

Andrzej Czerwinski

List of Publications by Year in descending order

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papers

4,150
citations

136885

32
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149623

56
g-index

150
all docs

150
docs citations

150
times ranked

3197
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behaviour of palladium electrode: Oxidation, electrodisolution and ionic adsorption. <i>Electrochimica Acta</i> , 2008, 53, 7583-7598.	2.6	395
2	Electrochemical behavior of metal hydrides. <i>Journal of Solid State Electrochemistry</i> , 2001, 5, 229-249.	1.2	265
3	The absorption of hydrogen and deuterium in thin palladium electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 316, 211-221.	0.3	103
4	Kinetics of carbon dioxide adsorption on a platinum electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1974, 55, 391-397.	0.3	95
5	Li ₄ Ti ₅ O ₁₂ modified with Ag nanoparticles as an advanced anode material in lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 245, 764-771.	4.0	89
6	Applications of carbon in lead-acid batteries: a review. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 693-705.	1.2	87
7	The study of hydrogen sorption in palladium limited volume electrodes (Pd-LVE). <i>Journal of Electroanalytical Chemistry</i> , 1999, 471, 190-195.	1.9	86
8	Electrochemical preparation and characterization of electrodes modified with mixed hexacyanoferrates of nickel and palladium. <i>Journal of Electroanalytical Chemistry</i> , 2000, 487, 57-65.	1.9	83
9	Voltammetric study of carbon monoxide and carbon dioxide adsorption on smooth and platinized platinum electrodes. <i>The Journal of Physical Chemistry</i> , 1985, 89, 365-369.	2.9	80
10	Electrochemical behavior of palladium-gold alloys. <i>Electrochimica Acta</i> , 2003, 48, 2435-2445.	2.6	77
11	The adsorption of carbon oxides on a palladium electrode from acidic solution. <i>Journal of Electroanalytical Chemistry</i> , 1994, 379, 487-493.	1.9	76
12	Electrosorption of hydrogen into palladium-gold alloys. <i>Journal of Solid State Electrochemistry</i> , 2003, 7, 69-76.	1.2	74
13	EQCM studies on Pd-Ni alloy oxidation in basic solution. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 375-385.	1.2	66
14	The study of electrochemical palladium behavior using the quartz crystal microbalance. <i>Journal of Solid State Electrochemistry</i> , 2000, 4, 273-278.	1.2	63
15	Electrochemical behavior of lead dioxide deposited on reticulated vitreous carbon (RVC). <i>Journal of Power Sources</i> , 1997, 64, 29-34.	4.0	60
16	The study of hydrogen sorption in palladium limited volume electrodes (Pd-LVE). <i>Journal of Electroanalytical Chemistry</i> , 2000, 492, 128-136.	1.9	58
17	Electrochemical behavior of lead in sulfuric acid solutions. <i>Journal of Power Sources</i> , 2000, 85, 49-55.	4.0	55
18	The absorption of hydrogen and deuterium in thin palladium electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1992, 322, 373-381.	1.9	54

