Yong Kong

List of Publications by Year
in descending order

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113	4,058	101543	149698
papers	citations	36	56
		h-index	g-index

113	113	113	4102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crosslinking Graphene Oxide into Robust 3D Porous Nâ€Doped Graphene. Advanced Materials, 2015, 27, 5171-5175.	21.0	188
2	Crystallinity Dependence of Ruthenium Nanocatalyst toward Hydrogen Evolution Reaction. ACS Catalysis, 2018, 8, 5714-5720.	11.2	162
3	Temperature-Sensitive Electrochemical Recognition of Tryptophan Enantiomers Based on Î²-Cyclodextrin Self-Assembled on Poly(<scp>l</scp>-Glutamic Acid). Analytical Chemistry, 2014, 86, 2633-2639.	6.5	155
4	pH-Controlled drug delivery with hybrid aerogel of chitosan, carboxymethyl cellulose and graphene oxide as the carrier. International Journal of Biological Macromolecules, 2017, 103, 248-253.	7.5	147
5	Electrochemical enantiorecognition of tryptophan enantiomers based on graphene quantum dotsâ€“chitosan composite film. Electrochemistry Communications, 2015, 57, 5-9.	4.7	90
6	Smartly designed 3D N-doped mesoporous graphene for high-performance supercapacitor electrodes. Electrochimica Acta, 2017, 241, 1-9.	5.2	90
7	Construction of Electrochemical Chiral Interfaces with Integrated Polysaccharides via Amidation. ACS Applied Materials & Interfaces, 2016, 8, 21710-21720.	8.0	86
8	Graphene quantum dots/Î²-cyclodextrin nanocomposites: A novel electrochemical chiral interface for tryptophan isomer recognition. Electrochemistry Communications, 2015, 60, 60-63.	4.7	85
9	Dual-drug delivery system based on the hydrogels of alginate and sodium carboxymethyl cellulose for colorectal cancer treatment. Carbohydrate Polymers, 2021, 269, 118325.	10.2	85
10	Ultrafine Pt nanoparticle-decorated robust 3D N-doped porous graphene as an enhanced electrocatalyst for methanol oxidation. Chemical Communications, 2016, 52, 382-385.	4.1	81
11	Nonenzymatic glucose sensing by CuO nanoparticles decorated nitrogen-doped graphene aerogel. Materials Science and Engineering C, 2017, 78, 210-217.	7.3	81
12	DNA-Inspired Electrochemical Recognition of Tryptophan Isomers by Electrodeposited Chitosan and Sulfonated Chitosan. Analytical Chemistry, 2015, 87, 9481-9486.	6.5	79
13	Highly fluorescent and morphology-controllable graphene quantum dots-chitosan hybrid xerogels for in vivo imaging and pH-sensitive drug carrier. Materials Science and Engineering C, 2016, 67, 478-485.	7.3	77
14	Electrochemical Enantioselective Recognition in a Highly Ordered Self-Assembly Framework. Analytical Chemistry, 2017, 89, 1900-1906.	6.5	73
15	Chiral Recognition of <scp>d</scp>-Tryptophan by Confining High-Energy Water Molecules Inside the Cavity of Copper-Modified Î²-Cyclodextrin. Journal of Physical Chemistry C, 2015, 119, 8183-8190.	3.1	71
16	Polyaniline functionalized reduced graphene oxide/carbon nanotube ternary nanocomposite as a supercapacitor electrode. Chemical Communications, 2020, 56, 4003-4006.	4.1	68
17	Covalent functionalization of reduced graphene oxide aerogels with polyaniline for high performance supercapacitors. Chemical Communications, 2019, 55, 1738-1741.	4.1	62
18	A novel electrochemical chiral sensor for tyrosine isomers based on a coordination-driven self-assembly. Sensors and Actuators B: Chemical, 2018, 255, 255-261.	7.8	59

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19	Aluminum and Nitrogen Codoped Graphene: Highly Active and Durable Electrocatalyst for Oxygen Reduction Reaction. ACS Catalysis, 2019, 9, 610-619.	11.2	56
