

Robert P Socha

List of Publications by Year in descending order

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139
papers

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citations

117453

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all docs

142
docs citations

142
times ranked

6710
citing authors

#	ARTICLE	IF	CITATIONS
1	XPS and NMR studies of phosphoric acid activated carbons. <i>Carbon</i> , 2008, 46, 2113-2123.	5.4	743
2	Influence of ZrO ₂ Structure and Copper Electronic State on Activity of Cu/ZrO ₂ Catalysts in Methanol Synthesis from CO ₂ . <i>ACS Catalysis</i> , 2014, 4, 3730-3741.	5.5	294
3	Synthesis and antimicrobial activity of monodisperse copper nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 17-22.	2.5	203
4	Photocatalytic Activity of Titanium Dioxide Modified by Silver Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1945-1953.	4.0	159
5	Activity of a PtBi alloy in the electrochemical oxidation of formic acid. <i>Electrochemistry Communications</i> , 2006, 8, 1492-1498.	2.3	113
6	Influence of Polymorphic ZrO ₂ Phases and the Silver Electronic State on the Activity of Ag/ZrO ₂ Catalysts in the Hydrogenation of CO ₂ to Methanol. <i>ACS Catalysis</i> , 2011, 1, 266-278.	5.5	105
7	Catalytic combustion of toluene over mixed Cu-Mn oxides. <i>Catalysis Today</i> , 2007, 119, 321-326.	2.2	92
8	Phosphate-Mn permanganate conversion coatings on the AZ81 magnesium alloy: SEM, EIS and XPS studies. <i>Surface and Coatings Technology</i> , 2011, 206, 51-62.	2.2	90
9	Electrochemical investigation of the codeposition of SiC and SiO ₂ particles with nickel. <i>Journal of Applied Electrochemistry</i> , 2000, 30, 429-437.	1.5	86
10	Effect of Co content on the catalytic activity of CoSiBEA zeolite in the selective catalytic reduction of NO with ethanol: Nature of the cobalt species. <i>Applied Catalysis B: Environmental</i> , 2007, 75, 239-248.	10.8	86
11	Antioxidant properties, phenolic and mineral composition of germinated chia, golden flax, evening primrose, phacelia and fenugreek. <i>Food Chemistry</i> , 2019, 275, 69-76.	4.2	85
12	Phenolic profile and antioxidant properties of Polish honeys. <i>International Journal of Food Science and Technology</i> , 2011, 46, 528-534.	1.3	84
13	Fabrication of thick film sensitive RuO ₂ -TiO ₂ and Ag/AgCl/KCl reference electrodes and their application for pH measurements. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 57-67.	4.0	79
14	Self-healing epoxy coatings loaded with inhibitor-containing polyelectrolyte nanocapsules. <i>Progress in Organic Coatings</i> , 2015, 84, 97-106.	1.9	79
15	Do Cu(II) ions need Al atoms in their environment to make CuSiBEA active in the SCR of NO by ethanol or propane? A spectroscopy and catalysis study. <i>Applied Catalysis B: Environmental</i> , 2009, 85, 131-138.	10.8	75
16	Effect of Cu content on the catalytic activity of CuSiBEA zeolite in the SCR of NO by ethanol: Nature of the copper species. <i>Applied Catalysis B: Environmental</i> , 2009, 91, 217-224.	10.8	72
17	Particle-electrode surface interaction during nickel electrodeposition from suspensions containing SiC and SiO ₂ particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 235, 45-55.	2.3	65
18	Influence of the surface properties of silicon carbide on the process of SiC particles codeposition with nickel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 208, 267-275.	2.3	62

