Yongchao Yao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6324623/publications.pdf

Version: 2024-02-01

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	Cross-Linked Small-Molecule Micelle-Based Drug Delivery System: Concept, Synthesis, and Biological Evaluation. Chemistry of Materials, 2016, 28, 7757-7764.	6.7	56
2	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
3	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
4	Biogenic (R)â€(+)â€Lipoic Acid Only Constructed Crossâ€Linked Vesicles with Synergistic Anticancer Potency. Advanced Functional Materials, 2019, 29, 1806567.	14.9	46
5	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
6	Enhanced Antibacterial Activity of Curcumin by Combination With Metal Ions. Colloids and Interface Science Communications, 2018, 25, 1-6.	4.1	41
7	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
8	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
9	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
10	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
11	Reverse micelle-based water-soluble nanoparticles for simultaneous bioimaging and drug delivery. Organic and Biomolecular Chemistry, 2017, 15, 3232-3238.	2.8	23
12	Specific anion effects on the hydration and tribological properties of zwitterionic phosphorylcholine-based brushes. European Polymer Journal, 2019, 112, 222-227.	5.4	21
13	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
14	Dandelion flower-like micelles. Chemical Science, 2020, 11, 757-762.	7.4	16
15	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
16	Confined Pool-Buried Water-Soluble Nanoparticles from Reverse Micelles. Langmuir, 2017, 33, 5275-5282.	3.5	12
17	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
18	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

#	Article	IF	Citations
19	Deep Drug Penetration of Nanodrug Aggregates at Tumor Tissues by Fast Extracellular Drug Release. Advanced Healthcare Materials, 2021, 10, e2001430.	7.6	10
20	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
21	Highly water-dispersible and easily recyclable anatase nanoparticles for photocatalysis. Ceramics International, 2015, 41, 14740-14747.	4.8	6
22	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
23	Hydrogen-bond super-amphiphile based drug delivery system: design, synthesis, and biological evaluation. RSC Advances, 2022, 12, 6076-6082.	3.6	2
24	Simple Method to Supply Organic Nanoparticles with Excitation-Wavelength-Dependent Photoluminescence. Langmuir, 2020, 36, 3193-3200.	3.5	1