Liangguo Yan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6259093/publications.pdf

Version: 2024-02-01

114 papers	7,297 citations	47006 47 h-index	58581 82 g-index
114 all docs	114 docs citations	114 times ranked	8667 citing authors

#	Article	IF	Citations
1	EDTA functionalized magnetic graphene oxide for removal of Pb(II), Hg(II) and Cu(II) in water treatment: Adsorption mechanism and separation property. Chemical Engineering Journal, 2015, 281, 1-10.	12.7	576
2	Synthesis of amino functionalized magnetic graphenes composite material and its application to remove Cr(VI), Pb(II), Hg(II), Cd(II) and Ni(II) from contaminated water. Journal of Hazardous Materials, 2014, 278, 211-220.	12.4	469
3	Highly efficient removal of heavy metal ions by amine-functionalized mesoporous Fe3O4 nanoparticles. Chemical Engineering Journal, 2012, 184, 132-140.	12.7	324
4	Kinetic, isotherm and thermodynamic investigations of phosphate adsorption onto coreâ€“shell Fe3O4@LDHs composites with easy magnetic separation assistance. Journal of Colloid and Interface Science, 2015, 448, 508-516.	9.4	246
5	Adsorption of Pb(II) and Hg(II) from aqueous solution using magnetic CoFe2O4-reduced graphene oxide. Journal of Molecular Liquids, 2014, 191, 177-182.	4.9	215
6	Label-free immunosensor for the detection of kanamycin using Ag@Fe3O4 nanoparticles and thionine mixed graphene sheet. Biosensors and Bioelectronics, 2013, 48, 224-229.	10.1	181
7	Removal of mercury and methylene blue from aqueous solution by xanthate functionalized magnetic graphene oxide: Sorption kinetic and uptake mechanism. Journal of Colloid and Interface Science, 2015, 439, 112-120.	9.4	173
8	Self-supported CoMoS4 nanosheet array as an efficient catalyst for hydrogen evolution reaction at neutral pH. Nano Research, 2018, 11, 2024-2033.	10.4	147
9	A MoS₂ nanosheetâ€“reduced graphene oxide hybrid: an efficient electrocatalyst for electrocatalytic N₂ reduction to NH₃ under ambient conditions. Journal of Materials Chemistry A, 2019, 7, 2524-2528.	10.3	145
10	Sulfur-Doped Graphene-Based Immunological Biosensing Platform for Multianalysis of Cancer Biomarkers. ACS Applied Materials & Interfaces, 2017, 9, 37637-37644.	8.0	144
11	Removal of Pb(II) and methylene blue from aqueous solution by magnetic hydroxyapatite-immobilized oxidized multi-walled carbon nanotubes. Journal of Colloid and Interface Science, 2017, 494, 380-388.	9.4	140
12	Adsorption of phosphate from aqueous solution by vegetable biochar/layered double oxides: Fast removal and mechanistic studies. Bioresource Technology, 2019, 284, 65-71.	9.6	128
13	The removal of lead ions from aqueous solution by using magnetic hydroxypropyl chitosan/oxidized multiwalled carbon nanotubes composites. Journal of Colloid and Interface Science, 2015, 451, 7-14.	9.4	118
14	Preparation and utilization of anaerobic granular sludge-based biochar for the adsorption of methylene blue from aqueous solutions. Journal of Molecular Liquids, 2014, 198, 334-340.	4.9	112
15	EDTA modified Î²-cyclodextrin/chitosan for rapid removal of Pb(II) and acid red from aqueous solution. Journal of Colloid and Interface Science, 2018, 523, 56-64.	9.4	111
16	Facile fabrication of heterostructured g-C₃N₄/Bi₂MoO₆ microspheres with highly efficient activity under visible light irradiation. Dalton Transactions, 2015, 44, 1601-1611.	3.3	106
17	Fabrication of a novel Z-scheme g-C 3 N 4 /Bi 4 O 7 heterojunction photocatalyst with enhanced visible light-driven activity toward organic pollutants. Journal of Colloid and Interface Science, 2017, 501, 123-132.	9.4	102
18	Increased electrocatalyzed performance through high content potassium doped graphene matrix and aptamer tri infinite amplification labels strategy: Highly sensitive for matrix metalloproteinases-2 detection. Biosensors and Bioelectronics, 2017, 94, 694-700.	10.1	101