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19	Selective catalytic reduction of NO by ethanol: Speciation of iron and "structure" properties relationship in FeSiBEA zeolite. <i>Applied Catalysis B: Environmental</i> , 2009, 91, 113-122.	10.8	60
20	Modification of tantalum surface via plasma electrolytic oxidation in silicate solutions. <i>Electrochimica Acta</i> , 2013, 114, 627-636.	2.6	60
21	Anodic oxidation of zirconium in silicate solutions. <i>Electrochimica Acta</i> , 2013, 104, 518-525.	2.6	53
22	Modification of niobium surfaces using plasma electrolytic oxidation in silicate solutions. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3129-3142.	1.2	53
23	Use of ash-free "Hyper-coal" as a fuel for a direct carbon fuel cell with solid oxide electrolyte. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 12386-12394.	3.8	53
24	Active, selective and robust Pd and/or Cr catalysts supported on Ti-, Zr- or [Ti,Zr]-pillared montmorillonites for destruction of chlorinated volatile organic compounds. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 293-307.	10.8	49
25	The effect of sulphate-reducing bacteria biofilm on passivity and development of pitting on 2205 duplex stainless steel. <i>Electrochimica Acta</i> , 2016, 212, 225-236.	2.6	48
26	Palladium(II) Chloride Complex Ion Recovery from Aqueous Solutions Using Adsorption on Activated Carbon. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 702-711.	1.0	45
27	[Ti,Zr]-pillared montmorillonite " A new quality with respect to Ti- and Zr-pillared clays. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 155-164.	2.2	43
28	Influence of the Content and Environment of Chromium in CrSiBEA Zeolites on the Oxidative Dehydrogenation of Propane. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13273-13281.	1.5	42
29	The influence of surface composition of Ag ₃ PW ₁₂ O ₄₀ and Ag ₃ PMo ₁₂ O ₄₀ salts on their catalytic activity in dehydration of ethanol. <i>Journal of Molecular Catalysis A</i> , 2011, 351, 1-10.	4.8	40
30	Photocatalytic activity of titanium dioxide modified by Fe ₂ O ₃ nanoparticles. <i>Applied Surface Science</i> , 2014, 319, 173-180.	3.1	40
31	Electrochemical synthesis and characterization of dark nanoporous zinc oxide films. <i>Electrochimica Acta</i> , 2019, 305, 349-359.	2.6	39
32	Metal release and formation of surface precipitate at stainless steel grade 316 and Hanks solution interface " Inflammatory response and surface finishing effects. <i>Corrosion Science</i> , 2009, 51, 1157-1162.	3.0	38
33	Composites derived from exfoliated Laponite and Mn-Al hydrotalcite prepared in inverse microemulsion: A new strategy for design of robust VOCs combustion catalysts. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 46-56.	10.8	38
34	Cu/Mn-based mixed oxides derived from hydrotalcite-like precursors as catalysts for methane combustion. <i>Applied Catalysis A: General</i> , 2014, 474, 87-94.	2.2	36
35	Oxidation of the silicon carbide surface in Watts' plating bath. <i>Surface and Interface Analysis</i> , 2002, 34, 413-417.	0.8	35
36	Investigation of electrochemical co-deposition of zinc and molybdenum from citrate solutions. <i>Electrochimica Acta</i> , 2013, 104, 378-390.	2.6	35

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37	New insight into the preferred valency of interlayer anions in hydrotalcite-like compounds: The effect of Mg/Al ratio. <i>Applied Clay Science</i> , 2018, 155, 84-94.	2.6	33
38	Effects of anodizing conditions and annealing temperature on the morphology and crystalline structure of anodic oxide layers grown on iron. <i>Applied Surface Science</i> , 2017, 426, 1084-1093.	3.1	32
39	Incorporation of Copper in SIBEA Zeolite as Isolated Lattice Mononuclear Cu(II) Species and its Role in Selective Catalytic Reduction of NO by Ethanol. <i>Catalysis Letters</i> , 2008, 126, 36-42.	1.4	31
40	X-ray photoelectron spectroscopic and electrochemical impedance spectroscopic analysis of RuO ₂ -Ta ₂ O ₅ thick film pH sensors. <i>Analytica Chimica Acta</i> , 2016, 931, 47-56.	2.6	27
41	Kinetic studies of sorption and reduction of gold(III) chloride complex ions on activated carbon Norit ROX 0.8. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 289-297.	2.9	26
42	Antioxidant activity and the most abundant phenolics in commercial dark beers. <i>International Journal of Food Properties</i> , 2017, 20, S595-S609.	1.3	26
43	Controlled synthesis of nanoporous tin oxide layers with various pore diameters and their photoelectrochemical properties. <i>Electrochimica Acta</i> , 2017, 254, 238-245.	2.6	26
44	Anodic oxidation of Ti-13Nb-13Zr alloy in silicate solutions. <i>Applied Surface Science</i> , 2013, 279, 317-323.	3.1	25
45	Feasibility of direct carbon solid oxide fuels cell (DC-SOFC) fabrication by inkjet printing technology. <i>Electrochimica Acta</i> , 2013, 105, 412-418.	2.6	25
46	Characterization of casein and poly-l-arginine multilayer films. <i>Journal of Colloid and Interface Science</i> , 2014, 423, 76-84.	5.0	24
47	Electrochemically deposited nanocrystalline InSb thin films and their electrical properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1345-1350.	2.7	23
48	Magnesium and/or calcium-containing natural minerals as ecologically friendly catalysts for the Baeyer-Villiger oxidation of cyclohexanone with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2016, 509, 52-65.	2.2	23
49	Surface modification of nanoporous anodic titanium dioxide layers for drug delivery systems and enhanced SAOS-2 cell response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 58-66.	2.5	23
50	Cu ²⁺ Ions as a Paramagnetic Probe in EPR Studies of Radicals Generated Thermally in Starch. <i>Starch/Staerke</i> , 2008, 60, 134-145.	1.1	22
51	Adsorption and reduction of platinum(IV) chloride complex ions on activated carbon. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 1147-1156.	1.7	22
52	Design and assembly of ternary Pt/Re/SnO ₂ NPs by controlling the zeta potential of individual Pt, Re, and SnO ₂ NPs. <i>Journal of Nanoparticle Research</i> , 2018, 20, 144.	0.8	22
53	Morphology of nanoporous anodic films formed on tin during anodic oxidation in less commonly used acidic and alkaline electrolytes. <i>Surface and Coatings Technology</i> , 2019, 362, 191-199.	2.2	22
54	Characterization of Polish Wines Produced from the Multispecies Hybrid and <i>Vitis vinifera</i> L. Grapes. <i>International Journal of Food Properties</i> , 2015, 18, 699-713.	1.3	21