20	Co,N-codoped graphene as efficient electrocatalyst for hydrogen evolution reaction: Insight into the active centre. Journal of Power Sources, 2017, 363, 260-268.	7.8	55
21	A facile avenue to prepare chiral graphene sheets as electrode modification for electrochemical enantiorecognition. Analytica Chimica Acta, 2018, 1033, 58-64.	5.4	53
22	Covalent Functionalization of Bovine Serum Albumin with Graphene Quantum Dots for Stereospecific Molecular Recognition. Analytical Chemistry, 2019, 91, 11864-11871.	6.5	53
23	Single-Template Molecularly Imprinted Chiral Sensor for Simultaneous Recognition of Alanine and Tyrosine Enantiomers. Analytical Chemistry, 2019, 91, 12546-12552.	6.5	51
24	Recent progress of taskâ€specific ionic liquids in chiral resolution and extraction of biological samples and metal ions. Journal of Separation Science, 2018, 41, 373-384.	2.5	49
25	Controllable fabrication of uniform ruthenium phosphide nanocrystals for the hydrogen evolution reaction. Chemical Communications, 2019, 55, 7828-7831.	4.1	47
26	Electrochemical Chiral Recognition of Tryptophan Isomers Based on Nonionic Surfactant-Assisted Molecular Imprinting Solâ€“Gel Silica. ACS Applied Materials & Interfaces, 2019, 11, 2840-2848.	8.0	46
27	Chiral electrochemical recognition of cysteine enantiomers with molecularly imprinted overoxidized polypyrrole-Au nanoparticles. Synthetic Metals, 2016, 222, 137-143.	3.9	44
28	In situ synthesis of highly loaded and ultrafine Pd nanoparticles-decorated graphene oxide for glucose biosensor application. Journal of Materials Chemistry, 2012, 22, 24821.	6.7	43
29	Palygorskite polypyrrole nanocomposite: A new platform for electrically tunable drug delivery. Applied Clay Science, 2014, 99, 119-124.	5.2	43
30	Chiral Poly(ionic liquid) with Nonconjugated Backbone as a Fluorescent Enantioselective Sensor for Phenylalaninol and Tryptophan. ACS Applied Materials & Interfaces, 2018, 10, 23362-23368.	8.0	42
31	Electrochemical Recognition of Tyrosine Enantiomers Based on Chiral Ligand Exchange with Sodium Alginate as the Chiral Selector. Journal of the Electrochemical Society, 2015, 162, H486-H491.	2.9	41
32	pH-sensitive drug delivery based on chitosan wrapped graphene quantum dots with enhanced fluorescent stability. Materials Science and Engineering C, 2020, 112, 110888.	7.3	41
33	Fabrication of CuO nanoparticles-decorated 3D N-doped porous carbon as electrochemical sensing platform for the detection of Sudan I. Food Chemistry, 2019, 287, 375-381.	8.2	40
34	Facile electrosynthesis of nickel hexacyanoferrate/poly(2,6-diaminopyridine) hybrids as highly sensitive nitrite sensor. Sensors and Actuators B: Chemical, 2018, 264, 240-248.	7.8	39
35	An ultrafine ruthenium nanocrystal with extremely high activity for the hydrogen evolution reaction in both acidic and alkaline media. Chemical Communications, 2018, 54, 13076-13079.	4.1	39
36	Coinduction of a Chiral Microenvironment in Polypyrrole by Overoxidation and Camphorsulfonic Acid for Electrochemical Chirality Sensing. Analytical Chemistry, 2018, 90, 9551-9558.	6.5	39

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37	Hierarchical mesoporous Co 3 O 4 /C@MoS 2 coreâ€“shell structured materials for electrochemical energy storage with high supercapacitive performance. Synthetic Metals, 2017, 233, 101-110.	3.9	37
