

Bogusław Pieroński

List of Publications by Year in descending order

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51
papers

611
citations

623734

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677142

22
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52
all docs

52
docs citations

52
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen evolution at catalytically-modified nickel foam in alkaline solution. <i>Journal of Power Sources</i> , 2014, 271, 231-238.	7.8	61
2	Electrooxidation of quercetin at glassy carbon electrode studied by a.c. impedance spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2009, 625, 149-155.	3.8	46
3	On the Temperature Dependence of Hydrogen Evolution Reaction at Nickel Foam and Pd-Modified Nickel Foam Catalysts. <i>Electrocatalysis</i> , 2015, 6, 51-59.	3.0	39
4	Characteristics of cow's milk proteins including allergenic properties and methods for its reduction. <i>Polish Annals of Medicine</i> , 2013, 20, 69-76.	0.3	34
5	Hydrogen evolution reaction at Pd-modified carbon fibre and nickel-coated carbon fibre materials. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 7733-7740.	7.1	33
6	Kinetics of Hydrogen Evolution Reaction at Nickel-Coated Carbon Fiber Materials in 0.5 M H ₂ SO ₄ and 0.1 M NaOH Solutions. <i>Journal of the Electrochemical Society</i> , 2009, 156, B1045.	2.9	25
7	The effects of bovine milk fat on human health. <i>Polish Annals of Medicine</i> , 2012, 19, 170-175.	0.3	25
8	A.c. impedance behaviour of processes involving adsorption and reactivity of guanidonium-type cations at Pt(100) surface. <i>Journal of Electroanalytical Chemistry</i> , 2008, 622, 10-14.	3.8	23
9	Hydrogen evolution reaction at Pd-modified carbon fibre in 0.1 M NaOH. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 1795-1799.	7.1	22
10	Influence of adsorption of guanidonium cations on H ₂ upd at Pt(hkl) surfaces: lattice-specific anion-mimetic effects. <i>Journal of Electroanalytical Chemistry</i> , 1999, 467, 30-42.	3.8	19
11	On the electrooxidation mechanism of quercetin glucosides at glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2010, 640, 23-34.	3.8	18
12	Cathodic Evolution of Hydrogen on Platinum-Modified Nickel Foam Catalyst. <i>Electrocatalysis</i> , 2016, 7, 121-126.	3.0	18
13	Electrochemical Degradation of Industrial Dyes in Wastewater through the Dissolution of Aluminum Sacrificial Anode of Cu/Al Macro-Corrosion Galvanic Cell. <i>Molecules</i> , 2020, 25, 4108.	3.8	18
14	Electrochemical Corrosion Behavior of Nickel-Coated Carbon Fiber Materials in Various Electrolytic Media. <i>Journal of the Electrochemical Society</i> , 2008, 155, C427.	2.9	16
15	Impedance monitoring of fuel cell stacks. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 929-933.	2.5	14
16	Objective parallel-forms reliability assessment of 3 dimension real time body posture screening tests. <i>BMC Pediatrics</i> , 2014, 14, 221.	1.7	13
17	Enhancement of Ethanol Oxidation Reaction on Pt (PtSn)-Activated Nickel Foam Through In situ Formation of Nickel Oxy-Hydroxide Layer. <i>Electrocatalysis</i> , 2017, 8, 252-260.	3.0	13
18	Electrosorption of quercetin on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2011, 651, 100-103.	3.8	11