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19	Electrosorption of hydrogen into palladium–rhodium alloys. <i>Electrochimica Acta</i> , 2006, 51, 3112-3117.	2.6	49
20	Electrochemical properties of lithium–titanium oxide, modified with Ag–Cu particles, as a negative electrode for lithium-ion batteries. <i>RSC Advances</i> , 2017, 7, 52151-52164.	1.7	45
21	Selected electrochemical properties of Pd–Au alloys: hydrogen absorption and surface oxidation. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1589-1598.	1.2	44
22	Electrochemical behavior of lead deposited on reticulated vitreous carbon. <i>Journal of Electroanalytical Chemistry</i> , 1996, 410, 55-60.	1.9	43
23	Influence of LiMn ₂ O ₄ modification with CeO ₂ on electrode performance. <i>Electrochimica Acta</i> , 2014, 136, 286-291.	2.6	42
24	The adsorption of carbon monoxide on a platinum electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1978, 91, 47-53.	0.3	40
25	Electro-oxidation of methanol on Pt-Rh alloys. <i>Electrochimica Acta</i> , 2007, 52, 5565-5573.	2.6	40
26	Behavior of a nickel electrode in the presence of carbon monoxide. <i>Journal of Solid State Electrochemistry</i> , 1998, 2, 16-23.	1.2	39
27	Hydrogen electrosorption in Ni–Pd alloys. <i>Journal of Electroanalytical Chemistry</i> , 1999, 460, 30-37.	1.9	36
28	Electrochemical preparation and characterization of thin deposits of Pd-noble metal alloys. <i>Thin Solid Films</i> , 2010, 518, 3680-3689.	0.8	36
29	Influence of milling time in solid-state synthesis on structure, morphology and electrochemical properties of Li ₄ Ti ₅ O ₁₂ of spinel structure. <i>Powder Technology</i> , 2014, 266, 372-377.	2.1	34
30	Electrochemical behavior of thin polycrystalline rhodium layers studied by cyclic voltammetry and quartz crystal microbalance. <i>Electrochimica Acta</i> , 2007, 52, 4560-4565.	2.6	33
31	Hydrogen electrosorption into Pd–Pt–Au ternary alloys. <i>Electrochimica Acta</i> , 2010, 55, 1150-1159.	2.6	33
32	Electrochemical reduction of CO ₂ and oxidation of adsorbed species on the rhodium electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1979, 100, 781-790.	0.3	32
33	Correlations between hydrogen electrosorption properties and composition of Pd-noble metal alloys. <i>Electrochemistry Communications</i> , 2007, 9, 671-676.	2.3	32
34	The study of hydrogen electrosorption in layered nickel foam/palladium/carbon nanofibers composite electrodes. <i>Electrochimica Acta</i> , 2007, 52, 5677-5684.	2.6	32
35	Hybrid lead-acid battery with reticulated vitreous carbon as a carrier- and current-collector of negative plate. <i>Journal of Power Sources</i> , 2010, 195, 7530-7534.	4.0	32
36	The role of SnO ₂ surface coating on the electrochemical performance of LiFePO ₄ cathode materials. <i>Electrochimica Acta</i> , 2013, 108, 532-539.	2.6	32

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37	Study of electrochemical palladium behavior by the quartz crystal microbalance. I. Acidic Solutions. <i>Journal of Solid State Electrochemistry</i> , 1999, 3, 348-351.	1.2	31
38	Influence of electrolyte composition and temperature on behaviour of AB5 hydrogen storage alloy used as negative electrode in Ni-MH batteries. <i>Journal of Power Sources</i> , 2014, 263, 304-309.	4.0	31
39	Application of the radiotracer method for the study of electrosorption of carbon dioxide on platinum. <i>The International Journal of Applied Radiation and Isotopes</i> , 1974, 25, 295-300.	0.7	30
40	Cyclic voltammetric behavior of Pd-Pt-Rh ternary alloys. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 1-9.	1.2	30
41	Voltammetric and impedance characterization of Li ₄ Ti ₅ O ₁₂ /n-Ag composite for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 219, 277-283.	2.6	30
42	Hydrogen in thin Pd-based layers deposited on reticulated vitreous carbon-A new system for electrochemical capacitors. <i>Journal of Power Sources</i> , 2008, 185, 1598-1604.	4.0	29
43	Hydrogen insertion into Pd-Pt-Rh alloy limited volume electrodes (LVEs)-Keynote Lecture.. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 523-528.	1.9	28
44	The Electrochemical Deposition of Conducting Poly(3-Methyl-5-Thienylene) Films from Aqueous Media. <i>Journal of the Electrochemical Society</i> , 1985, 132, 2669-2672.	1.3	27
45	Electrochemical behavior of nickel deposited on reticulated vitreous carbon. <i>Journal of Power Sources</i> , 1999, 77, 28-33.	4.0	27
46	Electrochemical behavior of lead alloys in sulfuric and phosphoric acid solutions. <i>Journal of Power Sources</i> , 2003, 113, 308-317.	4.0	27
47	Electrochemical study on the adsorption of carbon oxides and oxidation of their adsorption products on platinum group metals and alloys. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 3752.	1.3	27
48	Electrochemical characterization of the surface and methanol electrooxidation on Pt-Rh-Pd ternary alloys. <i>Journal of Power Sources</i> , 2011, 196, 3513-3522.	4.0	27
49	The effect of electrode thickness on electrochemical performance of LiMn ₂ O ₄ cathode synthesized by modified sol-gel method. <i>Solid State Ionics</i> , 2014, 262, 9-13.	1.3	27
50	Impact of natural and synthetic graphite milling energy on lithium-ion electrode capacity and cycle life. <i>Carbon</i> , 2019, 145, 82-89.	5.4	27
51	The study of electrode processes of sulphur dioxide on platinized electrode by the radiochemical method. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1982, 132, 263-271.	0.3	26
52	Applications of Carbon in Rechargeable Electrochemical Power Sources: A Review. <i>Energies</i> , 2021, 14, 2649.	1.6	26
53	Electrosorption of carbon dioxide on platinum group metals and alloys-a review. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 813-827.	1.2	25
54	RVC as new carbon material for batteries. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 559-567.	1.5	25