38	Dynamic Interaction between Host and Guest for Enantioselective Recognition: Application of Î²-Cyclodextrin-Based Charged Catenane As Electrochemical Probe. Analytical Chemistry, 2019, 91, 5961-5967.	6.5	37
39	Construction of pH-responsive drug delivery platform with calcium carbonate microspheres induced by chitosan gels. Ceramics International, 2018, 44, 7902-7907.	4.8	36
40	Core-shell structured polypyrrole/mesoporous SiO2 nanocomposite capped with graphene quantum dots as gatekeeper for irradiation-controlled release of methotrexate. Materials Science and Engineering C, 2017, 81, 206-212.	7.3	34
41	Recent progress of enantioseparation under scale production (2014â€“2019). Journal of Separation Science, 2020, 43, 337-347.	2.5	34
42	Synthesis of oxidized pullulan coated mesoporous silica for pH-sensitive drug delivery. European Polymer Journal, 2020, 122, 109399.	5.4	34
43	Oilâ€“water interfacial synthesis of grapheneâ€“polyanilineâ€“MnO2 hybrids using binary oxidant for high performance supercapacitor. Synthetic Metals, 2015, 209, 555-560.	3.9	33
44	Rationally Designed 3D Fe and N Codoped Graphene with Superior Electrocatalytic Activity toward Oxygen Reduction. Small, 2016, 12, 2549-2553.	10.0	33
45	Preparation of 3D reduced graphene oxide/carbon nanospheres/polyaniline ternary nanocomposites as supercapacitor electrode. Reactive and Functional Polymers, 2018, 125, 101-107.	4.1	33
46	Design and synthesis of tungsten trioxide/polypyrrole/graphene using attapulgite as template for high-performance supercapacitors. Electrochimica Acta, 2019, 311, 123-131.	5.2	33
47	Nanowired NiMoO₄/NiSe₂/MoSe₂ prepared through in situ selenylation as a high performance supercapacitor electrode. Chemical Communications, 2021, 57, 4019-4022.	4.1	33
48	Well-Dispersed Chitosan-Graphene Quantum Dots Nanocomposites for Electrochemical Sensing Platform. Journal of the Electrochemical Society, 2015, 162, H884-H889.	2.9	32
49	Chiral Sensing Platform Based on the Self-Assemblies of Diphenylalanine and Oxalic Acid. Analytical Chemistry, 2018, 90, 5451-5458.	6.5	32
50	Electropolymerized melamine for simultaneous determination of nitrite and tartrazine. Food Chemistry, 2020, 333, 127532.	8.2	32
51	Construction of magnetic-targeted and NIR irradiation-controlled drug delivery platform with Fe3O4@Au@SiO2 nanospheres. Ceramics International, 2017, 43, 5061-5067.	4.8	31
52	Electrosynthesis of poly(m-phenylenediamine) on the nanocomposites of palygorskite and ionic liquid for electrocatalytic sensing of gallic acid. Sensors and Actuators B: Chemical, 2019, 284, 63-72.	7.8	31
53	Enantioselective Recognition of Chiral Tryptophan with Achiral Glycine through the Strategy of Chirality Transfer. Analytical Chemistry, 2020, 92, 11927-11934.	6.5	31
54	Construction of a dual-responsive dual-drug delivery platform based on the hybrids of mesoporous silica, sodium hyaluronate, chitosan and oxidized sodium carboxymethyl cellulose. International Journal of Biological Macromolecules, 2022, 202, 37-45.	7.5	31

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55	Smart Chiral Sensing Platform with Alterable Enantioselectivity. Analytical Chemistry, 2017, 89, 12930-12937.	6.5	30
56	Potato starch as a highly enantioselective system for temperature-dependent electrochemical recognition of tryptophan isomers. Electrochemistry Communications, 2016, 64, 21-25.	4.7	29
57	A novel electrochemical chiral interface based on sandwich-structured molecularly imprinted SiO2/AuNPs/SiO2 for enantioselective recognition of cysteine isomers. Electrochemistry Communications, 2018, 86, 57-62.	4.7	27
