

Reliable determination of chemical state in x-ray photoelectron spectroscopy using  
sample-work-function referencing to adventitious carbon  
constant binding energy of the C 1s peak

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Tutorial on interpreting x-ray photoelectron spectroscopy survey spectra: Questions and answers on spectra from the atomic layer deposition of Al <sub>2</sub> O <sub>3</sub> on silicon. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2018, 36, .	1.2	54
2	Investigation of microstructure and properties of magnetron sputtered Zr-Si-N thin films with different Si content. Surface and Coatings Technology, 2018, 353, 355-363.	4.8	17
3	One-step synthesis of tunable nitrogen-doped graphene from graphene oxide and its high performance field emission properties. Vacuum, 2019, 168, 108817.	3.5	7
4	X-ray photoelectron spectroscopy studies of Ti <sub>1</sub> -Al <sub>1</sub> N (O <sub>2</sub> = 0.83) high-temperature oxidation: The crucial role of Al concentration. Surface and Coatings Technology, 2019, 374, 923-934.	4.8	64
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7	A composite material of vacuum heat-treated CQDs/Ce <sub>0.7</sub> Zr <sub>0.3</sub> O <sub>2</sub> with enhanced charge separation for efficient photocatalytic degradation. Vacuum, 2019, 169, 108912.	3.5	12
8	Air-plasma surface modification of epoxy resin substrate to improve electroless copper plating of printed circuit board. Vacuum, 2019, 170, 108967.	3.5	16
9	Structural, mechanical and tribological properties of ZrC thin films deposited by magnetron sputtering. Vacuum, 2019, 169, 108909.	3.5	20
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12	Influence of annealing on the structural and optical properties of gallium oxide films deposited on c-sapphire substrate. Vacuum, 2019, 167, 6-9.	3.5	24
13	Simultaneous O <sub>2</sub> plasma and thermal treatment for improved surface conductivity of Cu-Doped SnO <sub>2</sub> films. Vacuum, 2019, 166, 212-217.	3.5	11
14	Influence of Si doping and O <sub>2</sub> flow on arc-deposited (Al,Cr) <sub>2</sub> O <sub>3</sub> coatings. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 061516.	2.1	3
15	Effect of impurities on morphology, growth mode, and thermoelectric properties of (1-x)Sc <sub>1-x</sub> N and (0-x)Sc <sub>1-x</sub> N epitaxial-like ScN films. Journal Physics D: Applied Physics, 2019, 52, 035302.	2.8	31
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17	X-ray photoelectron spectroscopy: Towards reliable binding energy referencing. Progress in Materials Science, 2020, 107, 100591.	32.8	1,284
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323	Oxygen annealing induced crystallization and cracking of pulsed laser deposited Ga <sub>2</sub> O <sub>3</sub> films. Vacuum, 2022, 202, 111176.	3.5	10
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618	Centimeter-level MoS <sub>2</sub> films with controllable number of layers by face-to-face chemical vapor deposition strategy. Vacuum, 2023, 216, 112489.	3.5	2
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623	Interface tuning and electrical property optimization of La-doped ZrO <sub>2</sub> gate dielectric based on solution driving. Vacuum, 2023, 217, 112542.	3.5	2
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626	Hydrophobic, anticorrosion, and frictional properties of F-DLC films prepared by magnetron sputtering. Vacuum, 2023, 217, 112567.	3.5	3
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631	Defect-induced plasmon resonance of SERS-active MoO <sub>2</sub> -x/Mo composite films by pulsed laser irradiation. Vacuum, 2023, 218, 112632.	3.5	0
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633	Au/In <sub>2</sub> S <sub>3</sub> nanocomposites for selective triethylamine detection at low temperature. Vacuum, 2023, 216, 112429.	3.5	1



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641	Nanosized antiferromagnetic domains in NiO/Ag(001) films probed by polarised X-ray and unpolarised low-energy electrons. <i>Vacuum</i> , 2023, 218, 112599.	3.5	0
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651	Characterization of graphene oxide by pulsed UV nanosecond laser irradiation for flexible electrodes. <i>Vacuum</i> , 2023, 218, 112633.	3.5	0
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