

# High-Resolution X-Ray Photoemission Spectrum of the

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Angular Anisotropies in the Photoemission from Polycrystalline Gold. Physical Review Letters, 1972, 29, 1518-1521.	2.9	40
2	High-resolution XPS spectra of Ir, Pt and Au valence bands. Physics Letters, Section A: General, Atomic and Solid State Physics, 1972, 41, 455-456.	0.9	36
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159	Background intensity determination in AES/XPS. <i>Surface Science</i> , 1988, 193, 549-568.	0.8	57
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161	Identification of a superoxide in superconducting La <sub>2</sub> CuO <sub>4</sub> + $\delta$ by x-ray photoelectron spectroscopy. <i>Physical Review B</i> , 1988, 38, 5021-5024.	1.1	64
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1095	Microstructure, mechanical properties, and wetting behavior of Siâ€“Câ€“N thin films grown by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2001, 141, 145-155.	2.2	97
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2391	Support-Induced Effects of LaFeO <sub>3</sub> Perovskite on the Catalytic Performances of Supported Pt Catalysts in DeNO <sub>x</sub> Applications. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1911-1921.	1.5	37
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2397	Effect of O <sub>2</sub> <sup>+</sup> , H <sub>2</sub> <sup>++</sup> and N <sub>2</sub> <sup>++</sup> ion-beam irradiation on the field emission properties of carbon nanotubes. <i>Journal of Applied Physics</i> , 2011, 109, 114317.	1.1	6
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2402	Catalytic Roles of Co <sup>0</sup> and Co <sup>2+</sup> during Steam Reforming of Ethanol on Co/MgO Catalysts. <i>ACS Catalysis</i> , 2011, 1, 279-286.	5.5	98
2403	Application of differential charging in XPS for structural study of Langmuir-Blodgett films. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 435005.	0.7	5
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2407	Hydrogen Spillover in Pt-Single-Walled Carbon Nanotube Composites: Formation of Stable C-H Bonds. <i>Journal of the American Chemical Society</i> , 2011, 133, 5580-5586.	6.6	93

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2410	Photoelectrochemical Oxidation of Water Using Nanostructured BiVO <sub>4</sub> Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3794-3802.	1.5	230
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2416	Direct Synthesis of Lithium-Intercalated Graphene for Electrochemical Energy Storage Application. <i>ACS Nano</i> , 2011, 5, 4345-4349.	7.3	120
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2418	Characterization of passive film on 2205 duplex stainless steel in sodium thiosulphate solution. <i>Applied Surface Science</i> , 2011, 258, 631-639.	3.1	210
2419	Evolution of steel surface composition with heating in vacuum and in air. <i>Applied Surface Science</i> , 2011, 257, 10005-10017.	3.1	9
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2442	Effects of pH, Potential, and Deposition Time on the Durability of Collagen Electrodeposited to Titanium. <i>Materials Transactions</i> , 2011, 52, 81-89.	0.4	10
2443	Visualization of Latent Fingermark Corrosion of Brass, Climatic Influence in a Comparison Between the U.K. and Iraq. <i>Journal of Forensic Sciences</i> , 2011, 56, 506-509.	0.9	8



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2445	From local structure to nanosecond recrystallization dynamics in AgInSbTe phase-change materials. <i>Nature Materials</i> , 2011, 10, 129-134.	13.3	238
2446	Resonant emission of UO <sub>2</sub> , U <sub>3</sub> O <sub>8</sub> , and UO <sub>2+x</sub> valence electrons under SR excitation near the O <sub>4,5</sub> (U) absorption edge. <i>Journal of Structural Chemistry</i> , 2011, 52, 295-303.	0.3	4
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2461	The reduction of Ag <sup>+</sup> in metallic silver on pseudomelanin films allows for antibacterial activity but does not imply unpaired electrons. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 359-365.	5.0	73

