

Dragana Jugovic

List of Publications by Year in descending order

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29
papers

600
citations

933447

10
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of recent developments in the synthesis procedures of lithium iron phosphate powders. <i>Journal of Power Sources</i> , 2009, 190, 538-544.	7.8	303
2	Crystal structure analysis and first principle investigation of F doping in LiFePO ₄ . <i>Journal of Power Sources</i> , 2013, 241, 70-79.	7.8	42
3	Synthesis and characterization of LiFePO ₄ /C composite obtained by sonochemical method. <i>Solid State Ionics</i> , 2008, 179, 415-419.	2.7	38
4	Preparation of LiFePO ₄ /C composites by co-precipitation in molten stearic acid. <i>Journal of Power Sources</i> , 2011, 196, 4613-4618.	7.8	32
5	The LiFe(1-x)V PO ₄ /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
6	The influence of fluorine doping on the structural and electrical properties of the LiFePO ₄ powder. <i>Ceramics International</i> , 2017, 43, 3224-3230.	4.8	18
7	NiA and NiX zeolites as bifunctional electrocatalysts for water splitting in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 18977-18991.	7.1	15
8	The use of various dicarboxylic acids as a carbon source for the preparation of LiFePO ₄ /C composite. <i>Ceramics International</i> , 2015, 41, 6753-6758.	4.8	14
9	Effects of fluorination on the structure, magnetic and electrochemical properties of the P2-type NaxCoO ₂ powder. <i>Journal of Alloys and Compounds</i> , 2019, 774, 30-37.	5.5	14
10	Rapid synthesis of LiCr _{0.15} Mn _{1.85} O ₄ by glycine-nitrate method. <i>Solid State Ionics</i> , 2006, 177, 847-850.	2.7	11
11	Rapid crystallization of LiFePO ₄ particles by facile emulsion-mediated solvothermal synthesis. <i>Powder Technology</i> , 2012, 219, 128-134.	4.2	11
12	Insertion of lithium ion in anatase TiO ₂ nanotube arrays of different morphology. <i>Journal of Alloys and Compounds</i> , 2017, 712, 90-96.	5.5	11
13	Structural study of monoclinic Li ₂ FeSiO ₄ by X-ray diffraction and Mössbauer spectroscopy. <i>Journal of Power Sources</i> , 2014, 265, 75-80.	7.8	10
14	Structural and magnetic characterization of LiMn _{1.825} Cr _{0.175} O ₄ spinel obtained by ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2007, 42, 515-522.	5.2	8
15	Properties of quenched LiFePO ₄ /C powder obtained via cellulose matrix-assisted method. <i>Powder Technology</i> , 2013, 246, 539-544.	4.2	8
16	The influence of synthesis conditions on the redox behaviour of LiFePO ₄ in aqueous solution. <i>Journal of Alloys and Compounds</i> , 2019, 776, 475-485.	5.5	8
17	Structural and magnetic properties of mechanochemically synthesized nanocrystalline titanium monoxide. <i>Hemijrska Industrija</i> , 2012, 66, 181-186.	0.7	7
18	Comparison between Different LiFePO ₄ ; Synthesis Routes. <i>Materials Science Forum</i> , 2007, 555, 225-230.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Microsized fayalite Fe ₂ SiO ₄ as anode material: the structure, electrochemical properties and working mechanism. <i>Journal of Electroceramics</i> , 2021, 47, 31-41.	2.0	5
20	Structural and electrochemical properties of the Li ₂ FeP ₂ O ₇ /C composite prepared using soluble methylcellulose. <i>Journal of Alloys and Compounds</i> , 2019, 786, 912-919.	5.5	4
21	NANOSTRUCTURED ZrO ₂ POWDER SYNTHESIZED BY ULTRASONIC SPRAY PYROLYSIS. <i>Surface Review and Letters</i> , 2007, 14, 915-919.	1.1	3
22	The use of methylcellulose for the synthesis of Li ₂ FeSiO ₄ /C composites. <i>Cellulose</i> , 2016, 23, 239-246.	4.9	3
23	Ground-state magnetism of chromium-substituted LiMn ₂ O ₄ spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 943-949.	2.3	2
24	On the presence of antisite defect in monoclinic Li ₂ FeSiO ₄ – A combined X-Ray diffraction and DFT study. <i>Solid State Sciences</i> , 2019, 87, 81-86.	3.2	2
25	From molecules to nanoparticles to functional materials. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1383-1403.	0.8	2
26	Structural and magnetic properties of mechanochemically synthesized nanosized yttrium titanate. <i>Hemijaska Industrija</i> , 2012, 66, 309-315.	0.7	1
27	Synthesis and characterization of LiFePo ₄ /C cathode material by freeze drying method with PVP. <i>Tehnika</i> , 2014, 69, 373-376.	0.2	0
28	Synthesis of Li ₂ FeSiO ₄ /C composite by sol-gel citric acid assisted method. <i>Tehnika</i> , 2016, 71, 181-184.	0.2	0
29	Molecular designing of nanoparticles and functional materials. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 607-625.	0.8	0