

# Furong Tao

## List of Publications by Year in descending order

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times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel TiO <sub>2</sub> @stearic acid/chitosan coating with reversible wettability for controllable oil/water and emulsions separation. Carbohydrate Polymers, 2020, 232, 115807.	10.2	69
2	Charge-Dependent Strategy Enables a Single Fluorescent Probe to Study the Interaction Relationship between Mitochondria and Lipid Droplets. ACS Sensors, 2021, 6, 1595-1603.	7.8	44
3	Efficient Oxidative Transformation of Furfural into Succinic Acid over Acidic Metal-Free Graphene Oxide. ACS Sustainable Chemistry and Engineering, 2019, 7, 296-305.	6.7	40
4	A new dibenzothiophene-based dual-channel chemosensor for cyanide with aggregation induced emission. Analytical Methods, 2019, 11, 5553-5561.	2.7	22
5	Multi-purpose barbituric acid derivatives with aggregation induced emission. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 223, 117320.	3.9	13
6	A novel double-layer electrospun nanofibrous membrane sensor for detecting nitroaromatic compounds. Journal of Materials Science, 2016, 51, 10350-10360.	3.7	11
7	L-Glutamic Acid Crosslinked Cellulose Ester Films for Heavy Metal Ions Adsorption. Journal of Polymers and the Environment, 2020, 28, 1302-1314.	5.0	11
8	Biomass-based superhydrophobic coating with tunable colors and excellent robustness. Carbohydrate Polymers, 2021, 270, 118401.	10.2	11
9	CdS/MoS <sub>2</sub> Nanoparticles on Nanoribbon Heterostructures with Boosted Photocatalytic H <sub>2</sub> Evolution under Visible Light Irradiation. ChemistrySelect, 2021, 6, 2561-2568.	1.5	9
10	Preparation of a hyperbranched porous polymer and its sensing performance for nitroaromatics. New Journal of Chemistry, 2018, 42, 12802-12810.	2.8	7
11	Enhanced photostability of aggregation induced emission by hydrophobic groups. Analytica Chimica Acta, 2021, 1186, 339076.	5.4	7
12	Super-quenching: Multiple migration channels of excitons cause area quenching. Materials Chemistry and Physics, 2020, 243, 122657.	4.0	4
13	Tunable Electric and Magnetic Properties of Transition Metal@N <sub>x</sub> C <sub>y</sub> @Graphene Materials by Different Metal and Defect Types. Chemistry - an Asian Journal, 2021, 16, 3230-3235.	3.3	3
14	Fluorescent film sensor for nitroaromatics prepared via grafting a conjugated polymer on a glass slide surface. Russian Journal of Physical Chemistry A, 2016, 90, 399-405.	0.6	1