Xiaoqing Jiang

List of Publications by Year in descending order

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		304701	233409
56	2,043	22	45
papers	citations	h-index	g-index

62	62	62	3337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From graphite to graphene: direct liquid-phase exfoliation of graphite to produce single- and few-layered pristine graphene. Journal of Materials Chemistry A, 2013, 1, 10592.	10.3	255
2	Determination of ascorbic acid, dopamine, and uric acid by a novel electrochemical sensor based on pristine graphene. Electrochimica Acta, 2015, 161, 395-402.	5.2	228
3	Palladium-Catalyzed Highly Selective ortho-Halogenation (I, Br, Cl) of Arylnitriles via sp² Câ€“H Bond Activation Using Cyano as Directing Group. Journal of Organic Chemistry, 2013, 78, 2786-2791.	3.2	115
4	Organic salt-assisted liquid-phase exfoliation of graphite to produce high-quality graphene. Chemical Physics Letters, 2013, 568-569, 198-201.	2.6	108
5	A facile preparation of palladium nanoparticles supported on magnetite/s-graphene and their catalytic application in Suzukiâ€“Miyaura reaction. Catalysis Science and Technology, 2012, 2, 2332.	4.1	99
6	Synthesis of Biphenyl-2-carbonitrile Derivatives via a Palladium-Catalyzed sp2Câˆ’H Bond Activation Using Cyano as a Directing Group. Organic Letters, 2011, 13, 1286-1289.	4.6	90
7	Palladium-Catalyzed Direct ortho Alkoxylation of Aromatic Azo Compounds with Alcohols. Journal of Organic Chemistry, 2013, 78, 10002-10007.	3.2	88
8	Synthesis of novel graphene oxide/pristine graphene/polyaniline ternary composites and application to supercapacitor. Chemical Engineering Journal, 2016, 288, 689-700.	12.7	84
9	One-step electrochemical preparation of sulfonated graphene/polypyrrole composite and its application to supercapacitor. Journal of Alloys and Compounds, 2016, 688, 140-148.	5.5	81
10	An easy one-step electrosynthesis of graphene/polyaniline composites and electrochemical capacitor. Carbon, 2014, 67, 662-672.	10.3	75
11	Palladium-Catalyzed Direct Ortho Câ€“H Arylation of 2-Arylpyridine Derivatives with Aryltrimethoxysilane. Journal of Organic Chemistry, 2011, 76, 8543-8548.	3.2	64
12	Production of mono- to few-layer MoS2 nanosheets in isopropanol by a salt-assisted direct liquid-phase exfoliation method. Journal of Colloid and Interface Science, 2018, 515, 27-31.	9.4	57
13	Influences of Self-Assembled Structure on Mobilities of Charge Carriers in Ï€-Conjugated Polymers. Journal of Physical Chemistry B, 2005, 109, 221-229.	2.6	53
14	A new bifunctional electrochemical sensor for hydrogen peroxide and nitrite based on a bimetallic metalloporphyrinic framework. Journal of Materials Chemistry B, 2015, 3, 9340-9348.	5.8	44
15	The pristine graphene produced by liquid exfoliation of graphite in mixed solvent and its application to determination of dopamine. Journal of Colloid and Interface Science, 2018, 513, 279-286.	9.4	37
16	Influence of Ï€-conjugation length on mobilities of charge carriers in conducting polymers. Journal of Materials Chemistry, 2003, 13, 1298-1305.	6.7	36
17	Preparation of pristine graphene in ethanol assisted by organic salts for nonenzymatic detection of hydrogen peroxide. Journal of Colloid and Interface Science, 2018, 510, 103-110.	9.4	36
18	Porous Mn2O3 nanorods synthesized from thermal decomposition of coordination polymer and used in hydrazine electrochemical sensing. Materials Letters, 2015, 159, 362-365.	2.6	32

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19	Mobilities of charge carriers hopping between Ï€-conjugated polymer chains. Journal of Materials Chemistry, 2001, 11, 3043-3048.	6.7	30
20	CdSe quantum dots as labels for sensitive immunoassay of cancer biomarker proteins by electrogenerated chemiluminescence. Analyst, The, 2011, 136, 5197.	3.5	28
21	An electrochemical immunosensor based on pristine graphene for rapid determination of ractopamine. Chemical Physics Letters, 2017, 685, 146-150.	2.6	26
22	Iridium(III) complexes with cyclometalated styrylbenzoimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. Synthetic Metals, 2010, 160, 1906-1911.	3.9	23
23	A surfactant-free water-processable all-carbon composite and its application to supercapacitor. Electrochimica Acta, 2014, 146, 353-358.	5.2	23
24	Synthesis of Fe3O4/graphene oxide/pristine graphene ternary composite and fabrication electrochemical sensor to detect dopamine and hydrogen peroxide. Chemical Physics Letters, 2019, 736, 136797.	2.6	21
25	A simple and practical route to prepare useable pristine graphene for electrochemical applications. Chemical Engineering Journal, 2015, 262, 658-664.	12.7	20
26	Highly efficient white organic light-emitting diodes based on broad excimer emission of iridium complex. Organic Electronics, 2010, 11, 1165-1171.	2.6	19
27	Synthesis of a highly phosphorescent emitting iridium(III) complex and its application in OLEDs. Journal of Organometallic Chemistry, 2008, 693, 2798-2802.	1.8	17
28	One-step preparation of molybdenum disulfide/graphene nano-catalysts through a simple co-exfoliation method for high-performance electrocatalytic hydrogen evolution reaction. Journal of Colloid and Interface Science, 2019, 542, 355-362.	9.4	17
29	Mobilities of charge carriers in poly(o-methylaniline) and poly(o-methoxyaniline). Electrochimica Acta, 2004, 49, 4687-4690.	5.2	16
30	High-efficient phosphorescent iridium(III) complexes with benzimidazole ligand for organic light-emitting diodes: Synthesis, electrochemistry and electroluminescent properties. Journal of Organometallic Chemistry, 2009, 694, 2415-2420.	1.8	16
31	Correlation between mobility enhancement and conformational change in polyaniline and its derivatives: Polaron lattice formation. Electrochimica Acta, 2007, 52, 3615-3620.	5.2	15
32	Facile synthesis of a graphene/nickel-cobalt hydroxide ternary hydrogel for high-performance supercapacitors. Journal of Colloid and Interface Science, 2018, 531, 593-601.	9.4	15
33	Highly efficient organic light-emitting diodes (OLEDs) based on an iridium complex with rigid cyclometalated ligand. Organic Electronics, 2010, 11, 632-640.	2.6	14
34	Synthesis of Biaryl Derivatives via a Magnetic Pd-NPs-Catalyzed One-Pot Diazotizationâ€“Cross-Coupling Reaction. Synlett, 2012, 23, 2393-2396.	1.8	14
35	Optical and electrochemical properties of a series of monosilanyleneâ€“oligothienylene copolymers in solution. Journal of Materials Chemistry, 2003, 13, 785-794.	6.7	13
36	Thermoelectric performances of graphene/polyaniline composites prepared by one-step electrosynthesis. RSC Advances, 2015, 5, 86855-86860.	3.6	13

