

# Ye-Bang Tan

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

631  
citations

516710

16  
h-index

642732

23  
g-index

40  
all docs

40  
docs citations

40  
times ranked

660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and application of dual thermo- and solvent-responsive double-hydrophilic diblock copolymers of N-acryloylmorpholine and N-isopropylacrylamide. <i>Journal of Molecular Liquids</i> , 2022, 357, 119053.	4.9	7
2	Supramolecular topology controlled self-healing conformal hydrogels for stable human-machine interfaces. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8077-8088.	5.5	16
3	Fluorescence enhancement and cytotoxicity reduction of bis-viologen biphenyl by complexation of cucurbit[7]uril. <i>Chinese Chemical Letters</i> , 2021, 32, 725-728.	9.0	9
4	Triple stimulation-responsive behavior of pseudorotaxane polymer assembled by amphiphilic polymer and cucurbit[7]uril in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126271.	4.7	2
5	Fabricating a heavy oil viscosity reducer with weak interaction effect: Synthesis and viscosity reduction mechanism. <i>Colloids and Interface Science Communications</i> , 2021, 42, 100426.	4.1	17
6	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22332-22338.	13.8	28
7	Novel epigallocatechin gallate-based polyether surfactants: Synthesis, characterization and demulsification properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126757.	4.7	4
8	A novel hyper-cross-linked polymer for high-efficient fluid-loss control in oil-based drilling fluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127004.	4.7	20
9	Synthesis of a Micro-Crosslinked Polyacrylamide Flocculant and Its Application in Treatment of Oily Produced Water. <i>Energy &amp; Fuels</i> , 2021, 35, 18396-18405.	5.1	6
10	Self-assembly of an alkynylpyrene derivative for multi-responsive fluorescence behavior and photoswitching performance. <i>Soft Matter</i> , 2020, 16, 7390-7399.	2.7	14
11	Proanthocyanidin-Based Polyether Demulsifiers for the Treatment of Aging Oil Emulsions. <i>Energy &amp; Fuels</i> , 2020, 34, 5788-5797.	5.1	16
12	Tunable Fluorescence-Responsive Double Hydrophilic Block Polymers Induced by the Formation of Pseudopolyrotaxanes with Cucurbit[7]Uril. <i>Polymers</i> , 2019, 11, 1470.	4.5	6
13	Heavy Oil Viscosity Reduction Performance of Novel Water-Soluble Terpolymers. <i>Energy &amp; Fuels</i> , 2019, 33, 9736-9746.	5.1	26
14	G-Quadruplex based hydrogels stabilized by a cationic polymer as an efficient adsorbent of picric acid. <i>New Journal of Chemistry</i> , 2019, 43, 18331-18338.	2.8	9
15	Dual-cross-linked dynamic hydrogels with cucurbit[8]uril and imine linkages. <i>Soft Matter</i> , 2019, 15, 9797-9804.	2.7	16
16	Practical Modification of Tannic Acid Polyether Demulsifier and Its Highly Efficient Demulsification for Water-in-Aging Crude Oil Emulsions. <i>ACS Omega</i> , 2019, 4, 20697-20707.	3.5	12
17	Preparation of lysine-decorated polymer-brush-grafted magnetic nanocomposite for the efficient and selective adsorption of organic dye. <i>Applied Surface Science</i> , 2018, 441, 654-662.	6.1	27
18	Self-Assembly of Europium-Containing Polyoxometalates/Tetra-alkyl Ammonium with Enhanced Emission for Cu <sup>2+</sup> Detection. <i>ACS Omega</i> , 2018, 3, 14953-14961.	3.5	12

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19	Long Branched-Chain Amphiphilic Copolymers: Synthesis, Properties, and Application in Heavy Oil Recovery. <i>Energy &amp; Fuels</i> , 2018, 32, 7002-7010.	5.1	24
20	Self-assembly of ionic-liquid-type imidazolium gemini surfactant with polyoxometalates into supramolecular architectures for photocatalytic degradation of dye. <i>Journal of Molecular Liquids</i> , 2018, 272, 180-187.	4.9	26
21	Permeable, robust and magnetic hydrogel beads: water droplet templating synthesis and utilization for heavy metal ions removal. <i>Journal of Materials Science</i> , 2018, 53, 15009-15024.	3.7	23
22	GMP-quadruplex-based hydrogels stabilized by lanthanide ions. <i>Science China Chemistry</i> , 2018, 61, 604-612.	8.2	24
23	Noval tannic acid-based polyether as an effective demulsifier for water-in-oil emulsions. <i>Chemical Engineering Journal</i> , 2018, 354, 1110-1119.	12.7	65
24	Preparation of dithiocarbamate polymer brush grafted nanocomposites for rapid and enhanced capture of heavy metal ions. <i>RSC Advances</i> , 2017, 7, 13112-13122.	3.6	27
25	Thermal responsiveness and binding affinity of cucurbit[7]uril terminal poly( <i>N</i> -isopropylacrylamide). <i>New Journal of Chemistry</i> , 2017, 41, 14831-14834.	2.8	1
26	Controlled gelation kinetics of cucurbit[7]uril-adamantane cross-linked supramolecular hydrogels with competing guest molecules. <i>Scientific Reports</i> , 2016, 6, 20722.	3.3	36
27	Synthesis and Properties of a Novel Branched Polyether Surfactant. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 1107-1120.	2.1	10
28	Tuning thermal gelling behavior of <i>N</i> -isopropylacrylamide based copolymer through introducing cucurbit[8]uril ternary complex on side-chain. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1251-1260.	3.8	8
29	Synthesis and properties of novel branched polyether as demulsifiers for polymer flooding. <i>Colloid and Polymer Science</i> , 2016, 294, 1943-1958.	2.1	33
30	Novel bile acid sequestrant: A biodegradable hydrogel based on amphiphilic allylamine copolymer. <i>Chemical Engineering Journal</i> , 2016, 304, 493-502.	12.7	18
31	An "in-water"™ halogen-ion compatible "click" catalyst for cucurbituril guest ligation. <i>Supramolecular Chemistry</i> , 2016, 28, 801-809.	1.2	10
32	Synthesis of linear cucurbit[7]uril pendent copolymers through radical polymerization: Polymers with ultra-high binding affinity. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1748-1752.	2.3	13
33	A fluorescent guest used to determinate the effective content of CB[8] and to further detect methyl viologen. <i>Chinese Chemical Letters</i> , 2013, 24, 857-860.	9.0	6
34	Synthesis and characterization of pH-Responsive block copolymers with primary amine groups. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 389-395.	2.6	0
35	A supramolecular switch based on three binding states of a pyrene derivate: a reversible three-state switch with only two stimuli. <i>RSC Advances</i> , 2013, 3, 13311.	3.6	13
36	Synthesis and properties of copolymers containing cucurbit[6]uril-based pseudorotaxane structure. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012, 30, 578-588.	3.8	4

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37	Aggregation behavior of block polyethers with branched structure at air/water surface. European Polymer Journal, 2009, 45, 2540-2548.	5.4	26
38	Rheological properties of novel thermo-responsive polycarbonates aqueous solutions. Central South University, 2008, 15, 102-106.	0.5	0
39	Rheological properties of poly(acrylamide-co-sodium acrylate) and poly(acrylamide-co-sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	4
40	Total Synthesis of (-)-Praziquantel: An Anthelmintic Drug. Journal of Chemical Research, 2004, 2004, 186-187.	1.3	13