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2463	Quasi in situ XPS study of electrochemical oxidation and reduction of highly oriented pyrolytic graphite in [1-ethyl-3-methylimidazolium][BF <sub>4</sub> ] electrolytes. <i>Electrochimica Acta</i> , 2011, 56, 10321-10331.	2.6	31
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2500	Photocatalytic efficiency and self-cleaning properties under visible light of cotton fabrics coated with sensitized TiO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2011, 104, 361-372.	10.8	48
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2507	Understanding interface properties from high kinetic energy photoelectron spectroscopy and first principles theory. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011, 183, 80-93.	0.8	16
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2522	The role of mineral surface chemistry in modified dextrin adsorption. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 510-520.	5.0	14
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4175	Ionic and electronic transport in calcium-substituted LaAlO <sub>3</sub> perovskites prepared via mechanochemical route. <i>Journal of the European Ceramic Society</i> , 2019, 39, 5298-5308.	2.8	17
4176	Clean interface without any intermixed state between ultra-thin P3 polymer and CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> hybrid perovskite thin film. <i>Scientific Reports</i> , 2019, 9, 10853.	1.6	4
4177	MicroPhase Separation within Epoxy Resin Yields Ultrathin Mesoporous Membranes with Increased Scalability by Conversion from Spin-Coating Process. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900321.	1.7	1
4178	TiO <sub>2</sub> nanocrystallites photocatalysts modified with metallic species: Comparison between Cu and Pt doping. <i>Surfaces and Interfaces</i> , 2019, 17, 100366.	1.5	18
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4185	Lithium-based transition-metal oxides for battery electrodes analyzed by x-ray photoelectron spectroscopy. VII. LiNi <sub>0.33</sub> Co <sub>0.33</sub> Mn <sub>0.33</sub> O <sub>2</sub> . <i>Surface Science Spectra</i> , 2019, 26, 014009.	0.3	2
4186	Lithium-based transition-metal oxides for battery electrodes analyzed by x-ray photoelectron spectroscopy. VIII. Li <sub>1.2</sub> Ni <sub>0.15</sub> Co <sub>0.1</sub> Mn <sub>0.55</sub> O <sub>2</sub> . <i>Surface Science Spectra</i> , 2019, 26, 014010.	0.3	5
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4188	Conductivity and Density of States of New Polyphenylquinoline. <i>Polymers</i> , 2019, 11, 934.	2.0	2
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4191	Attosecond Dynamics of $s$ - $p$ -Band Photoexcitation. <i>Physical Review Letters</i> , 2019, 123, 176801.	2.9	9
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4197	Exploring the bottlenecks of anionic redox in Li-rich layered sulfides. <i>Nature Energy</i> , 2019, 4, 977-987.	19.8	123
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4200	Electrodeposition of Nanoparticles and Continuous Film of CdSe on n-Si (100). <i>Nanomaterials</i> , 2019, 9, 1504.	1.9	16

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4202	A New Electrolyte Formulation for Securing High Temperature Cycling and Storage Performances of Na <sup>+</sup> Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901431.	10.2	59
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4213	High-resolution conversion electron spectroscopy of the $I_{125}^{\text{Te}}$ electron-capture decay. <i>Physical Review C</i> , 2019, 100, .	1.1	10
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4218	Differential charging analysis of Nb-TiO <sub>2</sub> thin films on SiO <sub>2</sub> substrates. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, 051101.	0.9	0

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4220	Solvothermal water-diethylene glycol synthesis of LiCoPO <sub>4</sub> and effects of surface treatments on lithium battery performance. <i>RSC Advances</i> , 2019, 9, 740-752.	1.7	8
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4232	Hard Italian cheese, by near-ambient pressure XPS. <i>Surface Science Spectra</i> , 2019, 26, 014015.	0.3	9
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4235	Low energy secondary electron induced damage of condensed nucleotides. <i>Journal of Chemical Physics</i> , 2019, 150, 204709.	1.2	11
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4238	Surface Layer Fluorination of TiO <sub>2</sub> Electrodes for Electrode Protection LiBs: Fading the Reactivity of the Negative Electrode/Electrolyte Interface. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1905-A1914.	1.3	5
4239	Effect of pH variation on the subcritical crack growth parameters of glassy matrix ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 2449-2456.	1.1	5
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4256	Optical and mechanical properties of amorphous Mg-Si-O-N thin films deposited by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2019, 372, 9-15.	2.2	12
4257	CuO/La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> nanocomposites in TWC. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117753.	10.8	19
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4259	Reaction mechanism of ZrO <sub>2</sub> metal resists with extreme ultraviolet irradiation. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SDDC01.	0.8	4
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4261	A straightforward procedure for the synthesis of silica@polyaniline core-shell nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 573, 237-245.	2.3	21
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4270	Electrochemical deposition of silicon from a sulfolane-based electrolyte: Effect of applied potential. <i>Electrochemistry Communications</i> , 2019, 103, 7-11.	2.3	13
4271	Octasodium bis-(Nitrilo-tris-Methylenephosphanatoxovanadate(IV))-Dioxo-bis-Oxovanadium(IV) Icosohydrate Na <sub>8</sub> [(VO) <sub>2</sub> (O) <sub>2</sub> ]{(VO) <sub>2</sub> (N(CH <sub>2</sub> PO <sub>3</sub> ) <sub>3</sub> ) <sub>2</sub> }]·20H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , 2019, 60, 81-91.	6.3	3
4272	Magnetically separable TiO <sub>2</sub> /FeO <sub>x</sub> /POM accelerating the photocatalytic removal of the emerging endocrine disruptor: 2,4-dichlorophenol. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 66-75.	10.8	86

