITATIONS
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–FeMn BILAYERS. Surface Review and Letters, 2002, 09, 293-298.	0.5	3
60	ELECTRONIC STRUCTURES OF La0.7Ca0.3MnO3 AND La0.7Ce0.3MnO3 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] 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 Ni3Al and Ni3Ga 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–Cu–Nb–Si–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: Thed-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

#	Article	IF	CITATIONS
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