

# Janusz W Sobczak

## List of Publications by Year in descending order

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139  
papers

5,203  
citations

81743

39  
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102304

66  
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140  
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140  
docs citations

140  
times ranked

7124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light activity of rare earth metal doped (Er <sup>3+</sup> , Yb <sup>3+</sup> or Er <sup>3+</sup> /Yb <sup>3+</sup> ) titania photocatalysts. Applied Catalysis B: Environmental, 2015, 163, 40-49.	10.8	295
2	Preparation and photocatalytic activity of boron-modified TiO <sub>2</sub> under UV and visible light. Applied Catalysis B: Environmental, 2008, 78, 92-100.	10.8	214
3	Preparation and characterization of monometallic (Au) and bimetallic (Ag/Au) modified-titania photocatalysts activated by visible light. Applied Catalysis B: Environmental, 2011, 101, 504-514.	10.8	205
4	Reduction and Functionalization of Graphene Oxide Sheets Using Biomimetic Dopamine Derivatives in One Step. ACS Applied Materials & Interfaces, 2012, 4, 1016-1020.	4.0	182
5	TiO <sub>2</sub> photoactivity in vis and UV light: The influence of calcination temperature and surface properties. Applied Catalysis B: Environmental, 2008, 84, 440-447.	10.8	176
6	Silver-doped TiO <sub>2</sub> prepared by microemulsion method: Surface properties, bio- and photoactivity. Separation and Purification Technology, 2010, 72, 309-318.	3.9	174
7	Lanthanide co-doped TiO <sub>2</sub> : The effect of metal type and amount on surface properties and photocatalytic activity. Applied Surface Science, 2014, 307, 333-345.	3.1	139
8	ALD grown zinc oxide with controllable electrical properties. Semiconductor Science and Technology, 2012, 27, 074011.	1.0	134
9	A comparative study of nanosized IB/ceria catalysts for low-temperature water-gas shift reaction. Applied Catalysis A: General, 2006, 298, 127-143.	2.2	126
10	Effect of synthesis procedure on the low-temperature WGS activity of Au/ceria catalysts. Applied Catalysis B: Environmental, 2004, 49, 73-81.	10.8	121
11	The effect of calcination temperature on structure and photocatalytic properties of Au/Pd nanoparticles supported on TiO <sub>2</sub> . Applied Catalysis B: Environmental, 2014, 152-153, 202-211.	10.8	120
12	Photocatalytic activity of boron-modified TiO <sub>2</sub> under visible light: The effect of boron content, calcination temperature and TiO <sub>2</sub> matrix. Applied Catalysis B: Environmental, 2009, 89, 469-475.	10.8	106
13	Effect of calcium-ion implantation on the corrosion resistance and biocompatibility of titanium. Biomaterials, 2001, 22, 2139-2151.	5.7	84
14	Acetophenone Hydrogenation on Polymer-Modified Palladium Catalysts. The Effect of Polymer Matrix. Catalysis Letters, 2004, 94, 143-156.	1.4	84
15	Lewis Acid Doped Polyaniline: Preparation and Spectroscopic Characterization. Chemistry of Materials, 1999, 11, 552-556.	3.2	81
16	NO reduction by CO in the presence of water over gold supported catalysts on CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> mixed support, prepared by mechanochemical activation. Applied Catalysis B: Environmental, 2007, 76, 107-114.	10.8	73
17	Effect of phosphorus-ion implantation on the corrosion resistance and biocompatibility of titanium. Biomaterials, 2002, 23, 3329-3340.	5.7	67
18	Gold catalysts supported on ceria doped by rare earth metals for water gas shift reaction: Influence of the preparation method. Applied Catalysis A: General, 2009, 357, 159-169.	2.2	65

