Liangguo Yan

List of Publications by Citations

114 papers	5,740 citations	43 h-index	72 g-index
114 ext. papers	6,546 ext. citations	8.1 avg, IF	5.9 L-index

#	Paper	IF	Citations
114	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	14.7	443
113	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, 211-20	12.8	384
112	Highly efficient removal of heavy metal ions by amine-functionalized mesoporous Fe3O4 nanoparticles. *Chemical Engineering Journal*, **2012**, 184, 132-140	14.7	287
111	Kinetic, isotherm and thermodynamic investigations of phosphate adsorption onto core-shell Fe□□@LDHs composites with easy magnetic separation assistance. *Journal of Colloid and Interface Science*, **2015**, 448, 508-16	9.3	199
110	Adsorption of Pb(II) and Hg(II) from aqueous solution using magnetic CoFe2O4-reduced graphene oxide. *Journal of Molecular Liquids*, **2014**, 191, 177-182	6	187
109	Label-free immunosensor for the detection of kanamycin using Ag@Fe□□nanoparticles and thionine mixed graphene sheet. *Biosensors and Bioelectronics*, **2013**, 48, 224-9	11.8	154
108	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, 112-20	9.3	143
107	Sulfur-Doped Graphene-Based Immunological Biosensing Platform for Multianalysis of Cancer Biomarkers. *ACS Applied Materials & Interfaces*, **2017**, 9, 37637-37644	9.5	128
106	Self-supported CoMoS4 nanosheet array as an efficient catalyst for hydrogen evolution reaction at neutral pH. *Nano Research*, **2018**, 11, 2024-2033	10	120
105	A MoS2 nanosheet□educed graphene oxide hybrid: an efficient electrocatalyst for electrocatalytic N2 reduction to NH3 under ambient conditions. *Journal of Materials Chemistry A*, **2019**, 7, 2524-2528	13	108
104	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	9.3	102
103	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	9.3	100
102	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	11.8	91
101	Facile fabrication of heterostructured g-C□N□/Bi□MoO□microspheres with highly efficient activity under visible light irradiation. *Dalton Transactions*, **2015**, 44, 1601-11	4.3	89
100	A sensitive electrochemiluminescence immunosensor based on Ru(bpy) in 3D CuNi oxalate as luminophores and graphene oxide-polyethylenimine as released Ru(bpy) initiator. *Biosensors and Bioelectronics*, **2017**, 89, 1020-1025	11.8	88
99	Adsorption of phosphate from aqueous solution by vegetable biochar/layered double oxides: Fast removal and mechanistic studies. *Bioresource Technology*, **2019**, 284, 65-71	11	87
98	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	5.7	87

