Xu Tang

List of Publications by Citations

40 papers	1,123 citations	17 h-index	33 g-index
40 ext. papers	1,396 ext. citations	5.6 avg, IF	4.62 L-index

#	Paper	IF	Citations
40	Construction of high-dispersed Ag/Fe3O4/g-C3N4 photocatalyst by selective photo-deposition and improved photocatalytic activity. *Applied Catalysis B: Environmental*, **2016**, 182, 115-122	21.8	307
39	Fabrication of conductive and high-dispersed Ppy@Ag/g-C3N4 composite photocatalysts for removing various pollutants in water. *Applied Surface Science*, **2016**, 387, 366-374	6.7	89
38	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C3N4 by first principle. *Applied Catalysis B: Environmental*, **2019**, 241, 319-328	21.8	82
37	Synthesis Ce-doped biomass carbon-based g-C3N4 via plant growing guide and temperature-programmed technique for degrading 2-Mercaptobenzothiazole. *Applied Catalysis B: Environmental*, **2020**, 268, 118432	21.8	57
36	A multifunctional Schiff base as a fluorescence sensor for Fe and Zn ions, and a colorimetric sensor for Cu and applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017** , 173, 721-726	4.4	49
35	Constructing of the Magnetic Photocatalytic Nanoreactor for Cascade Catalytic Degrading of Tetracycline. *Journal of Physical Chemistry C*, **2016**, 120, 27250-27258	3.8	48
34	Enhanced photoreduction CO2 activity on g-C3N4: By synergistic effect of nitrogen defective-enriched and porous structure, and mechanism insights. *Chemical Engineering Journal*, **2020**, 388, 124288	14.7	38
33	A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu and Cd ions. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 205, 597-602	4.4	37
32	A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. *Talanta*, **2016**, 161, 847-853	6.2	37
31	Integrated method of thermosensitive triblock copolymer-salt aqueous two phase extraction and dialysis membrane separation for purification of lycium barbarum polysaccharide. *Food Chemistry*, **2016**, 194, 257-64	8.5	35
30	A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. *Dalton Transactions*, **2018**, 47, 3378-3387	4.3	31
29	Studying of Co-doped g-C3N4 and modified with Fe3O4 quantum dots on removing tetracycline. *Journal of Alloys and Compounds*, **2019**, 775, 248-258	5.7	29
28	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. *Food Chemistry*, **2016**, 190, 1130-1136	8.5	28
27	A fluorescent chemosensor for Cu2+ ions and its application in cell imaging. *Tetrahedron*, **2017**, 73, 1367-1373	2.4	23
26	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. *Bioprocess and Biosystems Engineering*, **2018**, 41, 1051-1060	3.7	22
25	A relay identification fluorescence probe for Fe and phosphate anion and its applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 191, 172-179	4.4	21
24	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 211, 299-305	4.4	19

23	A 2D mesoporous photocatalyst constructed by the modification of biochar on BiOCl ultrathin nanosheets for enhancing the TC-HCl degradation activity. *New Journal of Chemistry*, **2020**, 44, 79-86	3.6	16
22	Synthesis of magnetic biomass carbon-based Bi2O3 photocatalyst and mechanism insight by a facile microwave and deposition method. *New Journal of Chemistry*, **2019**, 43, 2888-2898	3.6	15
21	The fabrication of a biomass carbon quantum dot-Bi2WO6 hybrid photocatalyst with high performance for antibiotic degradation. *New Journal of Chemistry*, **2019**, 43, 18860-18867	3.6	15
20	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 184, 177-183	4.4	13
19	Sulfur-doped g-C3N4 for efficient photocatalytic CO2 reduction: insights by experiment and first-principles calculations. *Catalysis Science and Technology*, **2021**, 11, 1725-1736	5.5	12
18	A novel ratiometric and colorimetric fluorescent probe for hypochlorite based on cyanobiphenyl and its applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 219, 576-581	4.4	11
17	Fabrication of CoFe2O4-modified and HNTs-supported g-C3N4 heterojunction photocatalysts for enhancing MBT degradation activity under visible light. *Journal of Materials Science*, **2020**, 55, 4358-4371	4.3	11
16	A heterojunction photocatalyst constructed by the modification of 2D-CeO2 on 2D-MoS2 nanosheets with enhanced degrading activity. *Catalysis Science and Technology*, **2020**, 10, 788-800	5.5	11
15	Selective transport of cadmium(II) through hollow fiber-supported liquid membrane microextraction using diaza-18-crown-6 in ionic liquids as carrier. *Journal of the Iranian Chemical Society*, **2016**, 13, 403-410	2	7
14	Fabrication of corncob-derived biomass charcoal decorated g-C3N4 photocatalysts for removing 2-mercaptobenzothiazole. *New Journal of Chemistry*, **2020**, 44, 15908-15918	3.6	7
13	Phenylboronic acid-functionalized core–shell magnetic composite nanoparticles as a novel protocol for selective enrichment of fructose from a fructose–glucose aqueous solution. *New Journal of Chemistry*, **2017**, 41, 13399-13407	3.6	6
12	Construction of a rod-like Bi2O4 modified porous g-C3N4 nanosheets heterojunction photocatalyst for the degradation of tetracycline. *New Journal of Chemistry*, **2020**, 44, 9725-9735	3.6	5
11	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. *Luminescence*, **2018**, 33, 15-21	2.5	5
10	Synthesis of a phenylboronic acid-functionalized thermosensitive block copolymer and its application in separation and purification of vicinal-diol-containing compounds. *RSC Advances*, **2016**, 6, 82309-82320	3.7	5
9	Developed a novel quinazolinone based turn-on fluorescence probe for highly selective monitoring hypochlorite and its bioimaging applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 228, 117845	4.4	5
8	Fabrication of a Z-scheme MoS2/CuO heterojunction for enhanced 2-mercaptobenzothiazole degradation activity and mechanism insight. *New Journal of Chemistry*, **2020**, 44, 18264-18273	3.6	5
7	A novel cyclic non-ligand dual-cloud point extraction for the preconcentration of cadmium(II) through pH regulation in food and environmental matrices. *New Journal of Chemistry*, **2015**, 39, 9116-9123	3.6	4
6	Separation, purification of anthocyanin and vitis linn polysaccharide from grape juice by the two-step extraction and dialysis. *Journal of Food Processing and Preservation*, **2018**, 42, e13344	2.1	4

5	Insight into the Effect of the Cl 3p Orbital on g-C3N4 Mimicking Photosynthesis under CO2 Reduction. *Journal of Physical Chemistry C*, **2021**, 125, 9646-9656	3.8	4
4	Construction of a CsPbBr3 modified porous g-C3N4 photocatalyst for effective reduction of CO2 and mechanism exploration. *New Journal of Chemistry*, **2021**, 45, 1082-1091	3.6	4
3	Synchronized separation, concentration and determination of trace chloramphenicol, thiamphenicol and florfenicol in food by using polyoxyethylene cetyl ether-salt aqueous two-phase system coupled with high-performance liquid chromatography. *Journal of the Iranian Chemical Society*, **2016**, 13, 1759-1765	2	3
2	A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. *RSC Advances*, **2016**, 6, 80885-80895	3.7	2
1	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. *Journal of Dispersion Science and Technology*, **2017**, 38, 1388-1395	1.5	1