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19	XPS and catalytic properties of the bifunctional supported MoO <sub>2</sub> (Hx)ac on TiO <sub>2</sub> for the hydroisomerization reactions of hexanes and 1-hexene. <i>Applied Catalysis A: General</i> , 2003, 242, 31-40.	2.2	63
20	Effect of dual ion implantation of calcium and phosphorus on the properties of titanium. <i>Biomaterials</i> , 2005, 26, 2847-2856.	5.7	57
21	Corrosion resistance of the surface layers formed on titanium by plasma electrolytic oxidation and hydrothermal treatment. <i>Vacuum</i> , 2005, 78, 143-147.	1.6	56
22	Thioacetamide and thiourea impact on visible light activity of TiO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2007, 76, 1-8.	10.8	56
23	Pd-Au/SiO <sub>2</sub> : Characterization and Catalytic Activity. <i>Journal of Catalysis</i> , 1995, 151, 67-76.	3.1	52
24	Simultaneous treatment of polymer surface by EUV radiation and ionized nitrogen. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 39-43.	1.1	52
25	Characterization of the surface layers formed on titanium by plasma electrolytic oxidation. <i>Surface and Coatings Technology</i> , 2010, 205, 1743-1749.	2.2	51
26	Surface properties and visible light activity of W-TiO <sub>2</sub> photocatalysts prepared by surface impregnation and sol-gel method. <i>Applied Catalysis B: Environmental</i> , 2012, 117-118, 351-359.	10.8	49
27	Gold based catalysts on ceria and ceria-alumina for WGS reaction (WGS Gold catalysts). <i>Topics in Catalysis</i> , 2007, 44, 173-182.	1.3	48
28	Boron-doped TiO <sub>2</sub> : Characteristics and photoactivity under visible light. <i>Procedia Chemistry</i> , 2009, 1, 1553-1559.	0.7	47
29	Simultaneous Chronoamperometry and Piezoelectric Microgravimetry Determination of Nitroaromatic Explosives Using Molecularly Imprinted Thiophene Polymers. <i>Analytical Chemistry</i> , 2013, 85, 8361-8368.	3.2	47
30	Gold catalysts supported on Y-modified ceria for CO-free hydrogen production via PROX. <i>Applied Catalysis B: Environmental</i> , 2016, 188, 154-168.	10.8	47
31	Hydrodechlorination of 1,2-dichloroethane and dichlorodifluoromethane over Ni/C catalysts: The effect of catalyst carbiding. <i>Applied Catalysis A: General</i> , 2007, 319, 181-192.	2.2	45
32	Influence of the preparation method and dopants nature on the WGS activity of gold catalysts supported on doped by transition metals ceria. <i>Applied Catalysis B: Environmental</i> , 2013, 136-137, 70-80.	10.8	45
33	Mechanistic studies of the electrochemical polymerization of C <sub>60</sub> in the presence of dioxygen or C <sub>60</sub> O. <i>Journal of Materials Chemistry</i> , 2005, 15, 1468.	6.7	44
34	Catalytic hydrogenation of alkadienes and alkynes by palladium catalysts supported on heterocyclic polyamides. <i>Journal of Molecular Catalysis A</i> , 1998, 129, 207-218.	4.8	43
35	Hydrosilylation of phenylacetylene catalyzed by metal complex catalysts supported on polyamides containing a pyridine moiety. <i>Journal of Molecular Catalysis A</i> , 2000, 156, 91-102.	4.8	43
36	Polyaniline stabilized highly dispersed Pt nanoparticles: Preparation, characterization and catalytic properties. <i>Reactive and Functional Polymers</i> , 2009, 69, 630-642.	2.0	43