97	EDTA modified Ecyclodextrin/chitosan for rapid removal of Pb(II) and acid red from aqueous solution. *Journal of Colloid and Interface Science*, **2018**, 523, 56-64	9.3	87
96	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	6	87
95	Electrochemiluminescent immunosensing of prostate-specific antigen based on silver nanoparticles-doped Pb (II) metal-organic framework. *Biosensors and Bioelectronics*, **2016**, 79, 379-85	11.8	85
94	Adsorption of benzoic acid from aqueous solution by three kinds of modified bentonites. *Journal of Colloid and Interface Science*, **2011**, 359, 499-504	9.3	78
93	Fabrication of heterostructured BiOCO/BiO photocatalyst and efficient photodegradation of organic contaminants under visible-light. *Journal of Hazardous Materials*, **2017**, 333, 169-178	12.8	76
92	Fabrication of a novel Z-scheme g-CN/BiO heterojunction photocatalyst with enhanced visible light-driven activity toward organic pollutants. *Journal of Colloid and Interface Science*, **2017**, 501, 123-132	9.3	75
91	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	9.3	68
90	Sensitive Insulin Detection based on Electrogenerated Chemiluminescence Resonance Energy Transfer between Ru(bpy)3(2+) and Au Nanoparticle-Doped ECyclodextrin-Pb (II) Metal-Organic Framework. *ACS Applied Materials & Interfaces*, **2016**, 8, 10121-7	9.5	68
89	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	10.4	64
88	Facile solvothermal synthesis of Fe3O4/bentonite for efficient removal of heavy metals from aqueous solution. *Powder Technology*, **2016**, 301, 632-640	5.2	64
87	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, 71-8	11.8	62
86	A prostate-specific antigen electrochemical immunosensor based on Pd NPs functionalized electroactive Co-MOF signal amplification strategy. *Biosensors and Bioelectronics*, **2019**, 132, 97-104	11.8	61
85	Fabrication of novel g-CN nanocrystals decorated AgPO hybrids: Enhanced charge separation and excellent visible-light driven photocatalytic activity. *Journal of Hazardous Materials*, **2017**, 339, 9-21	12.8	58
84	Corallite-like Magnetic Fe3O4@MnO2@Pt Nanocomposites as Multiple Signal Amplifiers for the Detection of Carcinoembryonic Antigen. *ACS Applied Materials & Interfaces*, **2015**, 7, 18786-93	9.5	58
83	Sandwich-type electrochemical immunosensor for the detection of AFP based on Pd octahedral and APTES-M-CeOEGS as signal labels. *Biosensors and Bioelectronics*, **2016**, 79, 482-7	11.8	58
82	Facile fabrication of 3D flower-like heterostructured g-C3N4/SnS2 composite with efficient photocatalytic activity under visible light. *RSC Advances*, **2014**, 4, 31019-31027	3.7	58
81	Metal ions-based immunosensor for simultaneous determination of estradiol and diethylstilbestrol. *Biosensors and Bioelectronics*, **2014**, 52, 225-31	11.8	58
80	Aerobic granules formation and simultaneous nitrogen and phosphorus removal treating high strength ammonia wastewater in sequencing batch reactor. *Bioresource Technology*, **2014**, 171, 211-6	11	58

79	A novel electrochemiluminescent immunosensor based on the quenching effect of aminated graphene on nitrogen-doped carbon quantum dots. *Analytica Chimica Acta*, **2015**, 889, 82-9	6.6	49
78	An ultrasensitive electrochemical immunosensor for CEA using MWCNT-NH supported PdPt nanocages as labels for signal amplification. *Journal of Materials Chemistry B*, **2015**, 3, 2006-2011	7.3	48
77	Fabrication of InS/ZnGeO composite photocatalyst for degradation of acetaminophen under visible light. *Journal of Colloid and Interface Science*, **2017**, 506, 197-206	9.3	47
76	Facile synthesis of hierarchical ZnIn2S4/CdIn2S4 microspheres with enhanced visible light driven photocatalytic activity. *Applied Surface Science*, **2017**, 407, 328-336	6.7	45
75	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	11.8	45
74	A competitive photoelectrochemical immunosensor for the detection of diethylstilbestrol based on an Au/UiO-66(NH)/CdS matrix and a direct Z-scheme Melem/CdTe heterojunction as labels. *Biosensors and Bioelectronics*, **2018**, 117, 575-582	11.8	44
73	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	8.5	43
72	Nanosheet Au/Co3O4-based ultrasensitive nonenzymatic immunosensor for melanoma adhesion molecule antigen. *Biosensors and Bioelectronics*, **2014**, 58, 345-50	11.8	43
71	CuS as co-reaction accelerator in PTCA-KSO system for enhancing electrochemiluminescence behavior of PTCA and its application in detection of amyloid-protein. *Biosensors and Bioelectronics* , **2019**, 126, 222-229	11.8	43
70	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	8.5	41
69	Facile fabrication of BiOI decorated NaNbO 3 cubes: A p junction photocatalyst with improved visible-light activity. *Applied Surface Science*, **2017**, 416, 288-295	6.7	40
68	Construction of dentate bonded TiO2-CdSe heterostructures with enhanced photoelectrochemical properties: versatile labels toward photoelectrochemical and electrochemical sensing. *Dalton Transactions*, **2015**, 44, 773-81	4.3	38
67	Fabrication of magnetic water-soluble hyperbranched polyol functionalized graphene oxide for high-efficiency water remediation. *Scientific Reports*, **2016**, 6, 28924	4.9	36
66	MnCO as a New Electrochemiluminescence Emitter for Ultrasensitive Bioanalysis of Amyloid Oligomers Based on Site-Directed Immobilization of Antibody. *ACS Applied Materials & Interfaces*, **2019**, 11, 7157-7163	9.5	35
65	Quench-type electrochemiluminescence immunosensor for detection of amyloid protein based on resonance energy transfer from luminol@SnS-Pd to Cu doped WO nanoparticles. *Biosensors and Bioelectronics*, **2019**, 133, 192-198	11.8	35
64	Fabrication of hierarchical MIL-68(In)-NH/MWCNT/CdS composites for constructing label-free photoelectrochemical tetracycline aptasensor platform. *Biosensors and Bioelectronics*, **2019**, 135, 88-94	11.8	33
63	A competitive photoelectrochemical assay for estradiol based on in situ generated CdS-enhanced TiO2. *Biosensors and Bioelectronics*, **2015**, 66, 596-602	11.8	33
62	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	12.8	33

