Yongchao Yao

List of Publications by Year
in descending order

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24 papers	574 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	746 citing authors

#	Article	IF	Citations
1	Surface-Charge-Switchable and Size-Transformable Thermosensitive Nanocomposites for Chemo-Photothermal Eradication of Bacterial Biofilms in Vitro and in Vivo. ACS Applied Materials & Interfaces, 2022, 14, 8847-8864.	8.0	29
2	Hydrogen-bond super-amphiphile based drug delivery system: design, synthesis, and biological evaluation. RSC Advances, 2022, 12, 6076-6082.	3.6	2
3	Deep Drug Penetration of Nanodrug Aggregates at Tumor Tissues by Fast Extracellular Drug Release. Advanced Healthcare Materials, 2021, 10, e2001430.	7.6	10
4	Azobenzene-Based Cross-Linked Small-Molecule Vesicles for Precise Oxidative Damage Treatments Featuring Controlled and Prompt Molecular Release. Chemistry of Materials, 2021, 33, 7357-7366.	6.7	12
5	Quaternary ammonium salt-based cross-linked micelle templated synthesis of highly active silver nanocomposite for synergistic anti-biofilm application. Chemical Engineering Journal, 2020, 382, 122976.	12.7	28
6	Dandelion flower-like micelles. Chemical Science, 2020, 11, 757-762.	7.4	16
7	Simple Method to Supply Organic Nanoparticles with Excitation-Wavelength-Dependent Photoluminescence. Langmuir, 2020, 36, 3193-3200.	3.5	1
8	Cross-linked small-molecule capsules with excitation wavelength-dependent photoluminescence and high loading capacity: design, synthesis and application in imaging-guided drug delivery. Journal of Materials Chemistry B, 2020, 8, 2719-2725.	5.8	3
9	Cascade-Reaction-Based Nanodrug for Combined Chemo/Starvation/Chemodynamic Therapy against Multidrug-Resistant Tumors. ACS Applied Materials & Interfaces, 2019, 11, 46112-46123.	8.0	54
10	A nanodrug to combat cisplatin-resistance by protecting cisplatin withp-sulfonatocalix[4]arene and regulating glutathioneS-transferases with loaded 5-fluorouracil. Chemical Communications, 2019, 55, 7199-7202.	4.1	16
11	Covalent capture of supramolecular species in an aqueous solution of water-miscible small organic molecules. Physical Chemistry Chemical Physics, 2019, 21, 10477-10487.	2.8	12
12	Facile Transfer of Reverse Micelles from the Organic to the Aqueous Phase for Mimicking Enzyme Catalysis and Imaging-Guided Cancer Therapy. Langmuir, 2019, 35, 5871-5877.	3.5	9
13	Biogenic (R)â€(+)â€Lipoic Acid Only Constructed Crossâ€Linked Vesicles with Synergistic Anticancer Potency. Advanced Functional Materials, 2019, 29, 1806567.	14.9	46
14	Specific anion effects on the hydration and tribological properties of zwitterionic phosphorylcholine-based brushes. European Polymer Journal, 2019, 112, 222-227.	5.4	21
15	Enhanced Antibacterial Activity of Curcumin by Combination With Metal Ions. Colloids and Interface Science Communications, 2018, 25, 1-6.	4.1	41
16	Silver nanoparticles decorated lipase-sensitive polyurethane micelles for on-demand release of silver nanoparticles. Colloids and Surfaces B: Biointerfaces, 2017, 152, 238-244.	5.0	44
17	Biodegradable polyurethane micelles with pH and reduction responsive properties for intracellular drug delivery. Materials Science and Engineering C, 2017, 75, 1221-1230.	7.3	53
18	Surface charge switchable and core cross-linked polyurethane micelles as a reduction-triggered drug delivery system for cancer therapy. RSC Advances, 2017, 7, 11021-11029.	3.6	14

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19	Confined Pool-Buried Water-Soluble Nanoparticles from Reverse Micelles. Langmuir, 2017, 33, 5275-5282.	3.5	12
20	Reverse micelle-based water-soluble nanoparticles for simultaneous bioimaging and drug delivery. Organic and Biomolecular Chemistry, 2017, 15, 3232-3238.	2.8	23
21	Cross-Linked Small-Molecule Micelle-Based Drug Delivery System: Concept, Synthesis, and Biological Evaluation. Chemistry of Materials, 2016, 28, 7757-7764.	6.7	56
22	Biodegradable pH-sensitive polyurethane micelles with different polyethylene glycol (PEG) locations for anti-cancer drug carrier applications. RSC Advances, 2016, 6, 97684-97693.	3.6	31
23	Biodegradable multi-blocked polyurethane micelles for intracellular drug delivery: the effect of disulfide location on the drug release profile. RSC Advances, 2016, 6, 9082-9089.	3.6	35
24	Highly water-dispersible and easily recyclable anatase nanoparticles for photocatalysis. Ceramics International, 2015, 41, 14740-14747.	4.8	6