#	Article	IF	Citations
19	Fabrication of hierarchical BiOI/Bi2MoO6 heterojunction for degradation of bisphenol A and dye under visible light irradiation. Journal of Alloys and Compounds, 2015, 634, 223-231.	5.5	100
20	A sensitive electrochemiluminescence immunosensor based on Ru(bpy) 3 2+ in 3D CuNi oxalate as luminophores and graphene oxideâ€“polyethylenimine as released Ru(bpy) 3 2+ initiator. Biosensors and Bioelectronics, 2017, 89, 1020-1025.	10.1	100
21	Electrochemiluminescent immunosensing of prostate-specific antigen based on silver nanoparticles-doped Pb (II) metal-organic framework. Biosensors and Bioelectronics, 2016, 79, 379-385.	10.1	97
22	Fabrication of heterostructured Bi2O2CO3/Bi2O4 photocatalyst and efficient photodegradation of organic contaminants under visible-light. Journal of Hazardous Materials, 2017, 333, 169-178.	12.4	94
23	Adsorption of benzoic acid from aqueous solution by three kinds of modified bentonites. Journal of Colloid and Interface Science, 2011, 359, 499-504.	9.4	93
24	A prostate-specific antigen electrochemical immunosensor based on Pd NPs functionalized electroactive Co-MOF signal amplification strategy. Biosensors and Bioelectronics, 2019, 132, 97-104.	10.1	93
25	Facile solvothermal synthesis of Fe3O4/bentonite for efficient removal of heavy metals from aqueous solution. Powder Technology, 2016, 301, 632-640.	4.2	90
26	Sensitive Insulin Detection based on Electrogenerated Chemiluminescence Resonance Energy Transfer between Ru(bpy)₃²⁺ and Au Nanoparticle-Doped Î²-Cyclodextrin-Pb (II) Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2016, 8, 10121-10127.	8.0	87
27	Magnetic chitosan/anaerobic granular sludge composite: Synthesis, characterization and application in heavy metal ions removal. Journal of Colloid and Interface Science, 2017, 508, 405-414.	9.4	83
28	Aerobic granules formation and simultaneous nitrogen and phosphorus removal treating high strength ammonia wastewater in sequencing batch reactor. Bioresource Technology, 2014, 171, 211-216.	9.6	79
29	Eco-friendly synthesis of electrochemiluminescent nitrogen-doped carbon quantum dots from diethylene triamine pentacetate and their application for protein detection. Carbon, 2015, 91, 144-152.	10.3	75
30	Ultrasensitive electrochemical immunosensor for SCCA detection based on ternary Pt/PdCu nanocube anchored on three-dimensional graphene framework for signal amplification. Biosensors and Bioelectronics, 2016, 79, 71-78.	10.1	73
31	Fabrication of novel g-C3N4 nanocrystals decorated Ag3PO4 hybrids: Enhanced charge separation and excellent visible-light driven photocatalytic activity. Journal of Hazardous Materials, 2017, 339, 9-21.	12.4	73
32	Facile fabrication of 3D flower-like heterostructured g-C₃N₄/SnS₂ composite with efficient photocatalytic activity under visible light. RSC Advances, 2014, 4, 31019-31027.	3.6	71
33	A label-free photoelectrochemical aptasensing platform base on plasmon Au coupling with MOF-derived In2O3@g-C3N4 nanoarchitectures for tetracycline detection. Sensors and Actuators B: Chemical, 2019, 298, 126817.	7.8	71
34	CuS as co-reaction accelerator in PTCA-K2S2O8 system for enhancing electrochemiluminescence behavior of PTCA and its application in detection of amyloid-Î² protein. Biosensors and Bioelectronics, 2019, 126, 222-229.	10.1	68
35	Facile synthesis of hierarchical ZnIn 2 S 4 /CdIn 2 S 4 microspheres with enhanced visible light driven photocatalytic activity. Applied Surface Science, 2017, 407, 328-336.	6.1	67
36	Metal ions-based immunosensor for simultaneous determination of estradiol and diethylstilbestrol. Biosensors and Bioelectronics, 2014, 52, 225-231.	10.1	66

#	Article	IF	Citations
37	Sandwich-type electrochemical immunosensor for the detection of AFP based on Pd octahedral and APTES-M-CeO2-GS as signal labels. Biosensors and Bioelectronics, 2016, 79, 482-487.	10.1	65
