

Zoran JovanoviÄ

List of Publications by Year in descending order

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papers

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567281

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43
all docs

43
docs citations

43
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	What role does carbonized tannic acid play in energy storage composites?. Fuel, 2022, 312, 122930.	6.4	6
2	Electrochemical properties of composites of graphene-oxide and cobalt-ferrite doped with zink and gallium. Tehnika, 2022, 77, 155-162.	0.2	0
3	Mechanistic insights into ion-beam induced reduction of graphene oxide: An experimental and theoretical study. Radiation Physics and Chemistry, 2022, 199, 110355.	2.8	1
4	Epitaxial ferroelectric oxides on silicon with perspectives for future device applications. APL Materials, 2021, 9, .	5.1	23
5	Structural and electrochemical properties of carbon ion beam irradiated 12-tungstophosphoric acid. Radiation Physics and Chemistry, 2021, 183, 109422.	2.8	4
6	Self-limiting interactions in 2Dâ€œOD systems: A case study of graphene oxide and 12-tungstophosphoric acid nanocomposite. Carbon, 2020, 156, 166-178.	10.3	8
7	Strainâ€Engineered Metalâ€toâ€Insulator Transition and Orbital Polarization in Nickelate Superlattices Integrated on Silicon. Advanced Materials, 2020, 32, e2004995.	21.0	24
8	Simultaneous heteroepitaxial growth of SrO (001) and SrO (111) during strontium-assisted deoxidation of the Si (001) surface. RSC Advances, 2020, 10, 31261-31270.	3.6	1
9	Integration of Single Oriented Oxide Superlattices on Silicon Using Various Template Techniques. ACS Applied Materials & Interfaces, 2020, 12, 42925-42932.	8.0	8
10	Liquid crystal aligning using different approaches. Journal of Physics: Conference Series, 2020, 1560, 012040.	0.4	0
11	Hydrogen Absorption in Pdâ€Ag Systems: A TPD and Electrical Resistivity Study. Materials, 2019, 12, 3160.	2.9	1
12	Tailoring the electrochemical charge storage properties of carbonaceous support by redox properties of heteropoly acids: where does the synergy come from?. Journal of Solid State Electrochemistry, 2019, 23, 2747-2758.	2.5	3
13	In situ synthesis of potassium tungstophosphate supported on BEA zeolite and perspective application for pesticide removal. Journal of Environmental Sciences, 2019, 81, 136-147.	6.1	16
14	Analysis of surface oxygen groups of thermally reduced graphene oxide via temperature programmed desorption method. Tehnika, 2018, 73, 186-191.	0.2	0
15	Effect of thermal treatment on the charge storage properties of graphene oxide/12-tungstophosphoric acid nanocomposite. Electrochemistry Communications, 2017, 83, 36-40.	4.7	16
16	The role of surface chemistry in the charge storage properties of graphene oxide. Electrochimica Acta, 2017, 258, 1228-1243.	5.2	39
17	Control of SrO buffer-layer formation on Si(001) using the pulsed-laser deposition technique. RSC Advances, 2016, 6, 82150-82156.	3.6	7
18	Silicon Surface Deoxidation Using Strontium Oxide Deposited with the Pulsed Laser Deposition Technique. ACS Applied Materials & Interfaces, 2014, 6, 18205-18214.	8.0	15

#	ARTICLE	IF	CITATIONS
19	Boron ion irradiation induced structural and surface modification of glassy carbon. Nuclear Instruments & Methods in Physics Research B, 2013, 316, 17-21.	1.4	2
20	Platinum-mediated healing of defective graphene produced by irradiating glassy carbon with a hydrogen ion-beam. Materials Chemistry and Physics, 2013, 141, 27-34.	4.0	11
21	Influence of vacant CeO ₂ nanostructured ceramics on MgH ₂ hydrogen desorption properties. Ceramics International, 2012, 38, 1181-1186.	4.8	37
22	Pd-Ag hydrogen content and electrical resistivity: Temperature and pressure effect. International Journal of Hydrogen Energy, 2012, 37, 7925-7933.	7.1	12
23	Glassy carbon and boron doped glassy carbon electrodes for voltammetric determination of linuron herbicide in the selected samples. Open Chemistry, 2012, 10, 1271-1279.	1.9	6
24	The evolution of hydrogen from proton irradiated glassy carbon. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2578-2583.	1.4	3
25	Optical and dielectric properties of fluorinated ethylene propylene and tetrafluoroethylene-perfluoro(alkoxy vinyl ether) copolymer films modified by low energy N ₄ ⁺ and C ₄ ⁺ ion beams. Radiation Physics and Chemistry, 2011, 80, 1378-1385.	2.8	27
26	Platinum deposition from hydrogen-ion beam irradiated solid precursor. Materials Letters, 2011, 65, 2655-2657.	2.6	1
27	Influence of surface activation on the hydrogen permeation properties of PdAg cathode membrane. International Journal of Hydrogen Energy, 2011, 36, 15364-15371.	7.1	10
28	The effect of boron incorporation on the structure and properties of glassy carbon. Carbon, 2011, 49, 2671-2678.	10.3	30
29	Modification of glassy carbon properties under low energy proton irradiation. Carbon, 2011, 49, 3737-3746.	10.3	9
30	Changes of hydrogen storage properties of MgH ₂ induced by boron ion irradiation. International Journal of Hydrogen Energy, 2011, 36, 1184-1189.	7.1	37
31	Hydrogen storage properties of MgH ₂ mechanically milled with $\hat{1}\pm$ and $\hat{1}^2$ SiC. International Journal of Hydrogen Energy, 2011, 36, 549-554.	7.1	31
32	Pd-Ag hydrogen diffusion cathode for alkaline water electrolyzers. International Journal of Hydrogen Energy, 2011, 36, 5211-5217.	7.1	14
33	Structural modification of PdAg alloy induced by electrolytic hydrogen absorption. International Journal of Hydrogen Energy, 2011, 36, 7728-7736.	7.1	14
34	Effect of N ₄ ⁺ and C ₄ ⁺ ion beam bombardment on the optical and structural characteristics of ethylene-norbornene copolymer (TOPAS). Nuclear Instruments & Methods in Physics Research B, 2011, 269, 708-715.	1.4	15
35	The effect of bowl-in-piston geometry layout on fluid flow pattern. Thermal Science, 2011, 15, 817-832.	1.1	9
36	Characterization of surface oxygen groups on different carbon materials by the Boehm method and temperature programmed desorption. Journal of the Serbian Chemical Society, 2011, 76, 757-768.	0.8	60

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37	Carbon Monolith Surface Chemistry Influence on the Silver Deposit Amount and Crystallite Size. Acta Physica Polonica A, 2011, 120, 284-288.	0.5	1
38	Characterization of potassium salts of 12-tungstophosphoric acid. Materials Research Bulletin, 2010, 45, 1679-1684.	5.2	59
39	Changes of structural and hydrogen desorption properties of MgH ₂ induced by ion irradiation. Hemijska Industrija, 2010, 64, 227-232.	0.7	0
40	Influence of diatomite microstructure on its adsorption capacity for Pb(II). Science of Sintering, 2009, 41, 309-317.	1.4	43
41	Silver deposition on chemically treated carbon monolith. Hemijska Industrija, 2009, 63, 195-200.	0.7	0
42	The effect of combustion chamber geometry layout on combustion and emission. Thermal Science, 2008, 12, 7-24.	1.1	12
43	A quick, simplified approach to the evaluation of combustion rate from an internal combustion engine indicator diagram. Thermal Science, 2008, 12, 85-102.	1.1	10