

# Mirosław Krawczyk

## List of Publications by Year in descending order

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45  
papers

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docs citations

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times ranked

1136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co Loading Adjustment for the Effective Obtention of a Sedative Drug Precursor through Efficient Continuous-Flow Chemoselective Hydrogenation of 2-Methyl-2-Pentenal. <i>Catalysts</i> , 2022, 12, 19.	3.5	1
2	Continuous 2-Methyl-3-butyn-2-ol Selective Hydrogenation on Pd/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> as a Green Pathway of Vitamin A Precursor Synthesis. <i>Catalysts</i> , 2021, 11, 501.	3.5	10
3	Continuous-flow hydrogenation of nitrocyclohexane toward value-added products with CuZnAl hydrotalcite derived materials. <i>Applied Catalysis A: General</i> , 2021, 618, 118134.	4.3	12
4	Materials characterization of TiO <sub>2</sub> nanotubes decorated by Au nanoparticles for photoelectrochemical applications. <i>RSC Advances</i> , 2021, 11, 38727-38738.	3.6	11
5	Surface Characterization of MoS <sub>2</sub> Atomic Layers Mechanically Exfoliated on a Si Substrate. <i>Materials</i> , 2020, 13, 3595.	2.9	5
6	Plasma Nitriding of TiO <sub>2</sub> Nanotubes: N-Doping in Situ Investigations Using XPS. <i>ACS Omega</i> , 2020, 5, 8647-8658.	3.5	41
7	Surface characterization of low-temperature grown yttrium oxide. <i>Applied Surface Science</i> , 2018, 437, 347-356.	6.1	10
8	Titanium (IV) Oxide Nanotubes in Design of Active SERS Substrates for High Sensitivity Analytical Applications: Effect of Geometrical Factors in Nanotubes and in Ag-n Deposits. , 2018, , .		3
9	Surface studies of praseodymium by electron spectroscopies. <i>Applied Surface Science</i> , 2016, 388, 691-695.	6.1	2
10	Surface characterization of graphene based materials. <i>Applied Surface Science</i> , 2016, 388, 696-703.	6.1	7
11	Electron inelastic mean free paths in cerium dioxide. <i>Applied Surface Science</i> , 2015, 341, 196-202.	6.1	23
12	Elastic-peak electron spectroscopy (EPES) studies of ZnO single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 590, 553-556.	5.5	7
13	XPS method as a useful tool for studies of quantum well epitaxial materials: Chemical composition and thermal stability of InGaN/GaN multilayers. <i>Journal of Alloys and Compounds</i> , 2014, 597, 181-187.	5.5	5
14	XPS study of arsenic doped ZnO grown by Atomic Layer Deposition. <i>Journal of Alloys and Compounds</i> , 2014, 582, 594-597.	5.5	25
15	Homogeneous and heterogeneous magnetism in (Zn,Co)O: From a random antiferromagnet to a dipolar superferromagnet by changing the growth temperature. <i>Physical Review B</i> , 2013, 88, .	3.2	43
16	Studies of the hot-pressed TiN material by electron spectroscopies. <i>Journal of Alloys and Compounds</i> , 2013, 546, 280-285.	5.5	14
17	ZnO, ZnMnO and ZnCoO films grown by atomic layer deposition. <i>Semiconductor Science and Technology</i> , 2012, 27, 074009.	2.0	22
18	ALD grown zinc oxide with controllable electrical properties. <i>Semiconductor Science and Technology</i> , 2012, 27, 074011.	2.0	134

