

Zoran MandiÄ

List of Publications by Year in descending order

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25
papers

595
citations

759233

12
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-dimer distribution in the electrochemical synthesis of polyaniline. <i>Electrochimica Acta</i> , 1995, 40, 1681-1688.	5.2	102
2	The influence of counter-ions on nucleation and growth of electrochemically synthesized polyaniline film. <i>Electrochimica Acta</i> , 1997, 42, 1389-1402.	5.2	96
3	Polyaniline as cathodic material for electrochemical energy sources. <i>Electrochimica Acta</i> , 2009, 54, 2941-2950.	5.2	80
4	Ionization, lipophilicity and solubility properties of repaglinide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 866-871.	2.8	69
5	The mechanism and kinetics of the electrochemical cleavage of azo bond of 2-hydroxy-5-sulfophenyl-azo-benzoic acids. <i>Electrochimica Acta</i> , 2004, 49, 607-615.	5.2	36
6	Electrochemical oxidation of azithromycin and its derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 647-654.	2.8	35
7	In Situ and Ex Situ Studies of Imidazole and Its Derivatives as Copper Corrosion Inhibitors. II. AC Impedance, XPS, and SIMS Studies. <i>Journal of the Electrochemical Society</i> , 2000, 147, 991.	2.9	33
8	New insights into the mechanism of pseudocapacitance deterioration in electrodeposited MnO ₂ under negative potentials. <i>Journal of Power Sources</i> , 2013, 240, 252-257.	7.8	25
9	Preparation and characterization of RuO ₂ /polyaniline composite electrodes. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 2021-2026.	2.5	23
10	Voltammetric studies of 2-hydroxy-5-[(4-sulfophenyl)azo]benzoic acid as a novel prodrug of 5-aminosalicylic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 987-994.	2.8	17
11	Mass changes accompanying the pseudocapacitance of hydrous RuO ₂ under different experimental conditions. <i>Electrochimica Acta</i> , 2011, 56, 3543-3548.	5.2	15
12	Ion dynamics in the pseudocapacitive reaction of hydrous ruthenium oxide. Effect of the temperature pre-treatment. <i>Journal of Power Sources</i> , 2011, 196, 4849-4858.	7.8	14
13	New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. <i>Journal of Materials Science</i> , 2018, 53, 15285-15297.	3.7	10
14	Composite layers consisting of polyaniline and poly(o-phenylenediamine): Electrochemical deposition, electrochromic and electrocatalytic properties. <i>Polymer Science - Series B</i> , 2010, 52, 431-437.	0.8	6
15	Preparation and characterization of RuO ₂ /polyaniline/polymer binder composite electrodes for supercapacitor application. <i>Journal of Electrochemical Science and Engineering</i> , 2012, , .	3.5	6
16	Anodic deposition of lead dioxide at Nafion [®] covered gold electrode. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 3053-3059.	2.5	6
17	Effects of the composition of active carbon electrodes on the impedance performance of the AC/AC supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 591-605.	2.5	6
18	On the need for simultaneous electrochemical testing of positive and negative electrodes in carbon supercapacitors. <i>Electrochimica Acta</i> , 2021, 384, 138372.	5.2	5

#	ARTICLE	IF	CITATIONS
19	Single and multi-frequency impedance characterization of symmetric activated carbon single capacitor cells. <i>Journal of Electrochemical Science and Engineering</i> , 2018, 8, 183-195.	3.5	5
20	Electrochemical reduction of desmycosin, structure investigation and antibacterial evaluation of the resulting products. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 18, 323-328.	4.0	3
21	Electrochemical reduction of 4â€²-demicarosyl-10-hydro-11-dehydro-11-hydroxyimino-9-carbonyl-9-nor-8a,9seco-8a-aza-8a-homorelomycin, the novel seco compound from the class of tylosin. <i>Electrochemistry Communications</i> , 2005, 7, 45-48.	4.7	2
22	Some factors influencing power and energy capabilities of RuO2 supercapacitors. <i>Acta Chimica Slovenica</i> , 2014, 61, 272-9.	0.6	1
23	Editorial, IAPC-5 Special Issue. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 1.	4.0	0
24	Special issue devoted to the 6th IAPC Meeting: joint events comprising 6th World conference on physico-chemical methods in drug discovery and development and 3rd World conference on ADMET and DMPK. <i>ADMET and DMPK</i> , 2018, 6, 1.	2.1	0
25	Joint event: 7th Regional Symposium on Electrochemistry - South East Europe (RSEâ€“SEE 7) and 8th Kurt Schwabe Symposium - Editorial. <i>Journal of Electrochemical Science and Engineering</i> , 2020, 10, 55.	3.5	0