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37	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, .	1.1	43
38	Gold supported on ceria and ceria-alumina promoted by molybdena for complete benzene oxidation. <i>Applied Catalysis B: Environmental</i> , 2006, 67, 237-245.	10.8	42
39	Nanosized gold catalysts supported on ceria and ceria-alumina for WGS reaction: Influence of the preparation method. <i>Applied Catalysis A: General</i> , 2007, 333, 153-160.	2.2	41
40	Hydrogenation of 2-ethyl-9,10-anthraquinone on Pd-polyaniline(SiO <sub>2</sub> ) composite catalyst. <i>Applied Catalysis A: General</i> , 2007, 333, 219-228.	2.2	41
41	Direct nitrous oxide decomposition with a cobalt oxide catalyst. <i>Applied Catalysis A: General</i> , 2010, 389, 165-172.	2.2	41
42	Direct nitrous oxide decomposition with CoOx-CeO <sub>2</sub> catalysts. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 416-422.	10.8	39
43	Cu-Fe-S Nanocrystals Exhibiting Tunable Localized Surface Plasmon Resonance in the Visible to NIR Spectral Ranges. <i>Inorganic Chemistry</i> , 2016, 55, 6660-6669.	1.9	39
44	Surface studies and catalytic properties of the bifunctional bulk MoO <sub>2</sub> system. <i>Surface and Interface Analysis</i> , 2002, 34, 225-229.	0.8	38
45	Ligand exchange in quaternary alloyed nanocrystals – a spectroscopic study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23082-23088.	1.3	38
46	Structure and properties of C <sub>60</sub> -Pd films formed by electroreduction of C <sub>60</sub> and palladium(ii) acetate trimer: evidence for the presence of palladium nanoparticles. <i>Journal of Materials Chemistry</i> , 2003, 13, 518-525.	6.7	36
47	Thiol-ene Click Reactions on Alkynyl-Dopamine-Modified Reduced Graphene Oxide. <i>Chemistry - A European Journal</i> , 2013, 19, 8673-8678.	1.7	36
48	Electrochemically synthesized molecularly imprinted polymer of thiophene derivatives for flow-injection analysis determination of adenosine-5-triphosphate (ATP). <i>Biosensors and Bioelectronics</i> , 2013, 41, 634-641.	5.3	36
49	Reduction behavior of nanostructured gold catalysts supported on mesoporous titania and zirconia. <i>Applied Catalysis A: General</i> , 2005, 291, 85-92.	2.2	34
50	Hydrogen-assisted dechlorination of 1,2-dichloroethane on active carbon supported palladium-copper catalysts. <i>Catalysis Today</i> , 2011, 175, 576-584.	2.2	34
51	Preferential oxidation of CO in H <sub>2</sub> rich stream (PROX) over gold catalysts supported on doped ceria: Effect of water and CO <sub>2</sub> . <i>Catalysis Today</i> , 2011, 175, 411-419.	2.2	33
52	Spectroscopic studies of polyaniline protonation with poly(alkylene phosphates). <i>Polymer</i> , 1996, 37, 25-30.	1.8	32
53	Soluble polysiloxane-supported palladium catalysts for the Mizoroki-Heck reaction. <i>Journal of Molecular Catalysis A</i> , 2010, 319, 30-38.	4.8	32
54	Fullerene derived molecularly imprinted polymer for chemosensing of adenosine-5-triphosphate (ATP). <i>Analytica Chimica Acta</i> , 2014, 844, 61-69.	2.6	32

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55	Modifying the properties of titanium surface with the aim of improving its bioactivity and corrosion resistance. <i>Journal of Materials Processing Technology</i> , 2003, 143-144, 158-163.	3.1	31
56	Effect of plasma electrolytic oxidation in the solutions containing Ca, P, Si, Na on the properties of titanium. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 2156-2166.	1.6	31
57	The effect of fluorine-based plasma treatment on morphology and chemical surface composition of biocompatible silicone elastomer. <i>Applied Surface Science</i> , 2006, 253, 1506-1511.	3.1	30
58	Modifying the properties of AISI 316L steel by glow discharge assisted low-temperature nitriding and oxynitriding. <i>Vacuum</i> , 2010, 85, 164-169.	1.6	30
59	Surface characterisation of cobalt-palladium alloys. <i>Applied Surface Science</i> , 2004, 235, 49-52.	3.1	29
60	An effective multipurpose building block for 3D electropolymerisation: 2,2-bis(2-bithiophene-5-yl)-3,3-bithianaphthene. <i>Electrochimica Acta</i> , 2010, 55, 8352-8364.	2.6	29
61	Luminophores of tunable colors from ternary Ag-In-S and quaternary Ag-In-Zn-S nanocrystals covering the visible to near-infrared spectral range. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1217-1228.	1.3	29
62	The influence of calcium and/or phosphorus ion implantation on the structure and corrosion resistance of titanium. <i>Vacuum</i> , 2001, 63, 715-719.	1.6	28
63	Physical and chemical modifications of PET surface using laser-plasma EUV source. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 831-836.	1.1	27
64	Nicotine molecularly imprinted polymer: Synergy of coordination and hydrogen bonding. <i>Biosensors and Bioelectronics</i> , 2015, 64, 657-663.	5.3	27
65	Alumina supported Au/Y-doped ceria catalysts for pure hydrogen production via PROX. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 233-245.	3.8	27
66	XPS study of arsenic doped ZnO grown by Atomic Layer Deposition. <i>Journal of Alloys and Compounds</i> , 2014, 582, 594-597.	2.8	25
67	Nano-gold catalysts on Fe-modified ceria for pure hydrogen production via WGS and PROX: Effect of preparation method and Fe-doping on the structural and catalytic properties. <i>Applied Catalysis A: General</i> , 2013, 467, 76-90.	2.2	24
68	Poly(o-toluidine) as the matrix for incorporation of palladium species from PdCl <sub>2</sub> aqueous solutions. <i>Polymer</i> , 2003, 44, 7809-7819.	1.8	23
69	Composition, Structure, Surface Topography, and Electrochemical Properties of Electrophoretically Deposited Nanostructured Fullerene Films. <i>Chemistry of Materials</i> , 2005, 17, 5635-5645.	3.2	23
70	Physicochemical and catalytic properties of Pt-poly(4-vinylpyridine) composites. <i>Materials Chemistry and Physics</i> , 2009, 114, 763-773.	2.0	23
71	Electron inelastic mean free paths in cerium dioxide. <i>Applied Surface Science</i> , 2015, 341, 196-202.	3.1	23
72	Non-injection synthesis of monodisperse Cu-Fe-S nanocrystals and their size dependent properties. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15091-15101.	1.3	23