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55	Surface properties of nanozirconia and their effect on its rheological behaviour and sinterability. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1875-1883.	2.8	20
56	Au/FeO _x catalysts of different degree of iron oxide reduction. <i>Catalysis Today</i> , 2012, 187, 20-29.	2.2	19
57	Application of as-synthesized Co-Al layered double hydroxides for the preparation of the electroactive composites containing N-doped carbon nanotubes. <i>Applied Clay Science</i> , 2013, 72, 163-174.	2.6	19
58	Phenolic Profile and Antioxidant Activity of Polish Meads. <i>International Journal of Food Properties</i> , 2015, 18, 2713-2725.	1.3	19
59	Sn-BEA zeolites prepared by two-step postsynthesis method: Physicochemical properties and catalytic activity in processes based on MPV reduction. <i>Microporous and Mesoporous Materials</i> , 2018, 268, 178-188.	2.2	19
60	Mechanism of formation of silica-silicate thin films on zinc. <i>Thin Solid Films</i> , 2005, 488, 45-55.	0.8	18
61	Cluster-support interaction in Au-Fe ₃ O ₄ system. <i>Catalysis Today</i> , 2011, 169, 24-28.	2.2	18
62	Nature of the active sites in CO oxidation on FeSiBEA zeolites. <i>Applied Catalysis A: General</i> , 2016, 519, 16-26.	2.2	18
63	Characterization of <i>Desulfovibrio desulfuricans</i> biofilm on high-alloyed stainless steel: XPS and electrochemical studies. <i>Materials Chemistry and Physics</i> , 2017, 195, 28-39.	2.0	18
64	Unique cation surroundings in the structure of Ag ₃ PW ₁₂ O ₄₀ salt. <i>Solid State Sciences</i> , 2011, 13, 1276-1284.	1.5	17
65	Effect of grinding on the physico-chemical properties of Mg-Al hydrotalcite and its performance as a catalyst for Baeyer-Villiger oxidation of cyclohexanone. <i>Catalysis Today</i> , 2019, 333, 147-153.	2.2	17
66	Incorporation of Ca ions into anodic oxide coatings on the Ti-13Nb-13Zr alloy by plasma electrolytic oxidation. <i>Materials Science and Engineering C</i> , 2019, 104, 109957.	3.8	17
67	Application of metallic inks based on nickel-silver core-shell nanoparticles for fabrication of conductive films. <i>Nanotechnology</i> , 2019, 30, 225301.	1.3	17
68	Kinetic Studies of Gold Recovery from Diluted Chloride Aqueous Solutions Using Activated Carbon Organosorb 10 CO. <i>Australian Journal of Chemistry</i> , 2016, 69, 254.	0.5	16
69	Antioxidant properties of apple slices stored in starch-based films. <i>International Journal of Food Properties</i> , 2017, 20, 1117-1128.	1.3	16
70	Ba _{0.95} Ca _{0.05} Ce _{0.9} Y _{0.1} O ₃ as an electrolyte for proton-conducting ceramic fuel cells. <i>Electrochimica Acta</i> , 2019, 304, 70-79.	2.6	16
71	Porous Silicon Formation by Metal-Assisted Chemical Etching. <i>Acta Physica Polonica A</i> , 2009, 116, S-117-S-119.	0.2	16
72	Calcium uptake by casein embedded in polyelectrolyte multilayer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 343, 118-126.	2.3	15