38	Corallite-like Magnetic Fe₃O₄@MnO₂@Pt Nanocomposites as Multiple Signal Amplifiers for the Detection of Carcinoembryonic Antigen. ACS Applied Materials & Interfaces, 2015, 7, 18786-18793.	8.0	63
39	A novel electrochemiluminescent immunosensor based on the quenching effect of aminated graphene on nitrogen-doped carbon quantum dots. Analytica Chimica Acta, 2015, 889, 82-89.	5.4	62
40	An ultrasensitive electrochemical immunosensor for CEA using MWCNT-NH₂ supported PdPt nanocages as labels for signal amplification. Journal of Materials Chemistry B, 2015, 3, 2006-2011.	5.8	60
41	Ultrasensitive electrochemical aptasensor for the detection of thrombin based on dual signal amplification strategy of Au@GS and DNA-CoPd NPs conjugates. Biosensors and Bioelectronics, 2016, 80, 640-646.	10.1	57
42	Fabrication of In2S3/Zn2GeO4 composite photocatalyst for degradation of acetaminophen under visible light. Journal of Colloid and Interface Science, 2017, 506, 197-206.	9.4	56
43	A competitive photoelectrochemical immunosensor for the detection of diethylstilbestrol based on an Au/UiO-66(NH2)/CdS matrix and a direct Z-scheme Melem/CdTe heterojunction as labels. Biosensors and Bioelectronics, 2018, 117, 575-582.	10.1	56
44	MnCO₃ as a New Electrochemiluminescence Emitter for Ultrasensitive Bioanalysis of Î²-Amyloid_{1â€“42} Oligomers Based on Site-Directed Immobilization of Antibody. ACS Applied Materials & Interfaces, 2019, 11, 7157-7163.	8.0	54
45	Quench-type electrochemiluminescence immunosensor for detection of amyloid Î²-protein based on resonance energy transfer from luminol@SnS2-Pd to Cu doped WO3 nanoparticles. Biosensors and Bioelectronics, 2019, 133, 192-198.	10.1	54
46	A label-free electrochemiluminescence immunosensor based on silver nanoparticle hybridized mesoporous carbon for the detection of Aflatoxin B1. Sensors and Actuators B: Chemical, 2014, 202, 53-59.	7.8	49
47	Nanosheet Au/Co3O4-based ultrasensitive nonenzymatic immunosensor for melanoma adhesion molecule antigen. Biosensors and Bioelectronics, 2014, 58, 345-350.	10.1	49
48	Room-temperature fabrication of bismuth oxybromide/oxyiodide photocatalyst and efficient degradation of phenolic pollutants under visible light. Journal of Hazardous Materials, 2018, 358, 20-32.	12.4	49
49	Fabrication of hierarchical MIL-68(In)-NH2/MWCNT/CdS composites for constructing label-free photoelectrochemical tetracycline aptasensor platform. Biosensors and Bioelectronics, 2019, 135, 88-94.	10.1	48
50	Facile fabrication of BiOI decorated NaNbO 3 cubes: A pâ€“n junction photocatalyst with improved visible-light activity. Applied Surface Science, 2017, 416, 288-295.	6.1	45
51	Adsorption and photocatalytic reduction of aqueous Cr(VI) by Fe3O4-ZnAl-layered double hydroxide/TiO2 composites. Journal of Colloid and Interface Science, 2020, 562, 493-501.	9.4	44
52	Cobalt-based metal-organic frameworks as co-reaction accelerator for enhancing electrochemiluminescence behavior of N-(aminobutyl)-N-(ethylisoluminol) and ultrasensitive immunosensing of amyloid-Î² protein. Sensors and Actuators B: Chemical, 2019, 291, 319-328.	7.8	42
53	Fabrication of magnetic water-soluble hyperbranched polyol functionalized graphene oxide for high-efficiency water remediation. Scientific Reports, 2016, 6, 28924.	3.3	41
54	Rod-like Bi4O7 decorated Bi2O2CO3 plates: Facile synthesis, promoted charge separation, and highly efficient photocatalytic degradation of organic contaminants. Journal of Colloid and Interface Science, 2018, 514, 240-249.	9.4	41

#	Article	IF	Citations
55	Label-free photoelectrochemical immunosensor for carcinoembryonic antigen detection based on g-C3N4 nanosheets hybridized with Zn0.1Cd0.9S nanocrystals. Sensors and Actuators B: Chemical, 2018, 256, 812-819.	7.8	41
56	Cubic Cu 2 O nanoframes with a unique edge-truncated structure and a good electrocatalytic activity for immunosensor application. Biosensors and Bioelectronics, 2016, 78, 167-173.	10.1	39