61	Cubic Cu2O nanoframes with a unique edge-truncated structure and a good electrocatalytic activity for immunosensor application. *Biosensors and Bioelectronics*, **2016**, 78, 167-173	11.8	31
60	Copper-doped titanium dioxide nanoparticles as dual-functional labels for fabrication of electrochemical immunosensors. *Biosensors and Bioelectronics*, **2014**, 59, 335-41	11.8	31
59	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	7.9	31
58	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	8.5	31
57	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, 867-72	9.5	30
56	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	8.5	30
55	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	4.9	30
54	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	11.8	29
53	Efficient photocatalytic degradation of bisphenol A and dye pollutants over BiOI/Zn2SnO4 heterojunction photocatalyst. *RSC Advances*, **2015**, 5, 10688-10696	3.7	28
52	Fabrication of a heterostructured Ag/AgCl/Bi2MoO6 plasmonic photocatalyst with efficient visible light activity towards dyes. *RSC Advances*, **2015**, 5, 17245-17252	3.7	28
51	Enhanced aerobic granulation and nitrogen removal by the addition of zeolite powder in a sequencing batch reactor. *Applied Microbiology and Biotechnology*, **2013**, 97, 9235-43	5.7	28
50	Rod-like BiO decorated BiOCO plates: Facile synthesis, promoted charge separation, and highly efficient photocatalytic degradation of organic contaminants. *Journal of Colloid and Interface Science*, **2018**, 514, 240-249	9.3	27
49	Removal of Metanil Yellow from water environment by amino functionalized graphenes (NH2-G) □ Influence of surface chemistry of NH2-G. *Applied Surface Science*, **2013**, 284, 862-869	6.7	27
48	Adsorption and photocatalytic reduction of aqueous Cr(VI) by FeO-ZnAl-layered double hydroxide/TiO composites. *Journal of Colloid and Interface Science*, **2020**, 562, 493-501	9.3	27
47	Aerobic granular sludge-derived activated carbon: mineral acid modification and superior dye adsorption capacity. *RSC Advances*, **2015**, 5, 25279-25286	3.7	26
46	A novel electrochemical immunosensor using □-cyclodextrins functionalized silver supported adamantine-modified glucose oxidase as labels for ultrasensitive detection of alpha-fetoprotein. *Analytica Chimica Acta*, **2015**, 893, 49-56	6.6	26
45	Electrochemiluminescence modified electrodes based on RuSi@Ru(bpy)3(2+) loaded with gold functioned nanoporous CO/Co3O4 for detection of mycotoxin deoxynivalenol. *Biosensors and Bioelectronics*, **2015**, 70, 28-33	11.8	25
44	A novel magnetic polysaccharide□graphene oxide composite for removal of cationic dyes from aqueous solution. *New Journal of Chemistry*, **2015**, 39, 2908-2916	3.6	25

