

Nikola Cvjetičanin

List of Publications by Year in descending order

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47
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1,028
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430874

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docs citations

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times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic memory effect in hollandite-type $\hat{\pm}$ -K MnO ₂ monocrystalline nanorods. Journal of Alloys and Compounds, 2020, 820, 153406.	5.5	3
2	Performance of Au/Ti and Au/TiO ₂ Nanotube Array Electrodes for Borohydride Oxidation and Oxygen Reduction Reaction in Alkaline Media. Electroanalysis, 2020, 32, 1867-1874.	2.9	4
3	Electrochemical study of anatase TiO ₂ nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. Ionics, 2019, 25, 5501-5513.	2.4	4
4	Magnetic and power absorption measurements on iron oxide nanoparticles synthesized by thermal decomposition of Fe(acac) ₃ . Journal of Magnetism and Magnetic Materials, 2018, 449, 286-296.	2.3	54
5	12-phosphotungstic Acid Supported on BEA Zeolite Composite with Carbonized Polyaniline for Electroanalytical Sensing of Phenols in Environmental Samples. Journal of the Electrochemical Society, 2018, 165, H1013-H1020.	2.9	11
6	Facile Preparation and High Activity of TiO ₂ Nanotube Arrays toward Oxygen Reduction in Alkaline Media. Journal of the Electrochemical Society, 2018, 165, J3253-J3258.	2.9	5
7	NiA and NiX zeolites as bifunctional electrocatalysts for water splitting in alkaline media. International Journal of Hydrogen Energy, 2018, 43, 18977-18991.	7.1	15
8	Insertion of lithium ion in anatase TiO ₂ nanotube arrays of different morphology. Journal of Alloys and Compounds, 2017, 712, 90-96.	5.5	11
9	Influence of annealing treatment on magnetic properties of Fe ₂ O ₃ /SiO ₂ and formation of $\hat{\mu}$ -Fe ₂ O ₃ phase. Ceramics International, 2017, 43, 3147-3155.	4.8	38
10	Physicochemical and electrochemical characterisation of imidazolium based IL + GBL mixtures as electrolytes for lithium-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 28139-28152.	2.8	10
11	Vibrational and electron paramagnetic resonance spectroscopic studies of $\hat{2}$ -MnO ₂ and $\hat{\pm}$ -K MnO ₂ nanorods. Journal of Alloys and Compounds, 2017, 728, 259-270.	5.5	18
12	Electrical, electrochemical and thermal properties of the ionic liquid + lactone binary mixtures as the potential electrolytes for lithium-ion batteries. Journal of Molecular Liquids, 2017, 243, 52-60.	4.9	16
13	The influence of fluorine doping on the structural and electrical properties of the LiFePO ₄ powder. Ceramics International, 2017, 43, 3224-3230.	4.8	18
14	Electrochemical Performance of Anatase TiO ₂ Nanotube Arrays Electrode in Ionic Liquid Based Electrolyte for Lithium Ion Batteries. Journal of the Electrochemical Society, 2017, 164, H5100-H5107.	2.9	15
15	Structural and magnetic properties of hydrothermally synthesized $\hat{2}$ -MnO ₂ and $\hat{\pm}$ -K MnO ₂ nanorods. Journal of Alloys and Compounds, 2016, 665, 261-270.	5.5	24
16	The use of various dicarboxylic acids as a carbon source for the preparation of LiFePO ₄ /C composite. Ceramics International, 2015, 41, 6753-6758.	4.8	14
17	High performance of solvothermally prepared VO ₂ (B) as anode for aqueous rechargeable lithium batteries. Journal of the Serbian Chemical Society, 2015, 80, 685-694.	0.8	8
18	Synthesis of hematite and iron oxyhydroxide nanocrystals by precipitation of Fe ³⁺ ions inside oleic acid micelles. Ceramics International, 2013, 39, 5659-5665.	4.8	9

