

# Liangguo Yan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phosphate-crosslinked $\beta$ -cyclodextrin polymer for highly efficient removal of Pb(II) from acidic wastewater. <i>New Journal of Chemistry</i> , 2022, 46, 3631-3639.	2.8	13
2	Efficient removal of Pb(II) and Cr(VI) from acidic wastewater using porous thiophosphoryl polyethyleneimine. <i>New Journal of Chemistry</i> , 2021, 45, 16196-16204.	2.8	7
3	Ultrafast and efficient removal of Pb(II) from acidic aqueous solution using a novel polyvinyl alcohol superabsorbent. <i>Chemosphere</i> , 2021, 282, 131032.	8.2	14
4	Photoelectrochemical competitive immunosensor for 17 $\beta$ -estradiol detection based on ZnIn <sub>2</sub> S <sub>4</sub> @NH <sub>2</sub> -MIL-125(Ti) amplified by PDA NS/Mn:ZnCdS. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111739.	10.1	39
5	A label-free photoelectrochemical aptasensing platform base on plasmon Au coupling with MOF-derived In <sub>2</sub> O <sub>3</sub> @g-C <sub>3</sub> N <sub>4</sub> nanoarchitectures for tetracycline detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126817.	7.8	71
6	Fabrication of hierarchical MIL-68(In)-NH <sub>2</sub> /MWCNT/CdS composites for constructing label-free photoelectrochemical tetracycline aptasensor platform. <i>Biosensors and Bioelectronics</i> , 2019, 135, 88-94.	10.1	48
7	EDTA modified $\beta$ -cyclodextrin/chitosan for rapid removal of Pb(II) and acid red from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 56-64.	9.4	111
8	Removal of Pb(II) and methylene blue from aqueous solution by magnetic hydroxyapatite-immobilized oxidized multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 380-388.	9.4	140
9	Rapid removal of Pb(II) from aqueous solution using branched polyethylenimine enhanced magnetic carboxymethyl chitosan optimized with response surface methodology. <i>Scientific Reports</i> , 2017, 7, 10264.	3.3	37
10	Fabrication of highly active Melem/Zn <sub>0.25</sub> Cd <sub>0.75</sub> S composites for the degradation of bisphenol A and methyl orange under visible light irradiation. <i>Applied Surface Science</i> , 2016, 387, 513-520.	6.1	8
11	Magnetic hydroxypropyl chitosan functionalized graphene oxide as adsorbent for the removal of lead ions from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 3975-3984.	1.0	24
12	Anaerobic granular sludge-derived activated carbon: preparation, characterization and superior dye adsorption capacity. <i>Desalination and Water Treatment</i> , 2016, 57, 18016-18027.	1.0	2
13	A novel magnetic polysaccharide-graphene oxide composite for removal of cationic dyes from aqueous solution. <i>New Journal of Chemistry</i> , 2015, 39, 2908-2916.	2.8	29
14	Fabrication of a heterostructured Ag/AgCl/Bi <sub>2</sub> MoO <sub>6</sub> plasmonic photocatalyst with efficient visible light activity towards dyes. <i>RSC Advances</i> , 2015, 5, 17245-17252.	3.6	31
15	An ultrasensitive electrochemical immunosensor for determination of estradiol using coraloid Cu <sub>2</sub> S nanostructures as labels. <i>RSC Advances</i> , 2015, 5, 6512-6517.	3.6	19
16	Removal of mercury and methylene blue from aqueous solution by xanthate functionalized magnetic graphene oxide: Sorption kinetic and uptake mechanism. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 112-120.	9.4	173
17	Copper-doped titanium dioxide nanoparticles as dual-functional labels for fabrication of electrochemical immunosensors. <i>Biosensors and Bioelectronics</i> , 2014, 59, 335-341.	10.1	37
18	Novel visible-light driven g-C <sub>3</sub> N <sub>4</sub> /Zn <sub>0.25</sub> Cd <sub>0.75</sub> S composite photocatalyst for efficient degradation of dyes and reduction of Cr(VI) in water. <i>RSC Advances</i> , 2014, 4, 19980-19986.	3.6	21