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73	Corrosion resistance and bioactivity of titanium after surface treatment by three different methods: ion implantation, alkaline treatment and anodic oxidation. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 617-625.	1.9	22
74	Speciation of functional groups formed on the surface of amoxidised carbonaceous materials by XPS method. <i>Applied Surface Science</i> , 2007, 253, 4456-4461.	3.1	22
75	ZnO, ZnMnO and ZnCoO films grown by atomic layer deposition. <i>Semiconductor Science and Technology</i> , 2012, 27, 074009.	1.0	22
76	Design of new gold catalysts supported on mechanochemically activated ceria-alumina, promoted by molybdena for complete benzene oxidation. <i>Applied Catalysis B: Environmental</i> , 2008, 77, 364-372.	10.8	21
77	Gold supported on ceria doped by Me <sup>3+</sup> (Me = Al and Sm) for water gas shift reaction: Influence of dopant and preparation method. <i>Catalysis Today</i> , 2010, 158, 69-77.	2.2	20
78	Structural properties and chemical bonds in double metal cyanide catalysts. <i>X-Ray Spectrometry</i> , 2015, 44, 330-338.	0.9	20
79	Magnetic properties and magnetocaloric effect in La <sub>0.7</sub> Sr <sub>0.3</sub> Bi <sub>x</sub> MnO <sub>3</sub> manganites. <i>Journal of Alloys and Compounds</i> , 2015, 640, 433-439.	2.8	20
80	Measured electron IMFPs for SiC. <i>Surface and Interface Analysis</i> , 2006, 38, 644-647.	0.8	19
81	Hydroisomerization of n-heptane and dehydration of 2-propanol on bulk and supported WO <sub>2</sub> (Hx)ac on TiO <sub>2</sub> . <i>Applied Catalysis A: General</i> , 2004, 260, 175-183.	2.2	18
82	XANES investigations of Pd-doped polyaniline. <i>Journal of Alloys and Compounds</i> , 2001, 328, 132-134.	2.8	17
83	Palladium-promoted Co/SiO <sub>2</sub> catalysts for 1,4-butanediol cyclization. <i>Applied Catalysis A: General</i> , 2009, 362, 147-154.	2.2	17
84	NO reduction by CO over gold catalysts based on ceria supports, prepared by mechanochemical activation, modified by Me <sup>3+</sup> (Me=Al or lanthanides): Effect of water in the feed gas. <i>Applied Catalysis B: Environmental</i> , 2009, 90, 286-294.	10.8	17
85	EUV-induced physico-chemical changes in near-surface layers of polymers. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011, 184, 270-275.	0.8	17
86	Facile Gram-Scale Synthesis of the First n-Type CuFeS <sub>2</sub> Nanocrystals for Thermoelectric Applications. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3150-3153.	1.0	17
87	Surface chemistry and catalysis studies on the palladium-boron system in the semihydrogenation of alkynes. <i>Catalysis Letters</i> , 1993, 17, 21-28.	1.4	16
88	Effect of carbon ion implantation on the structure and corrosion resistance of OT-4-0 titanium alloy. <i>Surface and Coatings Technology</i> , 1999, 114, 250-259.	2.2	16
89	Mediatorless bioelectrocatalysis of dioxygen reduction at indium-doped tin oxide (ITO) and ITO nanoparticulate film electrodes. <i>Electrochimica Acta</i> , 2011, 56, 8739-8745.	2.6	16
90	Relationship between structural properties and activity in complete benzene oxidation over Au/CeO <sub>2</sub> /CoO <sub>x</sub> catalysts. <i>Catalysis Today</i> , 2012, 187, 30-38.	2.2	16

