

# Tiandu Sheng

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

837  
citations

687363

13  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @CS-TETA functionalized graphene oxide for the adsorption of methylene blue (MB) and Cu(II). <i>Applied Surface Science</i> , 2017, 420, 970-981.	6.1	147
2	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. <i>ACS Nano</i> , 2019, 13, 9074-9081.	14.6	115
3	Wrapping Nanocellulose Nets around Graphene Oxide Sheets. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8508-8513.	13.8	93
4	Triethylenetetramine-modified hollow Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> /chitosan magnetic nanocomposites for removal of Cr(VI) ions with high adsorption capacity and rapid rate. <i>Microporous and Mesoporous Materials</i> , 2020, 297, 110041.	4.4	74
5	Fabrication of xanthate-modified chitosan/poly(N-isopropylacrylamide) composite hydrogel for the selective adsorption of Cu(II), Pb(II) and Ni(II) metal ions. <i>Chemical Engineering Research and Design</i> , 2018, 139, 197-210.	5.6	71
6	A novel PVDF/PFSA-g-GO ultrafiltration membrane with enhanced permeation and antifouling performances. <i>Separation and Purification Technology</i> , 2020, 233, 116038.	7.9	66
7	Facile assembling of novel polypyrrole nanocomposites theranostic agent for magnetic resonance and computed tomography imaging guided efficient photothermal ablation of tumors. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 547-555.	9.4	32
8	Facile one-pot synthesis of Fe <sub>3</sub> O <sub>4</sub> @chitosan nanospheres for MRI and fluorescence imaging guided chemo-photothermal combinational cancer therapy. <i>Dalton Transactions</i> , 2016, 45, 19519-19528.	3.3	27
9	Facile construction of dual functional Fe <sub>3</sub> O <sub>4</sub> @C-MoO <sub>2</sub> -Ni composites for catalysis and adsorption. <i>Applied Surface Science</i> , 2019, 494, 783-794.	6.1	27
10	Magnetically recyclable core-shell MOF nanoparticles of Fe <sub>3</sub> O <sub>4</sub> @PDA@UIO-66-NH <sub>2</sub> grafted by organic acids for intensified cationic dye adsorption. <i>New Journal of Chemistry</i> , 2022, 46, 11071-11081.	2.8	21
11	Facile fabrication of a magnetically smart PTX-loaded Cys-Fe <sub>3</sub> O <sub>4</sub> /CuS@BSA nano-drug for imaging-guided chemo-photothermal therapy. <i>Dalton Transactions</i> , 2017, 46, 2204-2213.	3.3	18
12	Amperometric sensor for dopamine based on surface-graphenization pencil graphite electrode prepared by in-situ electrochemical delamination. <i>Mikrochimica Acta</i> , 2019, 186, 324.	5.0	18
13	Molecular Simulation Approaches for the Prediction of Unknown Crystal Structures and Solubilities of (<i>R</i>)- and (<i>S</i>)-Crizotinib in Organic Solvents. <i>Crystal Growth and Design</i> , 2019, 19, 5882-5895.	3.0	17
14	Preparation and adsorbability of magnetic composites based on cellulose nanofiber/graphene oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 639, 128373.	4.7	14
15	Experimental and Molecular Dynamics Simulation Study on the Primary Nucleation of Penicillamine Racemate and Its Enantiomers in the Mixture Solvent of Water and Ethanol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 21957-21968.	3.7	13
16	A graphene oxide modified cellulose nanocrystal/PNIPAAm IPN hydrogel for the adsorption of Congo red and methylene blue. <i>New Journal of Chemistry</i> , 2021, 45, 16679-16688.	2.8	12
17	Solubility of Two Polymorphs of Erlotinib Hydrochloride in Isopropanol and Acetone from (273.15 to T) J ETQq1 1 0.784314 rgBT /Over to	1.9	11
18	Effect of Additives on Preferential Crystallization for the Chiral Resolution of Citrulline: Experimental, Statistical, and Molecular Dynamics Simulation Studies. <i>Crystal Growth and Design</i> , 2022, 22, 2392-2406.	3.0	11

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19	The construction of CuCo <sub>2</sub> O <sub>4</sub> /N-doped reduced graphene oxide hybrid hollow spheres as anodes for sodium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 6739-6746.	2.8	10
20	Solubility Measurement and Simulation of Rivaroxaban (Form I) in Solvent Mixtures from 273.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 495-503.	1.9	9
21	Tetraethylenepentamine modified magnetic cellulose nanocrystal composites for removal of Congo red with high adsorption capacity. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 1858-1871.	2.4	7
22	Preparation of a PES/PFSA-g-MWCNT ultrafiltration membrane with improved permeation and antifouling properties. <i>New Journal of Chemistry</i> , 2021, 45, 4950-4962.	2.8	6
23	Direct Crystallization Resolution of Racemates Enhanced by Chiral Nanorods: Experimental, Statistical, and Quantum Mechanics/Molecular Dynamics Simulation Studies. <i>ACS Omega</i> , 2022, 7, 19828-19841.	3.5	6
24	Using Amphiphilic Polymer Micelles as the Templates of Antisolvent Crystallization to Produce Drug Nanocrystals. <i>ACS Omega</i> , 2022, 7, 21000-21013.	3.5	5
25	Synthesis of Amine-Terminated Polyether over Cobalt Catalyst: Influence of Reaction Parameters. <i>Materials and Manufacturing Processes</i> , 2014, 29, 738-742.	4.7	3
26	Doubly modified MWCNTs embedded in polyethersulfone (PES) ultrafiltration membrane and its anti-fouling performance. <i>Journal of Polymer Engineering</i> , 2022, 42, 885-898.	1.4	3
27	Lattice Boltzmann phase field simulations of droplet slicing. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, .	1.7	1