

Carlos Borrás

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

394
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behavior of phenol in alkaline media at hydrotalcite-like clay/anionic surfactants/glassy carbon modified electrode. <i>Electrochimica Acta</i> , 2006, 52, 872-884.	5.2	88
2	Characterization of surfactant/hydrotalcite-like clay/glassy carbon modified electrodes: Oxidation of phenol. <i>Analytica Chimica Acta</i> , 2007, 597, 245-256.	5.4	40
3	Horseradish peroxidase modified electrode based on a film of Co-Al layered double hydroxide modified with sodium dodecylbenzenesulfonate for determination of 2-chlorophenol. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 625-632.	7.8	38
4	Photocatalysis and photoelectrochemical glucose oxidation on Bi ₂ WO ₆ : Conditions for the concomitant H ₂ production. <i>Renewable Energy</i> , 2020, 152, 974-983.	8.9	36
5	Electroreduction of chloroacetic acids (mono-, di- and tri-) at polyNi(II)-tetrasulfonated phthalocyanine gold modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 103-110.	7.8	33
6	Characterization of a carbon paste electrode modified with tripolyphosphate-modified kaolinite clay for the detection of lead. <i>Talanta</i> , 2011, 85, 1357-1363.	5.5	33
7	Electrochemical oxidation of dichlorvos on SnO ₂ Sb ₂ O ₅ electrodes. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 107-111.	20.2	29
8	Electrochemical oxygen transfer reactions: electrode materials, surface processes, kinetic models, linear free energy correlations, and perspectives. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 875-893.	2.5	28
9	A rotating disk study of the photocatalytic oxidation of p-nitrophenol on phosphorus-modified TiO ₂ photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2015, 166-167, 529-534.	20.2	22
10	Kinetics of surface reactions on rotating disk electrodes. <i>Electrochimica Acta</i> , 2012, 80, 326-333.	5.2	19
11	Kinetic study of the electrochemical mineralization of phenols in thin-layer condition. <i>Electrochimica Acta</i> , 2010, 55, 6501-6506.	5.2	12
12	Measurement of phenols dearomatization via electrolysis: The UV-Vis solid phase extraction method. <i>Water Research</i> , 2010, 44, 911-917.	11.3	12
13	Characterization of Kaolin Glassy Carbon Modified Electrodes: Preconcentration of Chlorophenol. <i>Electroanalysis</i> , 2009, 21, 1354-1362.	2.9	3
14	On the Initial Stages of Electrooxidation of Aqueous Maleic Acid on Bi-Doped PbO ₂ . <i>Electroanalysis</i> , 2007, 19, 1628-1634.	2.9	1