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37	In Situ SERS Monitoring the Visible Light Photocatalytic Degradation of Nile Blue on Ag@AgCl Single Hollow Cube as a Microreactor. ChemistrySelect, 2018, 3, 428-435.	1.5	13
38	Microspheres of Conducting Poly(N-methylaniline). Polymer Journal, 2004, 36, 549-555.	2.7	12
39	Electrochemical Determination of Aflatoxin B1 (AFB1) Using a Copper-Based Metal-Organic Framework (Cu-MOF) and Gold Nanoparticles (AuNPs) with Exonuclease III (Exo III) Assisted Recycling by Differential Pulse Voltammetry (DPV). Analytical Letters, 2019, 52, 2439-2453.	1.8	12
40	New Four-Band Electrode Fabrication To Measure in Situ Electrical Property of Conducting Polymers. Analytical Chemistry, 2009, 81, 2364-2372.	6.5	11
41	Influence of the nanostructure on charge transport in polyaniline films. Electrochimica Acta, 2011, 56, 3264-3269.	5.2	11
42	Flexible Threeâ€Ðimensional Graphene Hydrogels with Superior Conductivity and Excellent Electrochemical Performance for Supercapacitor Electrodes. Chinese Journal of Chemistry, 2017, 35, 1601-1610.	4.9	11
43	Influence of film structure on mobilities of charge carriers in conducting polymers. Electrochimica Acta, 2007, 52, 8088-8095.	5.2	9
44	Fast electron transfer kinetics on electrodes composed of graphene oxide â€˜patchedâ€™ with direct exfoliated pristine graphene nanosheets. Chemical Physics Letters, 2014, 595-596, 1-5.	2.6	8
45	Synthesis, characterization, and electroluminescent properties of iridium complex containing 4-phenybenzoquinoline ligand. Synthetic Metals, 2009, 159, 2070-2074.	3.9	6
46	Optical properties of a series of monosilyleneâ€“oligothienylene copolymers and the application to light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 1902-1906.	6.7	6
47	Impact of substituents in the Nâˆ§N ligand on the emission wavelength of Cu(I) complexes: Insight from experimental and theoretical approach. Journal of Luminescence, 2010, 130, 976-980.	3.1	5
48	A transport study on as-grown and cast films of electrogenerated poly(3-hexylthiophene). Materials Letters, 2007, 61, 4687-4689.	2.6	4
49	Influence of electrochemical doping on low frequency noise of conducting poly(3-methylthiophene) film. Synthetic Metals, 2010, 160, 803-807.	3.9	4
50	Inâ€situ Apparent Mobility of Charge Carriers in Polyaniline Films Measured with a New Fourâ€band Electrode. Chinese Journal of Chemistry, 2010, 28, 916-920.	4.9	3
51	Electrochemical Sensors Based on Copperâ€“Cadmium Bimetallic Porphyrin Coordination Polymers with Various Cu/Cd Ratios. Journal of Analytical Chemistry, 2021, 76, 772-778.	0.9	2
52	Preparation of Graphene Oxide/Pristine Graphene/Polyaniline Ternary Composites through a Simple Method and Application to Supercapacitor. Journal of Physics: Conference Series, 2020, 1622, 012008.	0.4	1
53	Synthesis of the water-processable all-carbon composites of pristine graphene and graphene oxide through a simple one-step co-exfoliation method and application to supercapacitor. Ionics, 2020, 26, 5167-5177.	2.4	1
54	Unusual Electrochemical Response of Oligoalkylthiophene Films: Involvement of Bipolarons. Molecular Crystals and Liquid Crystals, 2006, 455, 367-372.	0.9	0

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55	A New Technique to Study Kinetics of Chain Conformation in Polyaniline Films. Polymer Journal, 2007, 39, 296-297.	2.7	0
56	Synthesis of Biaryl Derivatives via a Magnetic Pd-NPs-Catalyzed One-Pot ÂĐiazotizationâ€“Cross-Coupling Reaction. Synlett, 2012, 23, 3001-3001.	1.8	0