58	Enantioselective recognition of glutamic acid enantiomers based on poly(aniline-co-m-aminophenol) electrode column. Electrochemistry Communications, 2012, 14, 17-20.	4.7	26
59	Highly enantioselective recognition of various acids using polymerized chiral ionic liquid as electrode modifies. Sensors and Actuators B: Chemical, 2019, 282, 164-170.	7.8	26
60	Construction of a pH-responsive drug delivery platform based on the hybrid of mesoporous silica and chitosan. Journal of Saudi Chemical Society, 2021, 25, 101174.	5.2	25
61	The hybrids of perylene tetracarboxylic acid functionalized multi-walled carbon nanotubes and chitosan for electrochemical chiral sensing of tryptophan enantiomers. Bioelectrochemistry, 2022, 146, 108110.	4.6	25
62	Enantioselective recognition of amino acids based on molecularly imprinted polyaniline electrode column. Electrochimica Acta, 2011, 56, 4070-4074.	5.2	24
63	Dual stimuli-responsive nanoplatform based on core-shell structured graphene oxide/mesoporous silica@alginate. International Journal of Biological Macromolecules, 2021, 175, 209-216.	7.5	24
64	Electrochemical recognition of tryptophan enantiomers using self-assembled diphenylalanine structures induced by graphene quantum dots, chitosan and CTAB. Electrochemistry Communications, 2017, 83, 61-66.	4.7	23
65	A perovskite oxide with a tunable pore-size derived from a general salt-template strategy as a highly efficient electrocatalyst for the oxygen evolution reaction. Chemical Communications, 2019, 55, 2445-2448.	4.1	23
66	Chiral Enantioselective Assemblies Induced from Achiral Porphyrin by l- and d-Lysine. Langmuir, 2019, 35, 16761-16769.	3.5	22
67	Decoration of glutathione with copper-platinum nanoparticles for chirality sensing of tyrosine enantiomers. Electrochemistry Communications, 2020, 110, 106638.	4.7	22
68	Disulfide-cleavage- and pH-triggered drug delivery based on a vesicle structured amphiphilic self-assembly. Materials Science and Engineering C, 2020, 107, 110366.	7.3	21
69	Reduced Mo-doped NiCo₂O₄ with rich oxygen vacancies as an advanced electrode material in supercapacitors. Chemical Communications, 2022, 58, 5120-5123.	4.1	21
70	Functionalization of poly(o-phenylenediamine) with gold nanoparticles as a label-free immunoassay platform for the detection of human enterovirus 71. Sensors and Actuators B: Chemical, 2013, 183, 187-193.	7.8	20
71	Enantioselective Limiting Transport into a Fixed Cavity via Supramolecular Interaction for the Chiral Electroanalysis of Amino Acids Regardless of Electroactive Units. Analytical Chemistry, 2020, 92, 13711-13717.	6.5	20
72	Silver nanoparticle driven signal amplification for electrochemical chiral discrimination of amino acids. Analyst, The, 2021, 146, 1612-1619.	3.5	20

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73	A redox and pH dual-triggered drug delivery platform based on chitosan grafted tubular mesoporous silica. Ceramics International, 2019, 45, 22603-22609.	4.8	19
74	A facile route to prepare functional mesoporous organosilica spheres with electroactive units for chiral recognition of amino acids. Analyst, The, 2019, 144, 543-549.	3.5	19
75	Electrochemical detection of pyrosine with electrochemically reduced graphene oxide modified glassy carbon electrode. European Food Research and Technology, 2013, 236, 955-961.	3.3	18
76	Polydopamine Core Half-Polyamidoamine Dendrimers Based Drug-Delivery Platform and Characterization by Electrochemical Impedance Spectroscopy. Journal of the Electrochemical Society, 2015, 162, G87-G93.	2.9	18