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73	Improvement of corrosion resistance of Zn-Ni alloy coatings by anodizing in selected alcoholic solutions. <i>Corrosion Science</i> , 2019, 158, 108107.	3.0	15
74	Tuning the polarity of charge transport in InSb nanowires via heat treatment. <i>Nanotechnology</i> , 2015, 26, 285701.	1.3	14
75	Changes in the morphology and the composition of the Ag YSZ and Ag LSM interfaces caused by polarization. <i>Solid State Ionics</i> , 2012, 225, 755-759.	1.3	13
76	Preparation and characterization of the electroactive composites containing nickel nanoparticles and carbon nanotubes. <i>Electrochimica Acta</i> , 2013, 90, 563-572.	2.6	13
77	Polypyrrole-Silver Composite Nanowire Arrays by Cathodic Co-Deposition and Their Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 0, , 130916100825004.	1.5	13
78	A comparative study of direct versus post-synthesis alumination of mesoporous FSM-16 silica. <i>Materials Research Bulletin</i> , 2016, 83, 623-631.	2.7	13
79	Nitrogen-doped carbon materials derived from acetonitrile and Mg-Co-Al layered double hydroxides as electrocatalysts for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2016, 212, 47-58.	2.6	13
80	Amperometric glucose sensor based on the Ni(OH) ₂ /Al(OH) ₃ electrode obtained from a thin Ni ₃ Al foil. <i>Applied Surface Science</i> , 2017, 408, 96-102.	3.1	13
81	Extended investigation of sol aging effect on TiO ₂ electron transporting layer and performances of perovskite solar cells. <i>Materials Research Bulletin</i> , 2018, 99, 136-143.	2.7	13
82	Sorption of Molybdates and Tungstates on Functionalized Montmorillonites: Structural and Textural Features. <i>Materials</i> , 2019, 12, 2253.	1.3	13
83	Structural and electrochemical characterization of YBa(Fe,Co,Cu)2O _{5+δ} layered perovskites as cathode materials for solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16977-16988.	3.8	13
84	The New Copper Composite of Pastes for Si Solar Cells Front Electrode Application. <i>Energy Procedia</i> , 2016, 92, 962-970.	1.8	12
85	Solvent and substituent effects in hydrogenation of aromatic ketones over Ru/polymer catalyst under very mild conditions. <i>Molecular Catalysis</i> , 2019, 470, 145-151.	1.0	12
86	The optimization of methods of synthesis of nickel-silver core-shell nanoparticles for conductive materials. <i>Nanotechnology</i> , 2019, 30, 015601.	1.3	12
87	Effect of deposition conditions on the formation of silica-silicate thin films. <i>Surface and Coatings Technology</i> , 2007, 201, 5960-5966.	2.2	11
88	Antireflection TiO _x Coating with Plasmonic Metal Nanoparticles for Silicon Solar Cells. <i>Plasmonics</i> , 2013, 8, 41-43.	1.8	11
89	Plasma electrolytic oxidation of a Ti-15Mo alloy in silicate solutions. <i>Materials Letters</i> , 2013, 100, 252-256.	1.3	11
90	The influence of <i>Desulfovibrio desulfuricans</i> bacteria on a Ni-Ti alloy: electrochemical behavior and surface analysis. <i>Electrochimica Acta</i> , 2017, 249, 135-144.	2.6	11

