

# Jun Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,057  
citations

394421

19  
h-index

454955

30  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen-tolerant RAFT Polymerization Catalyzed by a Recyclable Biomimetic Mineralization Enhanced Biological Cascade System. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100559.	3.9	13
2	Fe <sup>3+</sup> -Coordination mediated synergistic dual-network conductive hydrogel as a sensitive and highly-stretchable strain sensor with adjustable mechanical properties. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1442-1452.	5.8	14
3	Sustainable and high-performance Zn dual-ion batteries with a hydrogel-based water-in-salt electrolyte. <i>Energy Storage Materials</i> , 2022, 47, 187-194.	18.0	33
4	Bioenhanced Rapid Redox Initiation for RAFT Polymerization in the Air. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	3.9	4
5	Investigation on modified polyether as an efficient CO <sub>2</sub> thickener. <i>New Journal of Chemistry</i> , 2021, 45, 651-656.	2.8	7
6	Bio-inspired Mn <sub>3</sub> O <sub>4</sub> @N, P-doped carbon cathode for 2.6 V flexible aqueous asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 407, 126874.	12.7	24
7	Supramolecular Engineering of Efficient Artificial Light-Harvesting Systems from Cyanovinylene Chromophores and Pillar[5]arene-Based Polymer Hosts. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4593-4604.	8.0	50
8	Welding partially reduced graphene oxides by MOFs into micro-mesoporous hybrids for high-performance oil absorption. <i>RSC Advances</i> , 2021, 11, 30980-30989.	3.6	2
9	Enhanced electromechanical performance through chemistry graft copper phthalocyanine to siloxane-modified polyurethane and interpenetrate with siloxane silicon rubber as composite actuator material. <i>IET Nanodielectrics</i> , 2021, 4, 38-44.	4.1	6
10	Research on polyether-based hydrocarbon thickener for CO <sub>2</sub> . <i>Fluid Phase Equilibria</i> , 2021, 532, 112932.	2.5	6
11	Recent Advances of Polymer-Based Pure Organic Room Temperature Phosphorescent Materials. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100021.	3.9	38
12	Jahn-Teller Distortion Induced Mn <sup>2+</sup> -Rich Cathode Enables Optimal Flexible Aqueous High-Voltage Zn-Mn Batteries. <i>Advanced Science</i> , 2021, 8, 2004995.	11.2	49
13	Insights into high molecular weight poly(ethylene 2,5-furandicarboxylate) with satisfactory appearance: Roles of in-situ catalysis of metal zinc. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 99, 422-430.	5.8	11
14	Bioinspired, Nanostructure-Amplified, Subcutaneous Light Harvesting to Power Implantable Biomedical Electronics. <i>ACS Nano</i> , 2021, 15, 12475-12482.	14.6	11
15	Polyacrylamide-Based Binary Luminescent Copolymer Materials Exhibit Color-Tunable and Efficient Long-Lived Room Temperature Phosphorescence. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100544.	3.9	5
16	Synergistic catalysis of imidazole acetate ionic liquids for the methanolysis of spiral poly(ethylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	9.0	20
17	Glucose oxidase and Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> /Ag <sub>3</sub> PO <sub>4</sub> co-embedded biomimetic mineralization hydrogels as controllable ROS generators for accelerating diabetic wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6190-6200.	5.8	30
18	A conductive polyacrylamide hydrogel enabled by dispersion-enhanced MXene@chitosan assembly for highly stretchable and sensitive wearable skin. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8862-8870.	5.8	25

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19	Recyclable and tear-resistant all-in-one supercapacitor with dynamic electrode/electrolyte interface. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 629-637.	9.4	46
20	Degradation of phenol using a peroxidase mimetic catalyst through conjugating deuterohemin-peptide onto metal-organic framework with enhanced catalytic activity. <i>Catalysis Communications</i> , 2020, 134, 105859.	3.3	11
21	Effect of Molecular Weight of Self-Emulsifying Amphiphilic Epoxy Sizing Emulsions on the Carbon Fibres and Interfacial Properties of Their Composites. <i>Polymers</i> , 2020, 12, 2439.	4.5	11
22	Nonviral Delivery of <i>GRIM-19</i> Gene Inhibits Tumor Growth with Reduced Local and Systemic Complications. <i>Human Gene Therapy</i> , 2019, 30, 1419-1430.	2.7	5
23	Efficient Aggregation-Induced Emission Manipulated by Polymer Host Materials. <i>Advanced Materials</i> , 2019, 31, e1903962.	21.0	121
24	A Brønsted Acidic Ionic Liquid as an Efficient and Selective Catalyst System for Bioderived High Molecular Weight Poly(ethylene 2,5-furandicarboxylate). <i>ChemSusChem</i> , 2019, 12, 4927-4935.	6.8	26
25	Supramolecular Polymer Systems: Efficient Aggregation-Induced Emission Manipulated by Polymer Host Materials ( <i>Adv. Mater.</i> 37/2019). <i>Advanced Materials</i> , 2019, 31, 1970261.	21.0	2
26	Embedded 3D Li <sup>+</sup> channels in a water-in-salt electrolyte to develop flexible supercapacitors and lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24800-24806.	10.3	51
27	Effect of the Chain Structure of Self-Emulsifying Polyester Sizing Agent on ILSS of Carbon Fiber/Unsaturated Polyester Resin Composites. <i>Polymers</i> , 2019, 11, 1528.	4.5	6
28	Highly Stretchable and Compressible Self-Healing P(AA-co-AAm)/CoCl <sub>2</sub> Hydrogel Electrolyte for Flexible Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 467-472.	3.4	35
29	Nanoflower-Shaped Biocatalyst with Peroxidase Activity Enhances the Reversible Addition-Fragmentation Chain Transfer Polymerization of Methacrylate Monomers. <i>Macromolecules</i> , 2018, 51, 716-723.	4.8	14
30	A peroxidase mimic with atom transfer radical polymerization activity constructed through the grafting of heme onto metal-organic frameworks. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 62-68.	9.4	7
31	Phenol degradation catalyzed by a peroxidase mimic constructed through the grafting of heme onto metal-organic frameworks. <i>Bioresource Technology</i> , 2018, 247, 1246-1248.	9.6	29
32	Lipase-inorganic hybrid nanoflower constructed through biomimetic mineralization: A new support for biodiesel synthesis. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 102-107.	9.4	67
33	An amphiphilic non-viral gene vector prepared by a combination of enzymatic atom transfer radical polymerization and enzymatic ring-opening polymerization. <i>RSC Advances</i> , 2017, 7, 9926-9932.	3.6	8
34	Incorporating a silicon unit into a polyether backbone—an effective approach to enhance polyether solubility in CO <sub>2</sub> . <i>RSC Advances</i> , 2017, 7, 16616-16622.	3.6	9
35	Effect of monomer sequence distribution on the CO <sub>2</sub> -philicity of a well-defined ternary copolymer: Poly(vinyl acetate-co-vinyl butyrate-co-vinyl butyl ether). <i>Polymer</i> , 2017, 130, 102-111.	3.8	4
36	Deuterohemin-Peptide Enzyme Mimic-Embedded Metal-Organic Frameworks through Biomimetic Mineralization with Efficient ATRP Catalytic Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26948-26957.	8.0	45