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55	The Electrochemical Behavior in Aqueous Media of Conducting Polymers: II . The Insoluble Fractions Obtained on the Cu(II) Catalyzed Polymerization of (2,5-Dibromo-3-Group IV Substituted) Thiophenes. Journal of the Electrochemical Society, 1987, 134, 1158-1164.	1.3	24
56	A quartz crystal microbalance study on a metallic nickel electrode. Journal of Solid State Electrochemistry, 2004, 8, 390-397.	1.2	24
57	Influence of adsorbed carbon dioxide on hydrogen electrosorption in palladium-platinum-rhodium alloys. Electrochimica Acta, 2004, 49, 3161-3167.	2.6	24
58	The effect of compressive stresses on a silicon electrode's cycle life in a Li-ion battery. RSC Advances, 2018, 8, 22546-22551.	1.7	24
59	Temperature influence on hydrogen sorption in palladium limited-volume electrodes (Pd-LVE). Journal of Solid State Electrochemistry, 2003, 7, 321-326.	1.2	23
60	Influence of rhodium additive on hydrogen electrosorption in palladium-rich Pd-Rh alloys. Journal of Solid State Electrochemistry, 2011, 15, 2477-2487.	1.2	22
61	Fuel cell testing of Pt-Ru catalysts supported on differently prepared and pretreated carbon nanotubes. Electrochimica Acta, 2013, 98, 94-103.	2.6	22
62	Used batteries collection and recycling in Poland. Journal of Power Sources, 2006, 159, 454-458.	4.0	21
63	Electrochemical behavior of CO, CO ₂ and methanol adsorption products formed on Pt-Rh alloys of various surface compositions. Journal of Power Sources, 2008, 181, 24-30.	4.0	21
64	Influence of temperature on hydrogen electrosorption into palladium-noble metal alloys. Part 1: Palladium-gold alloys. Electrochimica Acta, 2010, 56, 235-242.	2.6	21
65	The method of limited volume electrodes as a tool for hydrogen electrosorption studies in palladium and its alloys. Journal of Solid State Electrochemistry, 2011, 15, 2489-2522.	1.2	21
66	Kinetics and mechanism of hydrogen electrosorption in palladium-based alloys. Solid State Ionics, 2011, 190, 18-24.	1.3	21
67	Anodic oxidation of Pd alloys with Pt and Rh. Journal of Alloys and Compounds, 2009, 473, 220-226.	2.8	20
68	Electrochemical behavior of negative electrode of lead-acid cells based on reticulated vitreous carbon carrier. Journal of Power Sources, 2010, 195, 7524-7529.	4.0	20
69	Studies on metal hydride electrodes containing no binder additives. Journal of Power Sources, 2010, 195, 7517-7523.	4.0	20
70	In Situ XRD and TEM Studies of Sol-Gel-Based Synthesis of LiFePO ₄ . Crystal Growth and Design, 2016, 16, 5006-5013.	1.4	20
71	Electrochemical Behavior of a Pd Thin Film Electrode in Concentrated Alkaline Media. Electrocatalysis, 2017, 8, 295-300.	1.5	20
72	The charging-discharging behavior of the lead-acid cell with electrodes based on carbon matrix. Journal of Solid State Electrochemistry, 2018, 22, 2703-2714.	1.2	20