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91	VOCs combustion catalysts based on composites of exfoliated organo-Laponite and multimetallic (Mn, Tj ETQq1 1,0,784314 rgBT /Ove	2.2	11
92	Physicochemical and Biological Characterisation of Diclofenac Oligomeric Poly(3-hydroxyoctanoate) Hybrids as I ² -TCP Ceramics Modifiers for Bone Tissue Regeneration. International Journal of Molecular Sciences, 2020, 21, 9452.	1.8	11
93	Structural, Catalytic, and Thermal Properties of Stainless Steel with Nanoscale Metal Surface Layer. Springer Proceedings in Physics, 2017, , 355-364.	0.1	11
94	Determination of free radicals and flavan-3-ols content in fermented and unfermented teas and properties of their infusions. European Food Research and Technology, 2013, 237, 167-177.	1.6	10
95	Changes in the morphology and the composition of the Ag Gd _{0.2} Ce _{0.8} O _{1.9} interface caused by polarization. Electrochimica Acta, 2013, 104, 474-480.	2.6	10
96	The kinetic studies of gold(III) chloride complex adsorption mechanism from an aqueous and semi-aqueous system. Journal of Molecular Liquids, 2019, 278, 43-52.	2.3	10
97	Au adsorption on defect-rich MgO(100) surfaces. Surface and Interface Analysis, 2010, 42, 536-539.	0.8	9
98	Electrodeposition of thin metallic layer for solar cell electrodes. Soldering and Surface Mount Technology, 2014, 26, 18-21.	0.9	9
99	The influence of layered double hydroxide composition on the morphology, porosity and capacitive properties of nitrogen-doped carbon materials prepared via chemical vapor deposition. Microporous and Mesoporous Materials, 2015, 201, 1-9.	2.2	9
100	Influence of Ag nanoparticles microstructure on their optical and plasmonic properties for photovoltaic applications. Solar Energy, 2017, 158, 610-616.	2.9	9
101	Physicochemical and electrochemical properties of the carbon materials containing nitrogen and cobalt derived from acetonitrile and Co-Al layered double hydroxides. Journal of Materials Science, 2018, 53, 11292-11314.	1.7	9
102	A Precursor Approach for the Development of Lace-like Fe ₂ O ₃ Nanocrystallites Triggered by Pressure Dependent Nucleation and Growth of Akaganeite over Clay Based Composites for Toluene Combustion. Journal of Physical Chemistry C, 2019, 123, 26236-26250.	1.5	9
103	Flexible and ultrathin polyelectrolyte conductive coatings formed with reduced graphene oxide as a base for advanced new materials. Applied Surface Science, 2019, 484, 501-510.	3.1	9
104	The influence of dielectric permittivity of water on the shape of PtNPs synthesized in high-pressure high-temperature microwave reactor. Scientific Reports, 2021, 11, 4851.	1.6	9
105	The influence of fluoride anions on the silicon carbide surface oxidation in aqueous solutions. Applied Surface Science, 2003, 212-213, 636-643.	3.1	8
106	Silver nanowires as a result of irradiation or hydrogen reduction of Ag ₃ PW12 O ₄₀ salt. Surface and Interface Analysis, 2010, 42, 757-761.	0.8	8
107	Efficient and Versatile Ru/SBA-15 Catalysts for Liquid-Phase Hydrogenation of the C=C and C=O Bonds under Mild Conditions. ChemistrySelect, 2016, 1, 2148-2155.	0.7	8
108	Preparation and characterization of RuCl ₃ diamine group functionalized polymer. Reactive and Functional Polymers, 2010, 70, 382-391.	2.0	7