57	Photoelectrochemical competitive immunosensor for 17Î²-estradiol detection based on ZnIn2S4@NH2-MIL-125(Ti) amplified by PDA NS/Mn:ZnCdS. Biosensors and Bioelectronics, 2020, 148, 111739.	10.1	39
58	Removal of Metanil Yellow from water environment by amino functionalized graphenes (NH2-G) â€“ Influence of surface chemistry of NH2-G. Applied Surface Science, 2013, 284, 862-869.	6.1	38
59	Construction of dentate bonded TiO₂â€“CdSe heterostructures with enhanced photoelectrochemical properties: versatile labels toward photoelectrochemical and electrochemical sensing. Dalton Transactions, 2015, 44, 773-781.	3.3	38
60	Ultrasensitive photoelectrochemical immunosensor for insulin detection based on dual inhibition effect of CuS-SiO2 composite on CdS sensitized C-TiO2. Sensors and Actuators B: Chemical, 2018, 258, 1-9.	7.8	38
61	Enhanced aerobic granulation and nitrogen removal by the addition of zeolite powder in a sequencing batch reactor. Applied Microbiology and Biotechnology, 2013, 97, 9235-9243.	3.6	37
62	Copper-doped titanium dioxide nanoparticles as dual-functional labels for fabrication of electrochemical immunosensors. Biosensors and Bioelectronics, 2014, 59, 335-341.	10.1	37
63	Rapid removal of Pb(II) from aqueous solution using branched polyethylenimine enhanced magnetic carboxymethyl chitosan optimized with response surface methodology. Scientific Reports, 2017, 7, 10264.	3.3	37
64	A ternary quenching electrochemiluminescence insulin immunosensor based on Mn2+ released from MnO2@Carbon core-shell nanospheres with ascorbic acid quenching AuPdPtâ€“MoS2@TiO2 enhanced luminol. Biosensors and Bioelectronics, 2019, 142, 111551.	10.1	36
65	Ultrasensitive sandwich-type electrochemical immunosensor based on a novel signal amplification strategy using highly loaded palladium nanoparticles/carbon decorated magnetic microspheres as signal labels. Biosensors and Bioelectronics, 2015, 68, 757-762.	10.1	35
66	A competitive photoelectrochemical assay for estradiol based on in situ generated CdS-enhanced TiO2. Biosensors and Bioelectronics, 2015, 66, 596-602.	10.1	35
67	Synergistic adsorption and photocatalytic reduction of Cr(VI) using Zn-Al-layered double hydroxide and TiO2 composites. Applied Surface Science, 2019, 492, 487-496.	6.1	35
68	Anchoring Au(111) on a Bismuth Sulfide Nanorod: Boosting the Artificial Electrocatalytic Nitrogen Reduction Reaction under Ambient Conditions. ACS Applied Materials & Interfaces, 2020, 12, 55838-55843.	8.0	35
69	Electrochemiluminescent Immune-Modified Electrodes Based on Ag₂Se@CdSe Nanoneedles Loaded with Polypyrrole Intercalated Graphene for Detection of CA72-4. ACS Applied Materials & Interfaces, 2015, 7, 867-872.	8.0	34
70	Fabrication of MOF-derived tubular In2O3@SnIn4S8 hybrid: Heterojunction formation and promoted photocatalytic reduction of Cr(VI) under visible light. Journal of Colloid and Interface Science, 2021, 596, 278-287.	9.4	34
71	Responses of soluble microbial products and extracellular polymeric substances to the presence of toxic 2,6-dichlorophenol in aerobic granular sludge system. Journal of Environmental Management, 2016, 183, 594-600.	7.8	33
72	Novel electrochemical immunosensor for sensitive monitoring of cardiac troponin I using antigenâ€“response cargo released from mesoporous Fe3O4. Biosensors and Bioelectronics, 2019, 143, 111608.	10.1	32

#	Article	IF	Citations
73	Aerobic granular sludge-derived activated carbon: mineral acid modification and superior dye adsorption capacity. RSC Advances, 2015, 5, 25279-25286.	3.6	31
74	Fabrication of a heterostructured Ag/AgCl/Bi₂MoO₆ plasmonic photocatalyst with efficient visible light activity towards dyes. RSC Advances, 2015, 5, 17245-17252.	3.6	31
75	A novel electrochemical immunosensor using Î²-cyclodextrins functionalized silver supported adamantine-modified glucose oxidase as labels for ultrasensitive detection of alpha-fetoprotein. Analytica Chimica Acta, 2015, 893, 49-56.	5.4	31
