Nevenka R ElezoviÄ

List of Publications by Year
in descending order

37 papers	888 citations	471509 17 h-index	454955 30 g-index
37 all docs	37 docs citations	37 times ranked	1373 citing authors

#	Article	IF	Citations
1	Oxygen reduction reaction on electrochemically deposited sub-monolayers and ultra-thin layers of Pt on (Nb-Ti)2AlC substrate. Materials Protection, 2022, 63, 153-164.	0.9	10
2	Electrochemical deposition and characterization of iridium oxide films on Ti2AlC support for oxygen evolution reaction. Journal of Solid State Electrochemistry, 2021, 25, 351-363.	2.5	7
3	71st Annual Meeting of the International Society of Electrochemistry, Belgrade Online 2020 â€“ a great contribution from EAST European board members. Transactions of the Institute of Metal Finishing, 2021, 99, 53-54.	1.3	0
4	High-performance hydrogen evolution electrocatalysis using proton-intercalated TiO₂ nanotube arrays as interactive supports for Ir nanoparticles. Journal of Materials Chemistry A, 2020, 8, 22773-22790.	10.3	29
5	Ultra-thin layers of iridium electrodeposited on Ti2AlC support as cost effective catalysts for hydrogen production by water electrolysis. Journal of Electroanalytical Chemistry, 2020, 878, 114575.	3.8	9
6	Optimization of process of the honeycomb-like structure formation by the regime of reversing current (RC) in the second range. Journal of Solid State Electrochemistry, 2020, 24, 1615-1624.	2.5	4
7	Sub-monolayers of iridium electrodeposited on Ti2AlC substrate as catalysts for hydrogen evolution reaction in sulfuric acid solution. Materials Protection, 2020, 61, 181-191.	0.9	4
8	Synthesis and characterization of AgPd alloy coatings as beneficial catalysts for low temperature fuel cells application. Electrochimica Acta, 2019, 307, 360-368.	5.2	3
9	Dispersion effect in formic acid oxidation on PtAu/C nanocatalyst prepared by water-in-oil microemulsion method. Applied Catalysis B: Environmental, 2019, 243, 585-593.	20.2	37
10	Corrected accelerated service life test of electrodeposited NiSn alloys and Ni as cathodes for industrial alkaline water electrolysis. Journal of the Serbian Chemical Society, 2019, 84, 1271-1286.	0.8	2
11	Deposition of Pd nanoparticles on the walls of cathodically hydrogenated TiO2 nanotube arrays via galvanic displacement: A novel route to produce exceptionally active and durable composite electrocatalysts for cost-effective hydrogen evolution. Nano Energy, 2018, 47, 527-538.	16.0	32
12	Accelerated service life test of electrodeposited NiSn alloys as bifunctional catalysts for alkaline water electrolysis under industrial operating conditions. Journal of Electroanalytical Chemistry, 2018, 819, 16-25.	3.8	26
13	Electrodeposited AgPd alloy coatings as efficient catalysts for the ethanol oxidation reaction. International Journal of Hydrogen Energy, 2018, 43, 18498-18508.	7.1	12
14	Electrochemical deposition and characterization of AgPd alloy layers. Journal of the Serbian Chemical Society, 2018, 83, 593-609.	0.8	4
15	Spatio-temporal structures of electrodeposited indium based alloys. Materials Protection, 2018, 59, 237-242.	0.9	0
16	High surface area Pd nanocatalyst on core-shell tungsten based support as a beneficial catalyst for low temperature fuel cells application. Electrochimica Acta, 2017, 247, 674-684.	5.2	16
17	Platinum nanocatalysts on metal oxide based supports for low temperature fuel cell applications. RSC Advances, 2016, 6, 6788-6801.	3.6	71
18	Fe-Mo alloy coatings as cathodes in chlorate production process. Hemijska Industrija, 2016, 70, 81-89.	0.7	5

#	Article	IF	Citations
19	Pt nanoparticles on tin oxide based support as a beneficial catalyst for oxygen reduction in alkaline solutions. RSC Advances, 2015, 5, 15923-15929.	3.6	23
20	Synthesis and characterization of Pt nanocatalyst on Ru0.7Ti0.3O2 support as a cathode for fuel cells application. Journal of Electroanalytical Chemistry, 2015, 739, 164-171.	3.8	5
21	Synthesis and Characterization of Pt Catalysts on SnO₂Based Supports for Oxygen Reduction Reaction. Journal of the Electrochemical Society, 2013, 160, F1151-F1158.	2.9	27
22	Synthesis and characterization Pt nanocatalysts on tungsten based supports for oxygen reduction reaction. Applied Catalysis B: Environmental, 2012, 125, 390-397.	20.2	32
23	Pt supported on nano-tungsten carbide as a beneficial catalyst for the oxygen reduction reaction in alkaline solution. Electrochimica Acta, 2012, 69, 239-246.	5.2	56
24	Nbâ€“TiO2 supported platinum nanocatalyst for oxygen reduction reaction in alkaline solutions. Electrochimica Acta, 2011, 56, 9020-9026.	5.2	31
25	A novel platinum-based nanocatalyst at a niobia-doped titania support for the hydrogen oxidation reaction. Journal of the Serbian Chemical Society, 2011, 76, 1139-1152.	0.8	4
26	Synthesis, characterization and electrocatalytical behavior of Nbâ€“TiO2/Pt nanocatalyst for oxygen reduction reaction. Journal of Power Sources, 2010, 195, 3961-3968.	7.8	78
27	Effect of chemisorbed CO on MoOxâ€“Pt/C electrode on the kinetics of hydrogen oxidation reaction. International Journal of Hydrogen Energy, 2010, 35, 12878-12887.	7.1	19
28	Kinetic study of the hydrogen oxidation reaction on sub-stoichiometric titanium oxide-supported platinum electrocatalyst in acid solution. Journal of Power Sources, 2009, 193, 99-106.	7.8	13
29	Effect of chemisorbed carbon monoxide on Pt/C electrode on the mechanism of the hydrogen oxidation reaction. Electrochimica Acta, 2009, 54, 1375-1382.	5.2	33
30	Synthesis and characterization of MoOx-Pt/C and TiOx-Pt/C nano-catalysts for oxygen reduction. Electrochimica Acta, 2009, 54, 2404-2409.	5.2	77
31	Preparation and characterization TiOxâ€“Pt/C catalyst for hydrogen oxidation reaction. Physical Chemistry Chemical Physics, 2009, 11, 5192.	2.8	13
32	Pt/C doped by MoOx as the electrocatalyst for oxygen reduction and methanol oxidation. Journal of Power Sources, 2008, 175, 250-255.	7.8	62
33	Temperature dependence of the kinetics of oxygen reduction on carbon-supported pt nanoparticles. Journal of the Serbian Chemical Society, 2008, 73, 641-654.	0.8	10
34	Oxygen reduction at platinum nanoparticles supported on carbon cryogel in alkaline solution. Journal of the Serbian Chemical Society, 2007, 72, 699-708.	0.8	28
35	Specificity of the UPD of H to the structure of highly dispersed Pt on carbon support. International Journal of Hydrogen Energy, 2007, 32, 1991-1998.	7.1	13
36	Kinetics of the hydrogen evolution reaction on Feâ€“Mo film deposited on mild steel support in alkaline solution. Electrochimica Acta, 2005, 50, 5594-5601.	5.2	69

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37	Electrodeposition and characterization of Feâ€“Mo alloys as cathodes for hydrogen evolution in the process of chlorate production. Journal of the Serbian Chemical Society, 2005, 70, 879-889.	0.8	24