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109	Reduced copper salt of Wells's Dawson type heteropolyacid as a bifunctional catalyst. <i>Catalysis Today</i> , 2011, 169, 150-155.	2.2	7
110	Prospects of X-ray photoemission electron microscopy at the first beamline of the Polish synchrotron facility "Solaris"™. <i>X-Ray Spectrometry</i> , 2015, 44, 317-322.	0.9	7
111	Kinetic studies of the removal of Pt(IV) chloride complex ions from acidic aqueous solutions using activated carbon. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 120, 715-734.	0.8	7
112	Double substituted NdBa(Fe,Co,Cu)2O5+ δ layered perovskites as cathode materials for intermediate-temperature solid oxide fuel cells " correlation between structure and electrochemical properties. <i>Electrochimica Acta</i> , 2022, 411, 140062.	2.6	7
113	The Influence of Base Metal (M) Oxidation State in Au-M-O/TiO2 Systems on Their Catalytic Activity in Carbon Monoxide Oxidation. <i>Catalysts</i> , 2012, 2, 38-55.	1.6	6
114	Copper deposition on screen printed electrical paths for solar cell application. <i>Circuit World</i> , 2015, 41, 98-101.	0.7	6
115	Photochemical silver nanoparticles deposition on sol-gel TiO2 for plasmonic properties utilization. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 563-571.	1.1	6
116	Formation of Nanodimensional Layer of Catalytically Active Metals on Stainless Steel Surface by Ionic Implantation. <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 128-137.	0.2	6
117	Colourful thin passive films on a Zn-Co alloy formed by anodic oxidation. <i>Electrochimica Acta</i> , 2021, 373, 137922.	2.6	6
118	Silicon solar cells and modules with front contact paste containing copper-based component. <i>Progress in Photovoltaics: Research and Applications</i> , 2021, 29, 1008-1019.	4.4	6
119	Composition and Microstructure of the Al-Multilayer Graphene Composites Achieved by the Intensive Deformation. <i>Acta Physica Polonica A</i> , 2014, 126, 921-927.	0.2	5
120	Alteration of the structure and surface composition of crystalline-amorphous porous clay heterostructures upon iron doping from metal-organic source. <i>Surface and Interface Analysis</i> , 2016, 48, 527-531.	0.8	5
121	The nucleation, growth and thermal stability of iron clusters on a TiO 2 (110) surface. <i>Applied Surface Science</i> , 2017, 416, 144-151.	3.1	5
122	Ionic Conductivity of the CeO2-Gd2O3-SrO System. <i>Archives of Metallurgy and Materials</i> , 2011, 56, .	0.6	4
123	Studying of Perovskite Nanoparticles in PMMA Matrix Used As Light Converter for Silicon Solar Cell. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 1733-1739.	0.6	4
124	Damage Development on the Surface of Nickel Coating in the Initial Period of Erosion. <i>Materials</i> , 2021, 14, 3123.	1.3	4
125	Poly-5-aminoindole and graphene-like materials derived bifunctional Co-N-C electrocatalysts for oxygen reduction and hydrogen evolution. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 2309-2319.	1.2	4
126	Copper-Based Volumetric Filler Dedicated for Ag Paste for Depositing the Front Electrodes by Printing on Solar Si Cells. <i>Materials</i> , 2018, 11, 2493.	1.3	3

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127	Batch reactor vs. flow column – Mechanistic investigation and modeling of Au(III) ions adsorption from aqueous solutions containing Ni ²⁺ , Na ⁺ , Cl ⁻ and ClO ₄ ⁻ as impurities. Sustainable Materials and Technologies, 2020, 23, e00142.	1.7	3
128	Nanoporous Anodic Aluminum-Iron Oxide with a Tunable Band Gap Formed on the FeAl ₃ Intermetallic Phase. Materials, 2020, 13, 3471.	1.3	3
129	Influence of Conditioning Temperature on Defects in the Double Al ₂ O ₃ /ZnO Layer Deposited by the ALD Method. Materials, 2021, 14, 1038.	1.3	3
130	The Impacts of Crystalline Structure and Different Surface Functional Groups on Drug Release and the Osseointegration Process of Nanostructured TiO ₂ . Molecules, 2021, 26, 1723.	1.7	3
131	Epitaxial δ -Mn(001) films on MgO(001). Thin Solid Films, 2014, 556, 137-141.	0.8	2
132	Platinum(IV) Chloride Complex Ions Adsorption on Activated Carbon Organosorb 10CO. Australian Journal of Chemistry, 2017, 70, 769.	0.5	2
133	Investigation of the Microstructure and Chemical Composition of CaCu ₃ Ti ₄ O ₁₂ Multilayer Elements using SEM, EDS, and XPS. Acta Physica Polonica A, 2018, 134, 318-321.	0.2	2
134	Investigation of Dye Dopant Influence on Electrooptical and Morphology Properties of Polymeric Acceptor Matrix Dedicated for Ternary Organic Solar Cells. Polymers, 2021, 13, 4099.	2.0	2
135	Nanospace constraints in mesoporous silica carriers – A factor of critical importance in promoting the catalytic activity of supported ruthenium (II) complex with hemilabile phosphine ligand. Applied Catalysis A: General, 2012, 427-428, 16-23.	2.2	1
136	Chaotic variations of electrical conductance in powdered Pd correlating with oscillatory sorption of D ₂ . Physical Chemistry Chemical Physics, 2017, 19, 7040-7053.	1.3	1
137	Copper Oxides on a Cu Sheet Substrate Made by Laser Technique. Materials, 2020, 13, 3794.	1.3	1
138	Zero waste, single step methods of fabrication of reduced graphene oxide decorated with gold nanoparticles. Sustainable Materials and Technologies, 2022, 31, e00387.	1.7	1
139	Microstructural and compositional studies on multilayer elements based on low temperature cofired CaCu ₃ Ti ₄ O ₁₂ -type ceramics. , 2017, , .		0