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37	Construction of an Immobilized Thermophilic Esterase on Epoxy Support for Poly( $\mu$ -caprolactone) Synthesis. <i>Molecules</i> , 2016, 21, 796.	3.8	11
38	Surface Immobilization of pH-Responsive Polymer Brushes on Mesoporous Silica Nanoparticles by Enzyme Mimetic Catalytic ATRP for Controlled Cargo Release. <i>Polymers</i> , 2016, 8, 277.	4.5	41
39	Molecular Dynamics Simulation of Miscible Process in CO <sub>2</sub> and Crude Oil System. , 2016, , .		9
40	Tuning the growth, crosslinking, and gating effect of disulfide-containing PGMA on the surfaces of mesoporous silica nanoparticles for redox/pH dual-controlled cargo release. <i>Polymer Chemistry</i> , 2016, 7, 2171-2179.	3.9	40
41	Multi-functionalized graphene oxide complex as a plasmid delivery system for targeting hepatocellular carcinoma therapy. <i>RSC Advances</i> , 2016, 6, 22461-22468.	3.6	22
42	One-Pot Combination of eROP and ROMP for the Synthesis of Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2107-2114.	2.2	8
43	Enzyme mimetic-catalyzed ATRP and its application in block copolymer synthesis combined with enzymatic ring-opening polymerization. <i>RSC Advances</i> , 2015, 5, 42728-42735.	3.6	20
44	Facile Synthesis of Block Copolymers by Tandem ROMP and eROP from Esters Precursors. <i>Biomacromolecules</i> , 2014, 15, 3112-3118.	5.4	16
45	PEGylation of deuterohaeminâ€“alanineâ€“histidineâ€“threonineâ€“valineâ€“glutamic acidâ€“lysine and its influence on activity, stability, and aggregation. <i>Journal of Applied Polymer Science</i> , 2013, 128, 706-711.	2.6	5
46	Application of ring-opening metathesis polymerization in study of polymer molecular weight-mediated catalytic properties of immobilized lipase. <i>Science Bulletin</i> , 2009, 54, 382-386.	9.0	2
47	A novel water-soluble anionic conjugated copolymer containing poly(p-phenylene vinylene) segments: Copolymer synthesis and multilayer construction by assembling poly(diallyl dimethyl ammonium) Tj ETQq1 1 0.784304 rgBT 1Overloc		
48	Improvement of the enantioselectivity and activity of lipase from <i>Pseudomonas</i> sp. via adsorption on a hydrophobic support: kinetic resolution of 2-octanol. <i>Biocatalysis and Biotransformation</i> , 2009, 27, 340-347.	2.0	14
49	Probing the microenvironment of an oligo-(p-phenylene vinylene) derivative encapsulated in polymer-impregnated sol-gel silica matrix. <i>Science Bulletin</i> , 2004, 49, 1911-1913.	1.7	0
50	An oligo-phenylenevinylene derivative encapsulated in sol-gel silica matrix. <i>Journal of Materials Chemistry</i> , 2001, 11, 1370-1373.	6.7	12
51	Synthesis and study of a new polyorganophosphazene. <i>Journal of Applied Polymer Science</i> , 2001, 80, 1446-1451.	2.6	5
52	The effect of composition and the introduction of positive charge group (?N(CH <sub>3</sub> ) <sub>2</sub> ) on the multiphase morphology of polyurethane/polyacrylates interpenetrating polymer networks. <i>Journal of Applied Polymer Science</i> , 1999, 74, 1898-1904.	2.6	6