77	Rational design of a multi-responsive drug delivery platform based on SiO2@PPy@poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.1	18
78	Preparation, characterization and the supercapacitive behaviors of electrochemically reduced graphene quantum dots/polypyrrole hybrids. Electrochimica Acta, 2021, 385, 138435.	5.2	18
79	Competitive Self-Assembly Interaction between Ferrocenyl Units and Amino Acids for Entry into the Cavity of Î²-Cyclodextrin for Chiral Electroanalysis. Analytical Chemistry, 2022, 94, 6050-6056.	6.5	18
80	An ionic-based carbon dot for enantioselective discrimination of nonaromatic amino alcohols. Analyst, The, 2020, 145, 3395-3400.	3.5	17
81	Nanostructured Co9S8/polypyrrole hybrids grown on carbon cloth for battery-type supercapacitor electrode. Synthetic Metals, 2022, 286, 117034.	3.9	17
82	Ultrasensitive Electrochemical Impedance Chiral Discrimination and Sensing of Tryptophan Isomers Based on Coreâ€“Shell-Structured Auâ€“Ag Nanoparticles. Langmuir, 2021, 37, 14454-14462.	3.5	16
83	Hollow NiCoSe2/C prepared through a step-by-step derivatization method for high performance supercapacitors. Journal of Electroanalytical Chemistry, 2022, 905, 115976.	3.8	16
84	Electrochemically exfoliating graphite into N-doped graphene and its use as a high efficient electrocatalyst for oxygen reduction reaction. Journal of Solid State Electrochemistry, 2017, 21, 1287-1295.	2.5	15
85	Construction of a pH- and near-infrared irradiation-responsive nanoplatform for chemo-photothermal therapy. International Journal of Pharmaceutics, 2021, 593, 120112.	5.2	15
86	Synthesis of graphene oxide supported CoSe2 as high-performance supercapattery electrodes. Journal of Electroanalytical Chemistry, 2021, 901, 115759.	3.8	15
87	TiO₂ Nanotubes Decorated with CdSe Quantum Dots: A Bifunctional Electrochemiluminescent Platform for Chiral Discrimination and Chiral Sensing. Analytical Chemistry, 2022, 94, 9399-9406.	6.5	15
88	Hyaluronic acid encapsulated aminated mesoporous silica nanoparticles for <scp>pH</scp>â€responsive delivery of methotrexate and release kinetics. Bulletin of the Korean Chemical Society, 2022, 43, 650-657.	1.9	14
89	Construction of an electrochemical chiral interface by the self-assembly of chiral calix[4]arene and cetyltrimethylammonium bromide for recognition of tryptophan isomers. Electrochemistry Communications, 2018, 96, 22-26.	4.7	13
90	Recent advances of the ionic chiral selectors for chiral resolution by chromatography, spectroscopy and electrochemistry. Journal of Separation Science, 2022, 45, 325-337.	2.5	13

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91	Strategies to Achieve a Ferrocene-Based Polymer with Reversible Redox Activity for Chiral Electroanalysis of Nonelectroactive Amino Acids. Analytical Chemistry, 2021, 93, 10160-10166.	6.5	13
92	Gold Nanorods@Mesoporous SiO₂@Hyaluronic Acid Coreâ€“Shell Nanoparticles for Controlled Drug Delivery. ACS Applied Nano Materials, 2022, 5, 7440-7448.	5.0	13
93	A chiral sensing platform based on chiral metal-organic framework for enantiodiscrimination of the isomers of tyrosine and tryptophan. Journal of Electroanalytical Chemistry, 2022, 918, 116445.	3.8	13
94	A chiral helical self-assembly for electrochemical recognition of tryptophan enantiomers. Electrochemistry Communications, 2019, 104, 106478.	4.7	12