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19	Surface and in-depth characterization of InGaN compounds synthesized by plasma-assisted molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2011, 509, 9565-9571.	5.5	14
20	Role of interface in ferromagnetism of (Zn,Co)O films. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 1596-1600.	1.5	12
21	Physicochemical and catalytic properties of Pt-poly(4-vinylpyridine) composites. <i>Materials Chemistry and Physics</i> , 2009, 114, 763-773.	4.0	23
22	Quantification of surface excitation effects on the EPES-determined IMFPs for GaN and SiC. <i>Surface and Interface Analysis</i> , 2008, 40, 725-727.	1.8	2
23	Corrected electron inelastic mean free paths (IMFPs) for selected wide band semiconductors. <i>Journal of Physics: Conference Series</i> , 2008, 100, 042033.	0.4	2
24	Interaction of hydrogen with InN thin films elaborated on InP(100). <i>Surface Science</i> , 2007, 601, 3722-3725.	1.9	1
25	Measured electron IMFPs for SiC. <i>Surface and Interface Analysis</i> , 2006, 38, 644-647.	1.8	19
26	Electron IMFPs in bulk Cd <sub>0.88</sub> Mn <sub>0.12</sub> Te crystals determined by EPES. <i>Surface Science</i> , 2006, 600, 3744-3748.	1.9	3
27	IMFP measurements near Au-Ni alloy surfaces by EPES: indirect evidence of submonolayer Au surface enrichment. <i>Surface Science</i> , 2004, 566-568, 856-861.	1.9	9
28	Energy dependence of electron inelastic mean free paths in bulk GaN crystals. <i>Surface Science</i> , 2004, 566-568, 1234-1239.	1.9	21
29	Determination of the electron inelastic mean free path in some binary alloys for application in quantitative surface analysis. <i>Applied Surface Science</i> , 2004, 235, 15-20.	6.1	7
30	Surface characterisation of cobalt-palladium alloys. <i>Applied Surface Science</i> , 2004, 235, 49-52.	6.1	29
31	Determination of inelastic mean free paths for AuPd alloys by elastic peak electron spectroscopy (EPES). <i>Surface and Interface Analysis</i> , 2002, 33, 23-28.	1.8	14
32	Surface studies and catalytic properties of the bifunctional bulk MoO <sub>2</sub> system. <i>Surface and Interface Analysis</i> , 2002, 34, 225-229.	1.8	38
33	Oxygen adsorption on binary Co <sub>50</sub> Pd <sub>50</sub> alloy surfaces. <i>Vacuum</i> , 2001, 63, 23-27.	3.5	5
34	Electron inelastic mean free paths (IMFPs) in binary Au-Cu alloys determined by elastic peak electron spectroscopy. <i>Surface and Interface Analysis</i> , 2001, 31, 415-420.	1.8	5
35	Intercomparison of methods for separation of REELS elastic peak intensities for determination of IMFP. <i>Surface and Interface Analysis</i> , 2001, 31, 1-10.	1.8	14
36	Experimental determination of the inelastic mean free path of electrons in GaP and InAs. <i>Surface and Interface Analysis</i> , 2000, 30, 195-198.	1.8	17

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37	Determination of the electron inelastic mean free path in polyacetylene by elastic peak electron spectroscopy using different spectrometers. Applied Surface Science, 1999, 144-145, 168-172.	6.1	12
38	Experimental determination of the inelastic mean free path of electrons in GaSb and InSb. Applied Surface Science, 1999, 144-145, 173-177.	6.1	8
39	Decomposition of diborane on Pd(111): thermal and chemical behaviour of surface boron. Applied Surface Science, 1998, 135, 209-217.	6.1	12
40	The inelastic mean free path and the inelastic scattering cross-section of electrons in GaAs determined from highly resolved electron energy spectra. Surface Science, 1998, 402-404, 491-495.	1.9	12
41	Promoting effect of Zinc in DeNOx reaction over Pt/Al <sub>2</sub> O <sub>3</sub> . Studies in Surface Science and Catalysis, 1998, , 265-274.	1.5	8
42	Surface reactivity of the borided Pd(111) with respect to hydrogen, ethyne and ethene. Vacuum, 1995, 46, 1151-1153.	3.5	6
43	A surface study on model Pd(111) catalyst modified with boron. Surface Science, 1993, 287-288, 212-216.	1.9	8
44	Surface chemistry and catalysis studies on the palladium-boron system in the semihydrogenation of alkynes. Catalysis Letters, 1993, 17, 21-28.	2.6	16
45	Influence of the matrix on boron detection by auger electron spectroscopy (AES). Journal of Electron Spectroscopy and Related Phenomena, 1988, 46, 131-143.	1.7	15