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91	Surface chemical composition and roughness as factors affecting the wettability of thermo-mechanically modified oak ( <i>Quercus robur</i> L.). <i>Holzforschung</i> , 2018, 72, 993-1000.	0.9	15
92	Heteropolyanions doped polyimine—Preparation and spectroscopic properties. <i>Materials Research Bulletin</i> , 1995, 30, 1571-1578.	2.7	14
93	Influence of anodic oxidation on the bioactivity and corrosion resistance of phosphorus-ion implanted titanium. <i>Vacuum</i> , 2003, 70, 109-113.	1.6	14
94	Physicochemical and catalytic properties of palladium deposited on polyaniline-coated silica gel. <i>Synthetic Metals</i> , 2004, 140, 233-246.	2.1	14
95	Effect of sodium-ion implantation on the corrosion resistance and bioactivity of titanium. <i>Vacuum</i> , 2005, 78, 161-166.	1.6	14
96	Effect of calcium-ion implantation on the corrosion resistance and bioactivity of the Ti6Al4V alloy. <i>Vacuum</i> , 2007, 81, 1310-1313.	1.6	14
97	Diamine functionalized gel-type resin as a support for palladium catalysts: Preparation, characterization and catalytic properties in hydrogenation of alkynes. <i>Reactive and Functional Polymers</i> , 2008, 68, 1652-1664.	2.0	14
98	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.	2.8	14
99	Studies of the hot-pressed TiN material by electron spectroscopies. <i>Journal of Alloys and Compounds</i> , 2013, 546, 280-285.	2.8	14
100	Active phases of supported cobalt catalysts for 2,3-dihydrofuran synthesis. <i>Journal of Molecular Catalysis A</i> , 2004, 215, 95-101.	4.8	13
101	Local structure of a Pd-doped polymer investigated using a linear combination of XANES spectra. <i>Journal of Alloys and Compounds</i> , 2004, 362, 162-166.	2.8	13
102	Ammonia synthesis over the Ba-promoted ruthenium catalysts supported on boron nitride. <i>Catalysis Letters</i> , 2005, 100, 79-87.	1.4	13
103	Two-Point—Assembling of Zn(II) and Co(II) Metalloporphyrins Derivatized with a Crown Ether Substituent in Langmuir and Langmuir—Blodgett Films. <i>Langmuir</i> , 2007, 23, 2555-2568.	1.6	12
104	Role of interface in ferromagnetism of (Zn,Co)O films. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 1596-1600.	0.7	12
105	Atomic layer deposition of Zn <sup>1-x</sup> Mg <sup>x</sup> O:Al transparent conducting films. <i>Journal of Materials Science</i> , 2014, 49, 1512-1518.	1.7	12
106	Non-existence of synergism in the hydrodenitrogenation of pyridine over carbon-supported cobalt—molybdenum sulphide catalysts. <i>Applied Catalysis</i> , 1988, 45, L23-L26.	1.1	11
107	Electron emission from C <sub>60</sub> /C <sub>70</sub> +Pd films containing Pd nanocrystals. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000, 18, 1064.	1.6	11
108	A Versatile Material for a Symmetrical Electric Energy Storage Device: A Composite of the Polymer of the Ferrocene Adduct of C <sub>60</sub> and Single-Wall Carbon Nanotubes Exhibiting Redox Conductivity at Both Positive and Negative Potentials. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1995-2007.	1.5	11

