Matei Raicopol

List of Publications by Year
in descending order

15	219	933264 10	1125617 13
papers	citations	h-index	g-index

15	15	15	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functionalized single-walled carbon nanotubes/polypyrrole composites for amperometric glucose biosensors. Nanoscale Research Letters, 2013, 8, 316.	3.1	50
2	Post-Polymerization Electrochemical Functionalization of a Conducting Polymer: Diazonium Salt Electroreduction at Polypyrrole Electrodes. Journal of the Electrochemical Society, 2014, 161, G103-G113.	1.3	28
3	Electrochemical reduction of aryl diazonium salts: a versatile way for carbon nanotubes functionalisation. Surface and Interface Analysis, 2012, 44, 1081-1085.	0.8	22
4	Phenolated Oleic Acid Based Polybenzoxazine Derivatives as Corrosion Protection Layers. ChemPlusChem, 2015, 80, 1170-1177.	1.3	19
5	Polyaniline/carbon nanotube composite films electrosynthesis through diazonium salts electroreduction and electrochemical polymerization. Surface and Interface Analysis, 2012, 44, 1198-1202.	0.8	18
6	Vegetable oil-based polybenzoxazine derivatives coatings on Znâ€“Mgâ€“Al alloy coated steel. Corrosion Science, 2015, 100, 386-395.	3.0	18
7	Supercapacitance of Single-Walled Carbon Nanotubes-Polypyrrole Composites. Journal of Chemistry, 2013, 2013, 1-7.	0.9	13
8	Synthesis and physico-chemical properties of highly conjugated azo-aromatic systems. 4-(azulen-1-yl)-pyridines with mono- and bis azo-aromatic moieties at C3-position of azulene. Dyes and Pigments, 2011, 91, 55-61.	2.0	12
9	Synthesis of conducting azopolymers by electrochemical grafting of a diazonium salt at polypyrrole electrodes. Synthetic Metals, 2015, 206, 84-91.	2.1	12
10	Synthesis, solid-state photophysical properties and electropolymerization of novel diazulenyl ethenes. Tetrahedron Letters, 2012, 53, 2611-2614.	0.7	11
11	The Role of Aryldiazonium Chemistry in Designing Electrochemical Aptasensors for the Detection of Food Contaminants. Materials, 2021, 14, 3857.	1.3	8
12	Role of dopants on the electro-optic effect in nematic liquid crystals aligned with doped polypyrrole. Journal of Applied Physics, 2011, 109, 124905.	1.1	2
13	Fabrication of Polyaniline/Carbon Nanotubes Composites Using Carbon Nanotubes Films Obtained by Electrophoretic Deposition. Key Engineering Materials, 0, 507, 113-117.	0.4	2
14	Electrochemical Functionalization of Single-Walled Carbon Nanotubes Films Obtained by Electrophoretic Deposition. Key Engineering Materials, 2012, 507, 107-111.	0.4	2
15	Electrochemical DNA Biosensors Based on Carbon Nanomaterials. , 2021, , 209-247.		2