95	Multi-templates based molecularly imprinted sodium alginate/MnO2 for simultaneous enantiorecognition of lysine, alanine and cysteine isomers. International Journal of Biological Macromolecules, 2019, 129, 786-791.	7.5	12
96	A surface proteinâ^'imprinted biosensor based on boronate affinity for the detection of antiâ^'human immunoglobulin G. Mikrochimica Acta, 2022, 189, 106.	5.0	12
97	Smart construction of an efficient enantioselective sensing device based on bioactive tripeptide. Analytical Methods, 2019, 11, 1951-1957.	2.7	10
98	Efficient enantiorecognition of amino acids under a stimuli-responsive system: synthesis, characterization and application of electroactive rotaxane. Analyst, The, 2019, 144, 6415-6421.	3.5	9
99	Construction of a dual-drug delivery system based on oxidized alginate and carboxymethyl chitosan for chemo-photothermal synergistic therapy of osteosarcoma. European Polymer Journal, 2022, 174, 111331.	5.4	9
100	Hydrothermal Fabrication of Fe₃O₄@Carbonaceous Microspheres for Efficient Removal of Oil and Metal Ions from the Aqueous Phase. Industrial & Engineering Chemistry Research, 2019, 58, 18613-18622.	3.7	8
101	Electrochemiluminescent chiral discrimination with chiral Ag₂S quantum dots/few-layer carbon nitride nanosheets. Analyst, The, 2021, 146, 6245-6251.	3.5	8
102	Electrocatalytic synthesis of poly(2,6-diaminopyridine) on reduced graphene oxide and its application in glucose sensing. RSC Advances, 2015, 5, 52896-52901.	3.6	7
103	Co,N,S-Codoped Three-Dimensional Graphene as Efficient Bi-Functional Electrocatalyst for Oxygen Reduction/Hydrogen Evolution Reaction. Journal of the Electrochemical Society, 2017, 164, F1110-F1114.	2.9	7
104	Fluorometric discrimination of tyrosine isomers based on the inner filter effect of chiral Au nanoparticles on MoS₂ quantum dots. Analytical Methods, 2021, 13, 2290-2296.	2.7	7
105	Construction of Nearâ€infrared Irradiationâ€controlled Drug Delivery System Based on Silica@polypyrrole@mesoporous Silica and PEGâ€PCLâ€PEG. Bulletin of the Korean Chemical Society, 2019, 40, 917-920.	1.9	6
106	Improved chiral electrochemical recognition of tryptophan enantiomers based on threeâ€dimensional molecularly imprinted overoxidized polypyrrole/MnO 2 /carbon felt composites. Chirality, 2019, 31, 917-922.	2.6	6
107	A Real-Time Strategy for Chiroptical Sensing and Enantiomeric Excess Determination of Primary Amines via an Acidâ€“Base Reaction. Organic Letters, 2022, 24, 5226-5229.	4.6	6
108	Enantioselective recognition of tryptophan isomers with molecularly imprinted overoxidized polypyrrole/poly(pâ€aminobenzene sulfonic acid) modified electrode. Chirality, 2021, 33, 176-183.	2.6	5

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109	Facile synthesis of calcium carbonate/polyacrylic acid hydrogels for pH-responsive delivery of cytarabine. Journal of Saudi Chemical Society, 2021, 25, 101344.	5.2	5
110	Boosting the hydrogen evolution activity of a Coâ€“Nâ€“C electrocatalyst by codoping with Al. RSC Advances, 2019, 9, 33997-34003.	3.6	4
111	Chiral supramolecular hydrogel with controllable phase transition behavior for stereospecific molecular recognition. Journal of Electroanalytical Chemistry, 2021, 883, 115045.	3.8	4
112	Strategies to synthesize a chiral helical polymer accompanying with two stereogenic centers for chiral electroanalysis. Analytica Chimica Acta, 2022, 1206, 339810.	5.4	2
113	A facile synthesis of two ionized fluorescent carbon dots and selective detection toward Fe²⁺ and Cu²⁺. Nanoscale Advances, 2020, 2, 2943-2949.	4.6	1