76	Efficient photocatalytic degradation of bisphenol A and dye pollutants over BiOI/Zn₂SnO₄ heterojunction photocatalyst. RSC Advances, 2015, 5, 10688-10696.	3.6	30
77	A novel magnetic polysaccharideâ€“graphene oxide composite for removal of cationic dyes from aqueous solution. New Journal of Chemistry, 2015, 39, 2908-2916.	2.8	29
78	Electrochemiluminescence modified electrodes based on RuSi@Ru(bpy)32+ loaded with gold functioned nanoporous CO/Co3O4 for detection of mycotoxin deoxynivalenol. Biosensors and Bioelectronics, 2015, 70, 28-33.	10.1	29
79	In situ Formed Co(TCNQ)₂ Metalâ€Organic Framework Array as a Highâ€Efficiency Catalyst for Oxygen Evolution Reactions. Chemistry - A European Journal, 2018, 24, 2075-2079.	3.3	29
80	Z-scheme bismuth-rich bismuth oxide iodide/bismuth oxide bromide hybrids with novel spatial structure: Efficient photocatalytic degradation of phenolic contaminants accelerated by in situ generated redox mediators. Journal of Colloid and Interface Science, 2022, 614, 233-246.	9.4	28
81	A simple label-free photoelectrochemical immunosensor for highly sensitive detection of aflatoxin B₁based on CdSâ€“Fe₃O₄magnetic nanocomposites. RSC Advances, 2015, 5, 19581-19586.	3.6	27
82	Facile synthesized highly active BiOI/Zn₂GeO₄ composites for the elimination of endocrine disrupter BPA under visible light irradiation. New Journal of Chemistry, 2015, 39, 3964-3972.	2.8	26
83	Magnetic hydroxypropyl chitosan functionalized graphene oxide as adsorbent for the removal of lead ions from aqueous solution. Desalination and Water Treatment, 2016, 57, 3975-3984.	1.0	24
84	Fabrication of N-GQDs and AgBiS2 dual-sensitized ZIFs-derived hollow ZnxCo3xO4 dodecahedron for sensitive photoelectrochemical aptasensing of ampicillin. Sensors and Actuators B: Chemical, 2020, 320, 128387.	7.8	23
85	Ultrasensitive dual amplification sandwich immunosensor for breast cancer susceptibility gene based on sheet materials. Analyst, The, 2014, 139, 3061-3068.	3.5	22
86	Novel visible-light driven g-C₃N₄/Zn_{0.25}Cd_{0.75}S composite photocatalyst for efficient degradation of dyes and reduction of Cr(<scp>vi</scp>) in water. RSC Advances, 2014, 4, 19980-19986.	3.6	21
87	Aerobic biodegradation of p-nitrophenol in a nitrifying sludge bioreactor: System performance, sludge property and microbial community shift. Journal of Environmental Management, 2020, 265, 110542.	7.8	20
88	An ultrasensitive electrochemical immunosensor for determination of estradiol using coralloid Cu₂S nanostructures as labels. RSC Advances, 2015, 5, 6512-6517.	3.6	19
89	Novel gold nanocluster electrochemiluminescence immunosensors based on nanoporous NiGdâ€“Ni2O3â€“Gd2O3 alloys. Biosensors and Bioelectronics, 2016, 75, 142-147.	10.1	19
90	Magnetic electrode-based electrochemical immunosensor using amorphous bimetallic sulfides of CoSnSx as signal amplifier for the NT pro BNP detection. Biosensors and Bioelectronics, 2019, 131, 250-256.	10.1	17

#	Article	IF	Citations
91	A biomimetic mussel-inspired photoelectrochemical biosensing chip for the sensitive detection of CD146. Analyst, The, 2015, 140, 5019-5022.	3.5	16
92	Preparation of Au-polydopamine functionalized carbon encapsulated Fe3O4 magnetic nanocomposites and their application for ultrasensitive detection of carcino-embryonic antigen. Scientific Reports, 2016, 6, 21017.	3.3	15
93	Molecular imprinted photoelectrochemical sensor for bisphenol A supported by flower-like AgBiS2/In2S3 matrix. Sensors and Actuators B: Chemical, 2021, 330, 129387.	7.8	15
94	Interface engineering of MoS2@Fe(OH)3 nanoarray heterostucture: Electrodeposition of MoS2@Fe(OH)3 as N2 and H+ channels for artificial NH3 synthesis under mild conditions. Journal of Colloid and Interface Science, 2022, 606, 1374-1379.	9.4	15