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19	The LiFe(1~)V PO4/C composite synthesized by gel-combustion method, with improved rate capability and cycle life in aerated aqueous solutions. <i>Electrochimica Acta</i> , 2013, 109, 835-842.	5.2	23
20	Influence of VO2 nanostructured ceramics on hydrogen desorption properties from magnesium hydride. <i>Ceramics International</i> , 2013, 39, 51-56.	4.8	25
21	Crystal structure analysis and first principle investigation of F doping in LiFePO4. <i>Journal of Power Sources</i> , 2013, 241, 70-79.	7.8	42
22	Gel-combustion synthesis of LiFePO4/C composite with improved capacity retention in aerated aqueous electrolyte solution. <i>Electrochimica Acta</i> , 2013, 92, 248-256.	5.2	87
23	Hydrothermal synthesis of Li4Ti5O12/C nanostructured composites: Morphology and electrochemical performance. <i>Materials Research Bulletin</i> , 2013, 48, 218-223.	5.2	24
24	Nanostructured materials for sensing Pb(II) and Cd(II) ions: Manganese oxohydroxide versus carbonized polyanilines?. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1717-1727.	0.8	8
25	Influence of dimensionality on phase transition in VO2 nanocrystals. <i>Science of Sintering</i> , 2013, 45, 305-311.	1.4	6
26	The simple one-step solvothermal synthesis of nanostructured VO2(B). <i>Ceramics International</i> , 2012, 38, 2313-2317.	4.8	27
27	Rapid crystallization of LiFePO4 particles by facile emulsion-mediated solvothermal synthesis. <i>Powder Technology</i> , 2012, 219, 128-134.	4.2	11
28	Preparation of LiFePO4/C composites by co-precipitation in molten stearic acid. <i>Journal of Power Sources</i> , 2011, 196, 4613-4618.	7.8	32
29	Electrochemical properties of nanostructured Li1.2V3O8 in aqueous LiNO3 solution. <i>Electrochimica Acta</i> , 2011, 56, 6469-6473.	5.2	13
30	Electrochemical behavior of nanostructured MnO2/C (Vulcan®) composite in aqueous electrolyte LiNO3. <i>Hemjska Industrija</i> , 2011, 65, 287-293.	0.7	1
31	The improvement of the Li-ion insertion behaviour of Li1.05Cr0.10Mn1.85O4 in an aqueous medium upon addition of vinylene carbonate. <i>Electrochemistry Communications</i> , 2010, 12, 371-373.	4.7	63
32	The influence of the heat treatment on the structural and magnetic properties of nanoparticle La0.7Ca0.3MnO3 prepared by glycine-nitrate method. <i>Journal of Alloys and Compounds</i> , 2010, 494, 52-57.	5.5	33
33	Electrochemical behaviour of V2O5 xerogel in aqueous LiNO3 solution. <i>Electrochemistry Communications</i> , 2009, 11, 1512-1514.	4.7	50
34	Ground-state magnetism of chromium-substituted LiMn2O4 spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 943-949.	2.3	2
35	Synthesis and characterization of LiFePO4/C composite obtained by sonochemical method. <i>Solid State Ionics</i> , 2008, 179, 415-419.	2.7	38
36	Preparation and properties of BaTi1~xSnxO3 multilayered ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 505-509.	5.7	81

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37	Structural and magnetic characterization of $\text{LiMn}_{1.825}\text{Cr}_{0.175}\text{O}_4$ spinel obtained by ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2007, 42, 515-522.	5.2	8
38	Cyclic voltammetry of $\text{LiCr}_{0.15}\text{Mn}_{1.85}\text{O}_4$ in an aqueous LiNO_3 solution. <i>Journal of Power Sources</i> , 2007, 174, 1117-1120.	7.8	28
39	Rapid synthesis of $\text{LiCr}_{0.15}\text{Mn}_{1.85}\text{O}_4$ by glycine-nitrate method. <i>Solid State Ionics</i> , 2006, 177, 847-850.	2.7	11
40	Electrochemical polymerization of 2-methyl-1-naphthylamine. <i>Polymer Bulletin</i> , 2003, 50, 319-326.	3.3	7
41	Electrochemical Synthesis and Structure of Poly(2-methyl-1-naphthylamine) Films. <i>Spectroscopy Letters</i> , 2003, 36, 151-165.	1.0	9
42	Temperature effect on graphite KS44. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 119-130.	0.8	4
43	Raman spectroscopic study of lithium and sodium perchlorate association in propylene carbonate-water mixed solvents. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 871-876.	2.5	8
44	Synthesis and characterization of CdS quantum dots-polystyrene composite. <i>Chemical Physics Letters</i> , 2000, 329, 168-172.	2.6	60
45	Conductivity, viscosity and IR spectra of Li, Na and Mg perchlorate solutions in propylene carbonate/water mixed solvents. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 5157-5161.	2.8	25
46	A study on the kinetics and mechanism of silver-cluster formation in zeolite Ag^+/X by diffuse reflectance spectroscopy. <i>Zeolites</i> , 1994, 14, 35-41.	0.5	11
47	Electric conductivity of Na and Ag forms of A and X zeolites. The effect of cluster formation on the conductivity. <i>Solid State Ionics</i> , 1991, 47, 111-115.	2.7	14