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73	Enhanced kinetics of hydrogen electrosorption in AB5 hydrogen storage alloy decorated with Pd nanoparticles. <i>Electrochemistry Communications</i> , 2019, 100, 100-103.	2.3	20
74	Electrochemical absorption and oxidation of hydrogen on palladium alloys with platinum, gold and rhodium. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14567.	1.3	19
75	Electrochemical and spectroelectrochemical studies of pertechnetate electroreduction in acidic media. <i>Electrochimica Acta</i> , 2012, 76, 165-173.	2.6	19
76	Influence of lithium cations on hydrogen and deuterium electrosorption in palladium. <i>Electrochimica Acta</i> , 1994, 39, 431-436.	2.6	18
77	Study of hydrogen electrosorption in Pd-Ni alloys by the quartz crystal microbalance. <i>Journal of Solid State Electrochemistry</i> , 2002, 7, 43-48.	1.2	18
78	Electrosorption of hydrogen into palladium-rhodium alloys. <i>Electrochimica Acta</i> , 2008, 53, 7812-7816.	2.6	18
79	Influence of temperature on hydrogen electrosorption into palladium-noble metal alloys. Part 2-Palladium-platinum alloys. <i>Electrochimica Acta</i> , 2011, 56, 2344-2350.	2.6	18
80	Characteristic of hydrogen-saturated Pd-based alloys for the application in electrochemical capacitors. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2533-2539.	1.2	18
81	Characteristics of thin-layer cells with Nafion separators. <i>Analytical Chemistry</i> , 1980, 52, 1010-1013.	3.2	17
82	Electrosorption of CO and CO ₂ on Pt-Rh Alloy Electrodes. <i>Analytical Letters</i> , 1984, 17, 2175-2181.	1.0	17
83	Dual mechanism of hydrogen desorption from palladium alloys postulated on the basis of cyclic voltammetric studies. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 411-415.	1.2	17
84	Pd-Ru electrodeposits with high hydrogen absorption capacity. <i>Electrochemistry Communications</i> , 2012, 20, 175-177.	2.3	17
85	Electrochemical behaviour of barium metaplumbate as a lead carrier. <i>Journal of Power Sources</i> , 2004, 129, 326-329.	4.0	16
86	Characterization and electrochemical behavior of Pd-rich Pd-Ru alloys. <i>Electrochimica Acta</i> , 2014, 132, 214-222.	2.6	16
87	Thin-layer cell for routine applications. <i>Analytical Chemistry</i> , 1979, 51, 1328-1329.	3.2	15
88	Influence of hydrogen electrosorption on surface oxidation of Pd and Pd-noble metal alloys. <i>Electrochemistry Communications</i> , 2009, 11, 978-982.	2.3	15
89	Influence of temperature on hydrogen electrosorption into palladium-noble metal alloys. Part 3: Palladium-rhodium alloys. <i>Electrochimica Acta</i> , 2013, 107, 269-275.	2.6	15
90	On the Nature of Voltammetric Signals Originating from Hydrogen Electrosorption into Palladium-Noble Metal Alloys. <i>Materials</i> , 2013, 6, 4817-4835.	1.3	15