95	Enzyme-Free Colorimetric Immunoassay for Protein Biomarker Enabled by Loading and Disassembly Behaviors of Polydopamine Nanoparticles. ACS Applied Bio Materials, 2020, 3, 8841-8848.	4.6	14
96	An ultrasensitive electrochemical immunosensor for the detection of CD146 based on TiO₂ colloidal sphere laden Au/Pd nanoparticles. Analyst, The, 2015, 140, 3557-3564.	3.5	13
97	Ru(bpy)32+/nanoporous silver-based electrochemiluminescence immunosensor for alpha fetoprotein enhanced by gold nanoparticles decorated black carbon intercalated reduced graphene oxide. Scientific Reports, 2016, 6, 20348.	3.3	13
98	A sensitive biosensor of CdS sensitized BiVO4/GaON composite for the photoelectrochemical immunoassay of procalcitonin. Sensors and Actuators B: Chemical, 2021, 329, 129244.	7.8	13
99	[Ru(bpy)₃]²⁺@Ce-UiO-66/Mn:Bi₂S₃ Heterojunction and Its Exceptional Photoelectrochemical Aptasensing Properties for Ofloxacin Detection. ACS Applied Bio Materials, 2021, 4, 7186-7194.	4.6	13
100	An electrochemiluminescent immunosensor based on CdSâ€“Fe₃O₄nanocomposite electrodes for the detection of Ochratoxin A. New Journal of Chemistry, 2015, 39, 4259-4264.	2.8	10
101	Novel electrochemiluminescent platform based on gold nanoparticles functionalized Ti doped BiOBr for ultrasensitive immunosensing of NT-proBNP. Sensors and Actuators B: Chemical, 2018, 277, 401-407.	7.8	10
102	Efficient removal of graphene oxide by Fe3O4/MgAl-layered double hydroxide and oxide from aqueous solution. Journal of Molecular Liquids, 2019, 284, 300-306.	4.9	10
103	A label-free electrochemical immunosensor with a novel signal production and amplification strategy based on three-dimensional pine-like Auâ€“Cu nanodendrites. RSC Advances, 2015, 5, 31262-31269.	3.6	9
104	Comparison of soluble microbial products released from activated sludge and aerobic granular sludge systems in the presence of toxic 2,4-dichlorophenol. Bioprocess and Biosystems Engineering, 2017, 40, 309-318.	3.4	9
105	Self-powered photoelectrochemical aptasensor based on MIL-68(In) derived In2O3 hollow nanotubes and Ag doped ZnIn2S4 quantum dots for oxytetracycline detection. Talanta, 2022, 240, 123153.	5.5	9
106	Fabrication of highly active Melem/Zn0.25Cd0.75S composites for the degradation of bisphenol A and methyl orange under visible light irradiation. Applied Surface Science, 2016, 387, 513-520.	6.1	8
107	Production of soluble microbial products in aerobic granular sludge system under the stress of toxic 4-chlorophenol. Environmental Technology (United Kingdom), 2017, 38, 3192-3200.	2.2	8
108	Porous Feâ€“N-codoped carbon microspheres: an efficient and durable electrocatalyst for oxygen reduction reaction. Inorganic Chemistry Frontiers, 2018, 5, 2211-2217.	6.0	8

#	Article	IF	Citations
109	Mulberry-like gold nanospheres supported on graphene nanosheets: one-pot synthesis, characterization and photoelectrochemical property. New Journal of Chemistry, 2014, 38, 3166.	2.8	7
110	Ultrasensitive electrochemiluminescence immunosensor for detection of ochratoxin A based on gold nanoparticles-hybridized mesoporous carbon. Analytical Methods, 2014, 6, 5766-5770.	2.7	6
111	Synthesis of PtPb hollow nanoparticles and their application in an electrochemical immunosensor as signal tags for detection of dimethyl phthalate. RSC Advances, 2015, 5, 57346-57353.	3.6	6
112	Qualitative and quantitative spectrometric evaluation of soluble microbial products formation in aerobic granular sludge system treating nitrate wastewater. Bioprocess and Biosystems Engineering, 2018, 41, 841-850.	3.4	4
113	Anaerobic granular sludge-derived activated carbon: preparation, characterization and superior dye adsorption capacity. Desalination and Water Treatment, 2016, 57, 18016-18027.	1.0	2
114	High-performance ammonia fixation electrocatalyzed by ReS₂ nanosheet array. New Journal of Chemistry, 2021, 45, 11457-11460.	2.8	2