43	Cobalt-based metal-organic frameworks as co-reaction accelerator for enhancing electrochemiluminescence behavior of N-(aminobutyl)-N-(ethylisoluminol) and ultrasensitive immunosensing of amyloid-protein. *Sensors and Actuators B: Chemical*, **2019**, 291, 319-328	8.5	24
42	A ternary quenching electrochemiluminescence insulin immunosensor based on Mn released from MnO@Carbon core-shell nanospheres with ascorbic acid quenching AuPdPt-MoS@TiO enhanced luminol. *Biosensors and Bioelectronics*, **2019**, 142, 111551	11.8	24
41	A simple label-free photoelectrochemical immunosensor for highly sensitive detection of aflatoxin B1 based on CdSe3O4 magnetic nanocomposites. *RSC Advances*, **2015**, 5, 19581-19586	3.7	23
40	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	3.6	23
39	Photoelectrochemical competitive immunosensor for 17estradiol detection based on ZnInS@NH-MIL-125(Ti) amplified by PDA NS/Mn:ZnCdS. *Biosensors and Bioelectronics*, **2020**, 148, 111739	11.8	23
38	Synergistic adsorption and photocatalytic reduction of Cr(VI) using Zn-Al-layered double hydroxide and TiO2 composites. *Applied Surface Science*, **2019**, 492, 487-496	6.7	22
37	In situ Formed Co(TCNQ) Metal-Organic Framework Array as a High-Efficiency Catalyst for Oxygen Evolution Reactions. *Chemistry - A European Journal*, **2018**, 24, 2075-2079	4.8	20
36	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		20
35	Novel electrochemical immunosensor for sensitive monitoring of cardiac troponin I using antigen-response cargo released from mesoporous FeO. *Biosensors and Bioelectronics*, **2019**, 143, 111608	11.8	20
34	Novel visible-light driven g-C3N4/Zn0.25Cd0.75S composite photocatalyst for efficient degradation of dyes and reduction of Cr(VI) in water. *RSC Advances*, **2014**, 4, 19980-19986	3.7	20
33	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	9.5	20
32	Ultrasensitive dual amplification sandwich immunosensor for breast cancer susceptibility gene based on sheet materials. *Analyst, The*, **2014**, 139, 3061-8	5	19
31	Novel gold nanocluster electrochemiluminescence immunosensors based on nanoporous NiGd-Ni2O3-Gd2O3 alloys. *Biosensors and Bioelectronics*, **2016**, 75, 142-7	11.8	15
30	An ultrasensitive electrochemical immunosensor for determination of estradiol using coralloid Cu2S nanostructures as labels. *RSC Advances*, **2015**, 5, 6512-6517	3.7	15
29	Preparation of Au-polydopamine functionalized carbon encapsulated Fe magnetic nanocomposites and their application for ultrasensitive detection of carcino-embryonic antigen. *Scientific Reports*, **2016**, 6, 21017	4.9	14
28	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	7.9	14
27	Fabrication of N-GQDs and AgBiS2 dual-sensitized ZIFs-derived hollow ZnxCo3-xO4 dodecahedron for sensitive photoelectrochemical aptasensing of ampicillin. *Sensors and Actuators B: Chemical*, **2020**, 320, 128387	8.5	13
26	A biomimetic mussel-inspired photoelectrochemical biosensing chip for the sensitive detection of CD146. *Analyst, The*, **2015**, 140, 5019-22	5	13