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91	The Comparative Study of Co Adsorption on Smooth and Rough Rhodium Electrodes. Analytical Letters, 1985, 18, 1465-1477.	1.0	14
92	Adsorption of Carbon Monoxide on Palladium Electrode from Alkaline Solutions. Analytical Letters, 1995, 28, 2547-2559.	1.0	14
93	Electrochemistry of multilayer electrodes RVC/Pani/Pd/Pani. Synthetic Metals, 2001, 121, 1401-1402.	2.1	14
94	Isotope effects in $\hat{I}\pm$ -PdH(D) as an instrument for diagnosing bulk defects. Journal of Solid State Electrochemistry, 2001, 5, 212-220.	1.2	14
95	Kinetics of carbon monoxide adsorption on a rough rhodium electrode. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 252, 189-195.	0.3	13
96	Thermodynamics of hydride formation and decomposition in electrodeposited Pd-rich Pd-Ru alloys. Electrochemistry Communications, 2014, 48, 40-43.	2.3	13
97	A New Technique for In Situ Determination of the Active Surface Area Changes of Li-Ion Battery Electrodes. Batteries and Supercaps, 2020, 3, 1028-1039.	2.4	13
98	New cathode mixture for the zinc-manganese dioxide cell. Journal of Power Sources, 2003, 114, 176-179.	4.0	12
99	Hydrogen Electrosorption in Pd-Pt-Rh Alloys in the Presence of Adsorbed CO. Analytical Letters, 2004, 37, 967-978.	1.0	12
100	Adsorption Study of CO ₂ on Reticulated Vitreous Carbon (RVC) Covered with Platinum. Analytical Letters, 1985, 18, 1717-1722.	1.0	11
101	Adsorption of 4,4'-bipyridyl on gold. Electrochimica Acta, 1990, 35, 591-594.	2.6	11
102	Influence of cesium cations on hydrogen and deuterium electrosorption in palladium. Electrochimica Acta, 1997, 42, 81-86.	2.6	11
103	Cathode modification in the Leclanché cell. Journal of Solid State Electrochemistry, 2003, 7, 118-121.	1.2	11
104	Electrochemical Impedance Spectroscopy Characterization of Silicon-Based Electrodes for Li-Ion Batteries. Electrocatalysis, 2020, 11, 160-169.	1.5	11
105	Use of neutron activation analysis for the determination of cesium in Pd electrodes on Pt and Au matrices. Journal of Radioanalytical and Nuclear Chemistry, 1995, 199, 375-383.	0.7	10
106	Influence of Rubidium Cations on Hydrogen and Deuterium Electrosorption in Palladium.. Analytical Letters, 1996, 29, 2549-2561.	1.0	10
107	Quartz crystal microbalance studies on electrochemical behavior of electrodeposited Pd-Ni alloys. Electrochimica Acta, 2006, 51, 2221-2229.	2.6	10
108	Electrochemical quartz crystal microbalance study on carbon oxides adsorption in the presence of electrosorbed hydrogen on Pd alloys with Pt and Rh. Electrochimica Acta, 2006, 51, 4728-4735.	2.6	10

