

# Hailei Zhang

## List of Publications by Year in descending order

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36  
papers

628  
citations

623188

14  
h-index

580395

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halloysite nanotubes in polymer science: purification, characterization, modification and applications. <i>Nanotechnology Reviews</i> , 2020, 9, 323-344.	2.6	80
2	Smart H <sub>2</sub> O <sub>2</sub> -Responsive Drug Delivery System Made by Halloysite Nanotubes and Carbohydrate Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31626-31633.	4.0	77
3	Halloysite nanotube-based H <sub>2</sub> O <sub>2</sub> -responsive drug delivery system with a turn on effect on fluorescence for real-time monitoring. <i>Chemical Engineering Journal</i> , 2020, 380, 122474.	6.6	67
4	Selective Modification of Halloysite Nanotubes with 1-Pyrenylboronic Acid: A Novel Fluorescence Probe with Highly Selective and Sensitive Response to Hyperoxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 23805-23811.	4.0	56
5	A novel surface modification method upon halloysite nanotubes: A desirable cross-linking agent to construct hydrogels. <i>Applied Clay Science</i> , 2019, 182, 105259.	2.6	34
6	A facile one-step grafting of polyphosphonium onto halloysite nanotubes initiated by Ce(IV). <i>Chemical Communications</i> , 2019, 55, 1040-1043.	2.2	33
7	Effect of curcumin derivatives on hen egg white lysozyme amyloid fibrillation and their interaction study by spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117365.	2.0	31
8	Selective modification of inner surface of halloysite nanotubes: a review. <i>Nanotechnology Reviews</i> , 2017, 6, 573-581.	2.6	30
9	Coumarin-anchored halloysite nanotubes for highly selective detection and removal of Zn(II). <i>Chemical Engineering Journal</i> , 2020, 393, 124695.	6.6	30
10	An overview of preparation and evaluation sustained-release injectable microspheres. <i>Journal of Microencapsulation</i> , 2013, 30, 369-382.	1.2	27
11	High-efficiency grafting of halloysite nanotubes by using $\text{I}^-$ -conjugated polyfluorenes via $\text{A}^{\text{click}}$ chemistry. <i>Journal of Materials Science</i> , 2015, 50, 4387-4395.	1.7	21
12	Eco-friendly fabrication of Au nanoparticles immobilized on tannin-aminopropyltriethoxysilane-coated halloysite nanotubes for thermally tunable catalysis. <i>Journal of Materials Science</i> , 2020, 55, 17094-17107.	1.7	17
13	Organic-Soluble Palladium Nanoparticles Costabilized by Hyperbranched Polymer and Dispersants as Highly Efficient and Reusable Catalysts in Biphasic Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 11646-11652.	1.8	16
14	Chemosensor-Anchored Halloysite Nanotubes for Detection and Removal of Hypochlorite in Water. <i>ACS Applied Nano Materials</i> , 2021, 4, 7435-7442.	2.4	15
15	Halloysite nanotube-based self-healing fluorescence hydrogels in fabricating 3D cube containing UV-sensitive QR code information. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 353-362.	5.0	15
16	Investigation of a halloysite-based fluorescence probe with a highly selective and sensitive $\text{turn-on}$ response upon hydrogen peroxide. <i>RSC Advances</i> , 2017, 7, 55067-55073.	1.7	10
17	Facile preparation of hyperbranched glycopolymers via an AB <sub>3</sub> * inimer promoted by a hydroxy/cerium(IV) redox process. <i>Polymer Chemistry</i> , 2018, 9, 5024-5031.	1.9	10
18	Development of halloysite nanotube-based hydrogel with colorimetric H <sub>2</sub> O <sub>2</sub> -responsive character. <i>Applied Clay Science</i> , 2021, 212, 106230.	2.6	9

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19	Highly Efficient Synthesis of a Ladder-Type BN-Heteroacene and Polyheteroacene. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 465-470.	1.3	8
20	Synthesis, Physical Properties, and Photocurrent Behavior of Strongly Emissive Boron-Chelate Heterochrysene Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1168-1172.	1.3	7
21	One-Step Route to Ladder-Type C-N Linked Conjugated Polymers. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900044.	1.1	7
22	Recent Studies on Hydrogels Based on H <sub>2</sub> O <sub>2</sub> -Responsive Moieties: Mechanism, Preparation and Application. <i>Gels</i> , 2022, 8, 361.	2.1	7
23	Facile Synthesis of Ladder-Type Polyacenes with Perylene-Fused Pyrene Structures. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800201.	1.1	4
24	Synthesis, characterization and fluorescent properties of water-soluble glycopolymer bearing curcumin pendant residues. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1451-1458.	0.6	3
25	Synthesis and characterization of curcumin-incorporated glycopolymers with enhanced water solubility and reduced cytotoxicity. <i>Macromolecular Research</i> , 2016, 24, 655-662.	1.0	3
26	Facile Preparation of Polymer-Grafted Halloysite Nanotubes via a Redox System: a Novel Approach to Construct Antibacterial Hydrogel. <i>Macromolecular Research</i> , 2020, 28, 948-952.	1.0	3
27	Facile construction of a hyperbranched poly(acrylamide) bearing tetraphenylethene units: a novel fluorescence probe with a highly selective and sensitive response to Zn <sup>2+</sup> . <i>RSC Advances</i> , 2018, 8, 5776-5783.	1.7	2
28	Development of a halloysite nanotube-based 19F NMR probe as a promising detection tool for H <sub>2</sub> O <sub>2</sub> . <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	2
29	Facile preparation and evaluation of allylamine hydrochloride-based porous hydrogel without calcium and aluminum: an alternative candidate of phosphate binder. <i>Polymer Bulletin</i> , 2016, 73, 3371-3384.	1.7	1
30	A novel fluorescent glycopolymer for endogenous hydrogen peroxide imaging in living cells in a fully aqueous environment. <i>Polymer Journal</i> , 2020, 52, 481-491.	1.3	1
31	Preparation of allylamine-grafted cellulose by Ce(IV): a desirable candidate of oral phosphate binders. <i>Polymer Bulletin</i> , 2021, 78, 2537-2552.	1.7	1
32	Facile Grafting of Ionic Liquids onto Halloysite Nanotubes via An Atom Transfer Radical Polymerization Method. <i>Journal of Polymer Materials</i> , 2018, 35, 159-169.	0.1	1
33	Synthesis and Characterization of Alternating Polymers Incorporating Boron-Chelated Heterochrysene Units. <i>Polymers</i> , 2015, 7, 1192-1204.	2.0	0
34	Facile One-Pot Synthesis of Hyperbranched Glycopolymers in Aqueous Solution via a Hydroxy/Cu(III) Redox Process. <i>Polymers</i> , 2020, 12, 2065.	2.0	0
35	Review-Novel synthetic curcuminoids: Not merely an anticancer agent. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1723-1747.	0.2	0
36	Pyrene-functionalized halloysite nanotubes for simultaneously detecting and separating Hg(II) in aqueous media: A comprehensive comparison on interparticle and intraparticle excimers. <i>Nanotechnology Reviews</i> , 2022, 11, 2038-2049.	2.6	0