

# Xu Tang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Insight into the Effect of the Cl 3p Orbital on g-C3N4 Mimicking Photosynthesis under CO2 Reduction. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 9646-9656	3.8	4
39	Construction of a CsPbBr3 modified porous g-C3N4 photocatalyst for effective reduction of CO2 and mechanism exploration. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1082-1091	3.6	4
38	Sulfur-doped g-C3N4 for efficient photocatalytic CO2 reduction: insights by experiment and first-principles calculations. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 1725-1736	5.5	12
37	Construction of a rod-like Bi2O4 modified porous g-C3N4 nanosheets heterojunction photocatalyst for the degradation of tetracycline. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9725-9735	3.6	5
36	Fabrication of CoFe2O4-modified and HNTs-supported g-C3N4 heterojunction photocatalysts for enhancing MBT degradation activity under visible light. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 4358-4374	4.3	11
35	A heterojunction photocatalyst constructed by the modification of 2D-CeO2 on 2D-MoS2 nanosheets with enhanced degrading activity. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 788-800	5.5	11
34	A 2D mesoporous photocatalyst constructed by the modification of biochar on BiOCl ultrathin nanosheets for enhancing the TC-HCl degradation activity. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 79-86	3.6	16
33	Synthesis Ce-doped biomass carbon-based g-C3N4 via plant growing guide and temperature-programmed technique for degrading 2-Mercaptobenzothiazole. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118432	21.8	57
32	Developed a novel quinazolinone based turn-on fluorescence probe for highly selective monitoring hypochlorite and its bioimaging applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117845	4.4	5
31	Fabrication of a Z-scheme MoS2/CuO heterojunction for enhanced 2-mercaptobenzothiazole degradation activity and mechanism insight. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18264-18273	3.6	5
30	Enhanced photoreduction CO2 activity on g-C3N4: By synergistic effect of nitrogen defective-enriched and porous structure, and mechanism insights. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124288	14.7	38
29	Fabrication of corncob-derived biomass charcoal decorated g-C3N4 photocatalysts for removing 2-mercaptobenzothiazole. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 15908-15918	3.6	7
28	Synthesis of magnetic biomass carbon-based Bi2O3 photocatalyst and mechanism insight by a facile microwave and deposition method. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2888-2898	3.6	15
27	A novel ratiometric and colorimetric fluorescent probe for hypochlorite based on cyanobiphenyl and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 219, 576-581	4.4	11
26	The fabrication of a biomass carbon quantum dot-Bi2WO6 hybrid photocatalyst with high performance for antibiotic degradation. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 18860-18867	3.6	15
25	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C3N4 by first principle. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 319-328	21.8	82
24	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 211, 299-305	4.4	19

23	Studying of Co-doped g-C3N4 and modified with Fe3O4 quantum dots on removing tetracycline. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 775, 248-258	5.7	29
22	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. <i>Bioprocess and Biosystems Engineering</i> , <b>2018</b> , 41, 1051-1060	3.7	22
21	A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. <i>Dalton Transactions</i> , <b>2018</b> , 47, 3378-3387	4.3	31
20	Separation, purification of anthocyanin and vitis linn polysaccharide from grape juice by the two-step extraction and dialysis. <i>Journal of Food Processing and Preservation</i> , <b>2018</b> , 42, e13344	2.1	4
19	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. <i>Luminescence</i> , <b>2018</b> , 33, 15-21	2.5	5
18	A relay identification fluorescence probe for Fe and phosphate anion and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 191, 172-179	4.4	21
17	A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu and Cd ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 205, 597-602	4.4	37
16	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 1388-1395	1.5	1
15	A fluorescent chemosensor for Cu <sup>2+</sup> ions and its application in cell imaging. <i>Tetrahedron</i> , <b>2017</b> , 73, 13672-1373	2.73	23
14	Phenylboronic acid-functionalized core-shell magnetic composite nanoparticles as a novel protocol for selective enrichment of fructose from a fructose-glucose aqueous solution. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13399-13407	3.6	6
13	A multifunctional Schiff base as a fluorescence sensor for Fe and Zn ions, and a colorimetric sensor for Cu and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 173, 721-726	4.4	49
12	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 184, 177-183	4.4	13
11	Construction of high-dispersed Ag/Fe3O4/g-C3N4 photocatalyst by selective photo-deposition and improved photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 182, 115-122	21.8	307
10	Integrated method of thermosensitive triblock copolymer-salt aqueous two phase extraction and dialysis membrane separation for purification of lycium barbarum polysaccharide. <i>Food Chemistry</i> , <b>2016</b> , 194, 257-64	8.5	35
9	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. <i>Food Chemistry</i> , <b>2016</b> , 190, 1130-1136	8.5	28
8	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. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 42, 1750-1755	2	3
7	Synthesis of a phenylboronic acid-functionalized thermosensitive block copolymer and its application in separation and purification of vicinal-diol-containing compounds. <i>RSC Advances</i> , <b>2016</b> , 6, 82309-82320	3.7	5
6	A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. <i>RSC Advances</i> , <b>2016</b> , 6, 80885-80895	3.7	2

5	Constructing of the Magnetic Photocatalytic Nanoreactor [email[protected]] for Cascade Catalytic Degrading of Tetracycline. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27250-27258	3.8	48
4	Selective transport of cadmium(II) through hollow fiber-supported liquid membrane microextraction using diaza-18-crown-6 in ionic liquids as carrier. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 403-410	2	7
3	Fabrication of conductive and high-dispersed Ppy@Ag/g-C3N4 composite photocatalysts for removing various pollutants in water. <i>Applied Surface Science</i> , <b>2016</b> , 387, 366-374	6.7	89
2	A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. <i>Talanta</i> , <b>2016</b> , 161, 847-853	6.2	37
1	A novel cyclic non-ligand dual-cloud point extraction for the preconcentration of cadmium(II) through pH regulation in food and environmental matrices. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 9116-9123	3.6	4