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109	Gold Catalysts on Y-Doped Ceria Supports for Complete Benzene Oxidation. <i>Catalysts</i> , 2016, 6, 99.	1.6	11
110	Arsenic chemical state in MBE grown epitaxial ZnO layers " doped with As, N and Sb. <i>Journal of Alloys and Compounds</i> , 2016, 687, 937-942.	2.8	11
111	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.	0.8	9
112	Glucose Electrooxidation in Bimetallic Suspensions of Nanoparticles in Alkaline Media. <i>ChemElectroChem</i> , 2015, 2, 1199-1205.	1.7	9
113	The chemical states of As 3d in highly doped ZnO grown by Molecular Beam Epitaxy and annealed in different atmospheres. <i>Thin Solid Films</i> , 2016, 605, 283-288.	0.8	9
114	Effect of the heating temperature on the corrosion resistance of alkali-treated titanium. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 589-598.	2.1	8
115	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.	3.1	7
116	Physicochemical and catalytic properties of palladium supported on poly(o-methoxyaniline). <i>Materials Research Bulletin</i> , 2005, 40, 869-889.	2.7	7
117	Charge transfer processes in bilayers and co-polymers composed of C60Pd and 2"-ferrocenylpyrrolidino-[3",4";1,2]C60Pd two-component polymers. <i>Journal of Materials Chemistry</i> , 2007, 6.7 17, 572-581.		7
118	Soluble Alkylthiopolysiloxane-Supported Palladium Catalysts for the Heck Reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 1586-1598.	0.8	7
119	Elastic-peak electron spectroscopy (EPES) studies of ZnO single crystals. <i>Journal of Alloys and Compounds</i> , 2014, 590, 553-556.	2.8	7
120	Charge injection in metal/organic/metal structures with ZnO:Al/organic interface modified by Zn1"xMg xO:Al layer. <i>Organic Electronics</i> , 2015, 25, 135-142.	1.4	7
121	Indium(II) Chloride as a Precursor in the Synthesis of Ternary (Ag"ln"S) and Quaternary (Ag"ln"Zn"S) Nanocrystals. <i>Chemistry of Materials</i> , 2022, 34, 809-825.	3.2	7
122	The Versatile Electrocatalytic Oxidation of Glucose on Bimetallic Nanoparticulate Film Electrode. <i>Journal of the Electrochemical Society</i> , 2014, 161, H3088-H3094.	1.3	6
123	Analysis of the XPS and optical reflectivity spectra of the chemically etched Si(111) surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 565-570.	0.8	5
124	Pure hydrogen production via PROX over gold catalysts supported on Pr-modified ceria. <i>Fuel</i> , 2014, 134, 628-635.	3.4	5
125	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.	2.8	5
126	The effect of sodium-ion implantation on the properties of titanium. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 3081-3091.	1.7	4



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127	Studies on the effect of structural parameters on the properties of polysiloxaneurethane dispersions and coatings. <i>Surface Coatings International Part B: Coatings Transactions</i> , 2006, 89, 31-39.	0.3	3
128	Sublimation TiN Coating of RF Power Components. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	3
129	Au/MCr <sub>2</sub> O <sub>4</sub> (M=Co, Mn, Fe) catalysts in the oxidations of CO, C <sub>2</sub> , and C <sub>3</sub> hydrocarbons. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 105, 69-78.	0.8	3
130	Modification of multiwalled carbon nanotubes with a ruthenium drug candidate—indazolium[tetrachlorobis(1 <i>H</i> -indazole)ruthenate] (KP1019). <i>Dalton Transactions</i> , 2020, 49, 16791-16800.	1.6	3
131	Effect of support preparation method on water-gas shift activity of copper-based catalysts. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 41268-41278.	3.8	3
132	Effects of Distribution of Palladium and Phosphorus in Polystyrene-Attached Catalysts on their Catalytic Behaviour. <i>Zeitschrift Fur Physikalische Chemie</i> , 1983, 137, 119-123.	1.4	2
133	Interaction of hydrogen with InN thin films elaborated on InP(100). <i>Surface Science</i> , 2007, 601, 3722-3725.	0.8	1
134	Combination of Hydroxyapatite Islets with Ti <sub>3</sub> P Surface Layer Produced on Titanium Alloy for Bone Implants. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3462-3468.	0.9	1
135	EUV induced ablation and surface modification of poly(vinylidene fluoride) irradiated in vacuum or gaseous environment. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
136	Investigation of Co <sub>3</sub> O <sub>4</sub> and LaCoO <sub>3</sub> Interaction by Performing N <sub>2</sub> O Decomposition Tests under Co <sub>3</sub> O <sub>4</sub> -CoO Transition Temperature. <i>Catalysts</i> , 2021, 11, 325.	1.6	1
137	Preparation, surface characteristics and electrochemical properties of electrophoretically deposited C <sub>60</sub> films. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	0
138	Effect of sodium-ion implantation on the properties of the surface layers formed on CoCrMo alloy (Endocast SL). <i>Vacuum</i> , 2007, 81, 1306-1309.	1.6	0
139	Electrorheological activity of suspensions of surface-modified pyrolyzed polyacrylonitrile. <i>Polymer Engineering and Science</i> , 2007, 47, 1192-1197.	1.5	0