

Victor M Chernyshev

List of Publications by Year in descending order

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18
papers

349
citations

840776

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h-index

888059

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all docs

18
docs citations

18
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Utilization of Biomass Refinery Wastes for Accessing Activated Carbons and Supercapacitor Electrode Materials. <i>ChemSusChem</i> , 2018, 11, 3599-3608.	6.8	70
2	Electrochemical dispergation as a simple and effective technique toward preparation of NiO based nanocomposite for supercapacitor application. <i>Electrochimica Acta</i> , 2013, 114, 356-362.	5.2	42
3	Electrochemical dispersion technique for preparation of hybrid MO x â€“C supports and Pt/MO x â€“C electrocatalysts for low-temperature fuel cells. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 1245-1260.	2.9	35
4	Furan monomers and polymers from renewable plant biomass. <i>Russian Chemical Reviews</i> , 2021, 90, 750-784.	6.5	35
5	Selective Synthesis of 2,5â€“Diformylfuran by Sustainable 4â€“acetamidoâ€“TEMPO/Halogenâ€“Mediated Electrooxidation of 5â€“Hydroxymethylfurfural. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2578-2585.	3.3	28
6	Characterization of the electrocatalytic activity of carbon-supported platinum-based catalysts by thermal gravimetric analysis. <i>Mendeleev Communications</i> , 2015, 25, 468-469.	1.6	21
7	Electrochemical dispersion method for the synthesis of SnO2 as anode material for lithium ion batteries. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 527-538.	2.9	21
8	A TEMPO-like nitroxide combined with an alkyl-substituted pyridine: An efficient catalytic system for the selective oxidation of alcohols with iodine. <i>Tetrahedron Letters</i> , 2017, 58, 3517-3521.	1.4	20
9	Structural and electrocatalytic properties of Pt/C and Pt-Ni/C catalysts prepared by electrochemical dispersion. <i>Kinetics and Catalysis</i> , 2013, 54, 255-262.	1.0	18
10	Synthesis of Co3O4/CoOOH via electrochemical dispersion using a pulse alternating current method for lithium-ion batteries and supercapacitors. <i>Solid State Sciences</i> , 2018, 86, 53-59.	3.2	12
11	Base-free aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid over Pt/C catalysts synthesized by pulse alternating current technique. <i>Mendeleev Communications</i> , 2018, 28, 431-433.	1.6	11
12	Non-Isothermal Decomposition as Efficient and Simple Synthesis Method of NiO/C Nanoparticles for Asymmetric Supercapacitors. <i>Nanomaterials</i> , 2021, 11, 187.	4.1	11
13	One step simultaneous electrochemical synthesis of NiO/multilayer graphene nanocomposite as an electrode material for high performance supercapacitors. <i>Mendeleev Communications</i> , 2021, 31, 160-162.	1.6	10
14	On the mechanism of electrochemical dispersion of platinum under the action of alternating current. <i>Russian Chemical Bulletin</i> , 2015, 64, 2769-2775.	1.5	4
15	Interaction between NiOx and MWÐ¿NT in NiOx/MWÐ¿NTs composite: XANES and XPS study. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 220, 76-80.	1.7	4
16	New Bioâ€“Based Furanic Materials Effectively Absorb Metals from Water and Exert Antimicrobial Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 3382-3396.	3.3	4
17	PAC Synthesis and Comparison of Catalysts for Direct Ethanol Fuel Cells. <i>Processes</i> , 2020, 8, 712.	2.8	3
18	Stabilization of wines with polymers and new bio-based carbon materials. <i>BIO Web of Conferences</i> , 2021, 34, 06014.	0.2	0