#	ARTICLE	IF	CITATIONS
19	On the Temperature Performance of Ethanol Oxidation Reaction at Palladium-Activated Nickel Foam. <i>Electrocatalysis</i> , 2015, 6, 173-178.	3.0	11
20	Electrocoagulation of synthetic dairy wastewater. <i>Water Science and Technology</i> , 2013, 67, 404-409.	2.5	10
21	Enhancing the Effectiveness of Oxygen Evolution Reaction by Electrodeposition of Transition Metal Nanoparticles on Nickel Foam Material. <i>Catalysts</i> , 2021, 11, 468.	3.5	10
22	FTIR spectroscopic and cyclic voltammetric study of the influence of resonant guanidonium cations on HSO ₄ ⁻ adsorption in the H UPD region at Pt(111) and (100) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 469-478.	2.8	9
23	Electrocoagulation of model wastewater using aluminum electrodes. <i>Polish Journal of Chemical Technology</i> , 2012, 14, 66-70.	0.5	9
24	Influence of Electrodeposited Ni-Mo Alloy on Hydrogen Evolution Reaction at Nickel Foam Cathode. <i>International Journal of Electrochemical Science</i> , 2018, 13, 621-630.	1.3	9
25	Specificity of electrochemical reactivity of small aliphatic oximes to geometries of Pt(111) and (100) surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2002, 538-539, 87-97.	3.8	8
26	Application of nickel-coated carbon fibre material in cathodic protection of underground-buried steel structures. <i>Corrosion Science</i> , 2009, 51, 2605-2609.	6.6	8
27	Ethanol oxidation reaction at Pd-modified nickel foam obtained by PVD method in alkaline solution. <i>Journal of Electroanalytical Chemistry</i> , 2014, 735, 32-35.	3.8	8
28	Electrochemical reactivity of formamidoxime on Pt(1 1 1) and (1 0 0) single-crystal surfaces in 0.1 M NaOH solution. <i>Journal of Electroanalytical Chemistry</i> , 2011, 662, 432-436.	3.8	6
29	Electrodeposition of Nickel onto 12K Carbon Fibre Tow in a Continuous Manner. <i>Croatica Chemica Acta</i> , 2012, , 1-8.	0.4	6
30	Electrochemical reactivity of urea at Pt(100) surface in 0.5 M H ₂ SO ₄ by AC impedance spectroscopy. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 889-893.	2.5	6
31	Hydrogen evolution reaction at Ru-modified nickel-coated carbon fibre in 0.1 M NaOH. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 18-22.	0.5	6
32	Electrodegradation of Resorcinol on Pure and Catalyst-Modified Ni Foam Anodes, Studied under Alkaline and Neutral pH Conditions. <i>Molecules</i> , 2018, 23, 1293.	3.8	6
33	The Effect of Temperature on the Biosorption of Dyes from Aqueous Solutions. <i>Processes</i> , 2020, 8, 636.	2.8	6
34	Computer simulation of the polydisperse sol coagulation process. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 302-310.	1.7	5
35	Basic research Early detection of idiopathic scoliosis – analysis of three screening models. <i>Archives of Medical Science</i> , 2015, 11, 1058-64.	0.9	5
36	Destabilization Of Model Wastewater In The Chemical Coagulation Process. <i>Ecological Chemistry and Engineering S</i> , 2014, 21, 269-279.	1.5	5

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37	Electrochemical Behaviour of Urea at Pt(111) Single-Crystal Surface in 0.1M NaOH. <i>Electrocatalysis</i> , 2013, 4, 37-41.	3.0	4
38	Electrodegradation of Phenol Through Continuous Electrolysis of Synthetic Wastewater on Platinized Titanium and Stainless Steel Anodes. <i>International Journal of Electrochemical Science</i> , 2017, , 4444-4455.	1.3	4
39	Electrodegradation of Acid Mixture Dye through the Employment of Cu/Fe Macro-Corrosion Galvanic Cell in Na ₂ SO ₄ Synthetic Wastewater. <i>Molecules</i> , 2021, 26, 4580.	3.8	4
40	Application of Pd-modified Nickel Foam Cathodes to the Process of Alkaline Water Electrolysis. <i>International Journal of Electrochemical Science</i> , 2016, 11, 4865-4877.	1.3	3
41	Platinum dissolution and ethanol oxidation reaction on Pt-activated nickel foam in sodium hydroxide solution. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 41-43.	0.5	3
42	Electrochemical Degradation of Phenol and Resorcinol Molecules through the Dissolution of Sacrificial Anodes of Macro-Corrosion Galvanic Cells. <i>Water (Switzerland)</i> , 2018, 10, 770.	2.7	3
43	On the Corrosion Performance of Module-Mounting Assemblies for Ground-Mounted Photovoltaic Power Station. <i>Electrocatalysis</i> , 2018, 9, 416-427.	3.0	2
44	Influence of acetamidine on the electrosorption of UPD H at Pt single-crystal surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2008, 623, 102-108.	3.8	1
45	The effect of thermal treatments on the mechanical and electrical properties of nickel-coated carbon fibre composites. <i>Polish Journal of Chemical Technology</i> , 2011, 13, 16-19.	0.5	1
46	Kinetics of electrooxidation of phenol on polycrystalline platinum. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 126-130.	0.5	1
47	Ethanol oxidation reaction at Pd-modified nickel foam obtained by PVD method. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 47-50.	0.5	1
48	Galvanic coupling effects for module-mounting elements of ground-mounted photovoltaic power station. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 22-27.	0.5	1
49	Electrooxidation of phenol on carbon fibre-based anodes through continuous electrolysis of synthetic wastewater. <i>Polish Journal of Chemical Technology</i> , 2018, 20, 96-102.	0.5	1
50	Influence of Surface Oxidation of Nickel-Coated Carbon Fibre on Oxygen Evolution Reaction in Alkaline Solution. <i>International Journal of Electrochemical Science</i> , 2017, , 11455-11464.	1.3	0
51	Acetonitrile's Effect on the Efficiency of Ethanol Electrooxidation at a Polycrystalline Pt Electrode in Relation to pH-Dependent Fuel Cell Applications. <i>Catalysts</i> , 2020, 10, 1286.	3.5	0