

Yinghong Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,104
citations

623188

14
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

1876
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach to fabricate graphene nanosheets in organic medium: combination of reduction and dispersion. <i>Journal of Materials Chemistry</i> , 2010, 20, 1722.	6.7	225
2	Nanocomposites: From Fabrications to Electrochemical Bioapplications. <i>Electroanalysis</i> , 2008, 20, 648-662.	1.5	144
3	Electrochemical polymerization of poly(hydroxymethylated-3,4-ethylenedioxythiophene) (PEDOT-MeOH) on multichannel neural probes. <i>Sensors and Actuators B: Chemical</i> , 2004, 99, 437-443.	4.0	125
4	Incorporation of collagen in poly(3,4-ethylenedioxythiophene) for a bifunctional film with high bio- and electrochemical activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 766-772.	2.1	80
5	Surface Modification of Neural Probes With Conducting Polymer Poly(hydroxymethylated-3,4-ethylenedioxythiophene) (PEDOT-MeOH). <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 117-130.	1.4	77
6	Highly sensitive and selective method to detect dopamine in the presence of ascorbic acid by a new polymeric composite film. <i>Analytical Biochemistry</i> , 2007, 371, 229-237.	1.1	73
7	Electro-synthesized PEDOT/glutamate chemically modified electrode: a combination of electrical and biocompatible features. <i>Polymer International</i> , 2008, 57, 750-755.	1.6	71
8	Hydroxypropyl- β -cyclodextrin-graphene oxide conjugates: Carriers for anti-cancer drugs. <i>Materials Science and Engineering C</i> , 2016, 61, 681-687.	3.8	49
9	Electroactive SWNT/PEGDA hybrid hydrogel coating for bio-electrode interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 273-279.	2.5	45
10	Electrochemical impedance characterization of antibody-antigen interaction with signal amplification based on polypyrrole-streptavidin. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3161-3166.	5.3	38
11	New carbon nanotube-conducting polymer composite electrodes for drug delivery applications. <i>Polymer International</i> , 2012, 61, 190-196.	1.6	35
12	Preparation of nano-tentacle polypyrrole with pseudo-molecular template for ATP incorporation. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 925-931.	2.1	31
13	A carboxylated graphene and aptamer nanocomposite-based aptasensor for sensitive and specific detection of hemin. <i>Talanta</i> , 2015, 132, 215-221.	2.9	31
14	Synthesis and characterization of p-toluenesulfonate incorporated poly(3,4-ethylenedioxythiophene). <i>Talanta</i> , 2007, 72, 532-538.	2.9	29
15	Topographic guidance based on microgrooved electroactive composite films for neural interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 768-776.	2.5	15
16	Electrospun Poly(ϵ -Caprolactone)/Silk Fibroin Coaxial Core-Sheath Nanofibers Applied to Scaffolds and Drug Carriers. <i>Polymer Engineering and Science</i> , 2020, 60, 802-809.	1.5	15
17	A feasible way for the fabrication of single walled carbon nanotube/polypyrrole composite film with controlled pore size for neural interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 138-145.	2.5	10
18	Surface structure, grafted chain length, and dispersion analysis of PBT prepolymer grafted nano-silica. <i>Journal of Materials Science</i> , 2007, 42, 4967-4975.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Application of Al ₂ O ₃ in the electrosynthesis of polypyrrole with fuzzy morphology "Microtentacle. Polymers for Advanced Technologies, 2007, 18, 569-573.	1.6	3
20	Nitrogen-doped graphene combined with bioactive conducting polymer: An ideal platform for neural interface. Polymer Engineering and Science, 2018, 58, 1548-1554.	1.5	0