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109	STEM study of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ anode material modified with Ag nanoparticles. Journal of Microscopy, 2016, 264, 41-47.	0.8	10
110	UV-Cured Poly(Siloxane-Urethane)-Based Polymer Composite Materials for Lithium Ion Batteries—The Effect of Modification with Ionic Liquids. Materials, 2020, 13, 4978.	1.3	10
111	The Comparative Study of Adsorbed Co^{II} -Oxidation On the Rough and Smooth Pt Electrodes. Analytical Letters, 1989, 22, 1547-1553.	1.0	9
112	Analysis of the influence of rhodium addition to platinum on its activity towards methanol electrooxidation by EIS. Journal of Solid State Electrochemistry, 2010, 14, 515-521.	1.2	9
113	The Investigation on the Mechanism of Electrochemical Hydrogen Storage in Sandwich Nickel Foam/Palladium/Carbon Nanofibers Electrodes. Journal of Nanoscience and Nanotechnology, 2009, 9, 3858-3865.	0.9	8
114	Surface Oxidation of Nano-Silicon as a Method for Cycle Life Enhancement of Li-ion Active Materials. Molecules, 2020, 25, 4093.	1.7	8
115	The adsorption of chlorobenzene on the gold electrode. Electrochimica Acta, 1980, 25, 1313-1316.	2.6	7
116	Characterization of Metal Alloy Powder Materials for Metal-Hydride Anodes Using Thin-Layer Electrode Approach. Journal of the Electrochemical Society, 2010, 157, A254.	1.3	7
117	CHARACTERIZATION OF $\text{Pt}^{\text{II}}\text{Rh}^{\text{II}}\text{Ru}$ CATALYSTS FOR METHANOL OXIDATION. Functional Materials Letters, 2011, 04, 187-191.	0.7	7
118	Thin layer spectroelectrochemical studies of pertechnetate reduction on the gold electrodes in acidic media. Electrochimica Acta, 2014, 121, 44-48.	2.6	7
119	Comparative study of hydrogen electrosorption from alkali metals electrolytes and hydrogen sorption from gas phase in AB5 alloy. Electrochimica Acta, 2017, 252, 381-386.	2.6	7
120	Corrosion of Hydrogen Storage Metal Alloy $\text{LaMm-Ni}_4.1\text{Al}_0.3\text{Mn}_0.4\text{Co}_0.45$ in the Aqueous Solutions of Alkali Metal Hydroxides. Materials, 2018, 11, 2423.	1.3	7
121	The Modification of Electrochemical Properties of Pd by its Alloying with Ru, Rh, and Pt: the Study of Ternary Systems. Electrocatalysis, 2020, 11, 247-257.	1.5	7
122	The Charge-Discharge Properties of a Cu(II) -Poly(thienylene) Cell in Aqueous Media. Journal of the Electrochemical Society, 1986, 133, 576-578.	1.3	6
123	New high-energy lead-acid battery with reticulated vitreous carbon as a carrier and current collector. Journal of Power Sources, 2011, 198, 378-378.	4.0	6
124	Thin layer spectroelectrochemical (RVC-OTTLE) studies of pertechnetate reduction in acidic media. Journal of Radioanalytical and Nuclear Chemistry, 2014, 300, 229-234.	0.7	6
125	The Interaction of Oxygen with Polythiozyl, $(\text{SN})_x$, Electrodes. Analytical Letters, 1979, 12, 1089-1094.	1.0	5
126	Critical nuances in the synthesis of highly conductive undoped poly(3-substituted-2,5-thienylenes) containing Cu(II) . Journal of Polymer Science, Part C: Polymer Letters, 1986, 24, 103-104.	0.7	5