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4275	Electron Transport through Self-Assembled Monolayers of Tripeptides. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9600-9608.	1.5	13
4276	Large-area synthesis of 2D $\text{MoO}_3$ for enhanced optoelectronic applications. <i>2D Materials</i> , 2019, 6, 035031.	2.0	48
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4278	Structure-function relationship for $\text{CO}_2$ methanation over ceria supported Rh and Ni catalysts under atmospheric pressure conditions. <i>Catalysis Science and Technology</i> , 2019, 9, 1644-1653.	2.1	61
4279	The Impact of Different Si Surface Terminations in the (100) p-Si   n-Si   Cu Junction with Respect to the Photo Electrochemical Performance. <i>Journal of the Electrochemical Society</i> , 2019, 166, H3208-H3214.	1.3	3
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4287	Characterization of adsorption of 5-carboxy-3-amino-1,2,4-triazole towards copper corrosion prevention in neutral media. <i>Electrochimica Acta</i> , 2019, 308, 392-399.	2.6	19
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4292	Strategy for simultaneously increasing both hardness and toughness in ZrB <sub>2</sub> -rich Zr <sub>1-x</sub> Ta <sub>x</sub> By thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	0.9	42
4293	Increased electrode activity during geosmin oxidation provided by Pt nanoparticle-embedded nanocarbon film. <i>Nanoscale</i> , 2019, 11, 8845-8854.	2.8	4
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4295	Surface Segregation of Amphiphilic PDMS-Based Films Containing Terpolymers with Siloxane, Fluorinated and Ethoxylated Side Chains. <i>Coatings</i> , 2019, 9, 153.	1.2	12
4296	Band Gap Modulation of Tantalum(V) Perovskite Semiconductors by Anion Control. <i>Catalysts</i> , 2019, 9, 161.	1.6	8
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4522	Application of MatLab for Processing X-ray Photoelectron Spectroscopy Spectra. , 2020, , .		0
4523	XPS and XAS investigations of multilayer nanostructures based on the amorphous CoFeB alloy. Journal of Electron Spectroscopy and Related Phenomena, 2020, 243, 146979.	0.8	2
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4527	Minimizing optical loss in ultrathin Ag films based on Ge wetting layer: Insights on Ge-mediated Ag growth. <i>Applied Surface Science</i> , 2020, 528, 146989.	3.1	19
4528	Effect of bulk and surface modification of SnO <sub>2</sub> thin films with PdO catalyst on CO gas sensing characteristics prepared by vacuum evaporation process. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155979.	2.8	18
4529	Temperature-programmed reduction of model CuO, NiO and mixed CuO–NiO catalysts with hydrogen. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156135.	2.8	57
4530	Photoelectron spectroscopic study on electronic state of corundum In <sub>2</sub> O <sub>3</sub> epitaxial thin film grown by mist-CVD. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SIIG12.	0.8	4
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4537	Biological responses at the interface of Ti-doped diamond-like carbon surfaces for indoor environment application. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31120-31129.	2.7	6
4538	Promoting H <sub>2</sub> photoproduction of TiO <sub>2</sub> -based materials by surface decoration with Pt nanoparticles and SnS <sub>2</sub> nanoplatelets. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119246.	10.8	35
4539	Crystallographic changes in electron pulse annealing of Ti-implanted GaP. <i>Radiation Effects and Defects in Solids</i> , 2020, 175, 719-729.	0.4	2
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4542	Activity enhancement pathways in LaFeO <sub>3</sub> @TiO <sub>2</sub> heterojunction photocatalysts for visible and solar light driven degradation of myclobutanil pesticide in water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123099.	6.5	53

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4556	Temperature dependence of the Kondo resonance in the photoemission spectra of the heavy-femion compounds $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mrow}> \langle \text{mml:mi}> \text{Yb} \langle \text{mml:mi}> \langle \text{mml:mi}> \text{X} \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:mi}> \text{width="0.28em"} \rangle \rangle \rangle \rangle \rangle$		

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4562	Determination of the band offsets of the Ga <sub>2</sub> O <sub>3</sub> :Si/FTO heterojunction for current spreading applications. Journal Physics D: Applied Physics, 2020, 53, 314003.	1.3	6
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Bis(hexaaquasodium)

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4579	Sulfur Hexafluoride (SF <sub>6</sub> ) Plasma Treatment of Medical Grade Poly(methyl methacrylate). <i>Coatings</i> , 2020, 10, 135.	1.2	3
4580	Molecular Modeling of Ammonia Gas Adsorption onto the Kaolinite Surface with DFT Study. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 46.	0.8	10
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4584	The Structure of Mixed Mn-Co Oxide Catalysts for CO Oxidation. <i>Topics in Catalysis</i> , 2020, 63, 75-85.	1.3	9
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4586	Fluorinated vs. Zwitterionic-Polymer Grafted Surfaces for Adhesion Prevention of the Fungal Pathogen <i>Candida albicans</i> . <i>Polymers</i> , 2020, 12, 398.	2.0	9
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