25	Magnetic electrode-based electrochemical immunosensor using amorphous bimetallic sulfides of CoSnS as signal amplifier for the NTpro BNP detection. *Biosensors and Bioelectronics*, **2019**, 131, 250-256	11.8	11
24	An ultrasensitive electrochemical immunosensor for the detection of CD146 based on TiO2 colloidal sphere laden Au/Pd nanoparticles. *Analyst, The*, **2015**, 140, 3557-64	5	11
23	Ru(bpy)3(2+)/nanoporous silver-based electrochemiluminescence immunosensor for alpha fetoprotein enhanced by gold nanoparticles decorated black carbon intercalated reduced graphene oxide. *Scientific Reports*, **2016**, 6, 20348	4.9	11
22	Fabrication of MOF-derived tubular InO@SnInS hybrid: Heterojunction formation and promoted photocatalytic reduction of Cr(VI) under visible light. *Journal of Colloid and Interface Science*, **2021**, 596, 278-287	9.3	11
21	An electrochemiluminescent immunosensor based on CdSFe3O4 nanocomposite electrodes for the detection of Ochratoxin A. *New Journal of Chemistry*, **2015**, 39, 4259-4264	3.6	9
20	A label-free electrochemical immunosensor with a novel signal production and amplification strategy based on three-dimensional pine-like AuCu nanodendrites. *RSC Advances*, **2015**, 5, 31262-31269	3.7	9
19	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	2.6	8
18	Porous FeN-codoped carbon microspheres: an efficient and durable electrocatalyst for oxygen reduction reaction. *Inorganic Chemistry Frontiers*, **2018**, 5, 2211-2217	6.8	7
17	Mulberry-like gold nanospheres supported on graphene nanosheets: one-pot synthesis, characterization and photoelectrochemical property. *New Journal of Chemistry*, **2014**, 38, 3166	3.6	7
16	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	6.7	6
15	Ultrasensitive electrochemiluminescence immunosensor for detection of ochratoxin A based on gold nanoparticles-hybridized mesoporous carbon. *Analytical Methods*, **2014**, 6, 5766-5770	3.2	6
14	Efficient removal of graphene oxide by Fe3O4/MgAl-layered double hydroxide and oxide from aqueous solution. *Journal of Molecular Liquids*, **2019**, 284, 300-306	6	5
13	Molecular imprinted photoelectrochemical sensor for bisphenol A supported by flower-like AgBiS2/In2S3 matrix. *Sensors and Actuators B: Chemical*, **2021**, 330, 129387	8.5	5
12	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	8.5	5
11	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	3.7	4
10	Interface engineering of MoS@Fe(OH) nanoarray heterostucture: Electrodeposition of MoS@Fe(OH) as N and H channels for artificial NH synthesis under mild conditions. *Journal of Colloid and Interface Science*, **2022**, 606, 1374-1379	9.3	4
9	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	3.7	3
8	Enzyme-Free Colorimetric Immunoassay for Protein Biomarker Enabled by Loading and Disassembly Behaviors of Polydopamine Nanoparticles.. *ACS Applied Bio Materials*, **2020**, 3, 8841-8848	4.1	3

7	A sensitive biosensor of CdS sensitized BiVO4/GaON composite for the photoelectrochemical immunoassay of procalcitonin. *Sensors and Actuators B: Chemical*, **2021**, 329, 129244	8.5	3
6	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	3.7	2
5	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	9.3	2
4	[Ru(bpy)]@Ce-UiO-66/Mn:BiS Heterojunction and Its Exceptional Photoelectrochemical Aptasensing Properties for Ofloxacin Detection.. *ACS Applied Bio Materials*, **2021**, 4, 7186-7194	4.1	2
3	Anaerobic granular sludge-derived activated carbon: preparation, characterization and superior dye adsorption capacity. *Desalination and Water Treatment*, **2016**, 57, 18016-18027		1
2	Self-powered photoelectrochemical aptasensor based on MIL-68(In) derived InO hollow nanotubes and Ag doped ZnInS quantum dots for oxytetracycline detection.. *Talanta*, **2021**, 240, 123153	6.2	1
1	High-performance ammonia fixation electrocatalyzed by ReS2 nanosheet array. *New Journal of Chemistry*, **2021**, 45, 11457-11460	3.6	1