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127	The Electrochemical Behavior of Bunte Salts. <i>Analytical Letters</i> , 1997, 30, 2391-2408.	1.0	5
128	Analysis of the electrochemical quartz crystal microbalance response during oxidation of carbon oxides adsorption products on platinum group metals and alloys. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 1279-1292.	1.2	5
129	Comparative Physicochemical and Electrochemical Characterization of the Structure and Composition of Thin Pd Binary and Ternary Codeposits with Pt, Ru, and Rh. <i>Materials</i> , 2018, 11, 798.	1.3	5
130	Effect of the Alloying Metal on the Corrosion Resistance of Pd-Rich Binary Alloys with Pt, Rh, and Ru in Sulfuric Acid. <i>Materials</i> , 2021, 14, 2923.	1.3	5
131	Electrochemical Properties of Pristine and Vanadium Doped LiFePO ₄ Nanocrystallized Glasses. <i>Energies</i> , 2021, 14, 8042.	1.6	5
132	A radiotracer method for the study of ruthenium adsorption on polysulfur nitride, /SN/x. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 85, 173-180.	0.7	4
133	Mounting assembly for preparation of electrodes from totally insoluble conducting polymers. <i>Analytical Chemistry</i> , 1984, 56, 1039-1041.	3.2	4
134	The Electrochemical Behavior in Aqueous Media of Conducting Polymers: I: The Methanol Soluble Fraction Obtained on the Cu(II) Catalyzed Polymerization of 2,5-Dibromo-3-Methylthiophene. <i>Analytical Letters</i> , 1985, 18, 673-680.	1.0	4
135	Investigation of hydrogen embrittlement of Sn-Al alloy during contact with water vapour. <i>Journal of Solid State Electrochemistry</i> , 2003, 7, 83-86.	1.2	4
136	Quartz crystal microbalance study of palladium alloys. Part 1: Electrodeposition of Pt-Pd-Ru alloys. <i>Journal of Electroanalytical Chemistry</i> , 2014, 729, 27-33.	1.9	4
137	Conductive porous carbon (CPC) as an alternative to reticulated vitreous carbon (RVC) in lead acid battery current collectors. <i>Journal of Power Sources Advances</i> , 2021, 12, 100074.	2.6	4
138	Improved hydrogen sorption properties of Pd in protic and aprotic ionic liquids effected by superacid addition. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163853.	2.8	4
139	The Electrochemical Behavior in Aqueous Media of Conducting Polymers. III: The Redox Reactions of Strongly Oxidizing Metal Cations on the Cu(II) Catalyzed Polymers of 3-Substituted-2,5-Dibromothiophene. <i>Analytical Letters</i> , 1985, 18, 2395-2398.	1.0	3
140	Validation of the method for determination of plutonium isotopes in urine samples and its application in a nuclear facility at Otwock. <i>Nukleonika</i> , 2015, 60, 181-186.	0.3	3
141	Single Step, Electrochemical Preparation of Copper-Based Positive Electrode for Lithium Primary Cells. <i>Materials</i> , 2018, 11, 2126.	1.3	3
142	The effect of water and transition metal ion doping on the conductivity of poly(3-substituted) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.9	2
143	Effect of Temperature, Electrode Potential, and Bulk Composition on Hydrogen Electrosorption into Palladium-Ruthenium Alloys-Comparative Study with Other Binary Systems. <i>Electrocatalysis</i> , 2018, 9, 593-601.	1.5	2
144	Structure, Morphology, and Electrochemical Properties of Carbon-Coated Lithium-Manganese Orthosilicate with Sucrose as a Carbon Source. <i>Electrocatalysis</i> , 2020, 11, 329-337.	1.5	1

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145	Analysis of metals content in polyethylene packaging materials in view of the existing legislation. Polimery, 2016, 61, 98-105.	0.4	1
146	Facile preparation of hierarchical 3D current collector for Li-ion anodes. Electrochimica Acta, 2022, 403, 139698.	2.6	1
147	Solvent effect on the rate of homogeneous electron exchange of the Eu(III)-Eu(II) system in water-DMF mixtures. Journal of Radioanalytical and Nuclear Chemistry, 1992, 165, 167-174.	0.7	0
148	Determination of ^{238}Pu , $^{239+240}\text{Pu}$ and ^{241}Am in air filters. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1271-1276.	0.7	0
149	The Platinum Catalyst Prepared from Platinum Carbonyls. Journal of New Materials for Electrochemical Systems, 2013, 16, 263-267.	0.3	0
150	Analysis of the selected heavy metals content in the lead-acid battery polymeric separator. Polimery, 2019, 64, 442-451.	0.4	0