Huihui Kuang

List of Publications by Year
in descending order

23	581	687363 13	713466 21
papers	citations	h-index	g-index

24	24	24	1082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Localized Enantioselective Catalytic Site on Short DNA Sequences and Their Amphiphiles. Jacs Au, 2022, 2, 483-491.	7.9	3
2	Cryo-EM structure of DNA-bound Smc5/6 reveals DNA clamping enabled by multi-subunit conformational changes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	27
3	Supramolecular Assembly of Single-Tail ssDNA-Amphiphiles through Ï€â€“Ï€ Interactions. Bioconjugate Chemistry, 2022, 33, 2035-2040.	3.6	1
4	Effect of an alkyl spacer on the morphology and internalization of <scp>MUC1</scp> aptamerâ€naphthalimide amphiphiles for targeting and imaging triple negative breast cancer cells. Bioengineering and Translational Medicine, 2021, 6, e10194.	7.1	6
5	Integrative analysis reveals unique structural and functional features of the Smc5/6 complex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
6	Testing and implementing a live processing workflow at the New York Structural Biology Center. Microscopy and Microanalysis, 2021, 27, 2296-2297.	0.4	0
7	Routine collection of 10,000 direct detector movies a day using Leginon. Microscopy and Microanalysis, 2021, 27, 258-260.	0.4	0
8	ssDNA nanotubes for selective targeting of glioblastoma and delivery of doxorubicin for enhanced survival. Science Advances, 2021, 7, eabl5872.	10.3	14
9	Design of an Aptamer-Amphiphile for the Detection of Î²-Lactoglobulin on a Liquid Crystal Interface. Bioconjugate Chemistry, 2019, 30, 2763-2770.	3.6	16
10	ssDNA-amphiphile architecture used to control dimensions of DNA nanotubes. Nanoscale, 2019, 11, 19850-19861.	5.6	8
11	Aptamer micelles targeting fractalkine-expressing cancer cells in vitro and in vivo. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 85-96.	3.3	15
12	Salt Responsive Morphologies of ssDNAâ€Based Triblock Polyelectrolytes in Semiâ€Dilute Regime: Effect of Volume Fractions and Polyelectrolyte Length. Macromolecular Rapid Communications, 2017, 38, 1700422.	3.9	11
13	The design of peptide-amphiphiles as functional ligands for liposomal anticancer drug and gene delivery. Advanced Drug Delivery Reviews, 2017, 110-111, 80-101.	13.7	49
14	Double pH-responsive supramolecular copolymer micelles based on the complementary multiple hydrogen bonds of nucleobases and acetalated dextran for drug delivery. Polymer Chemistry, 2015, 6, 3625-3633.	3.9	31
15	Acetalated-dextran as valves of mesoporous silica particles for pH responsive intracellular drug delivery. RSC Advances, 2015, 5, 9546-9555.	3.6	32
16	Injectable and biodegradable supramolecular hydrogels formed by nucleobase-terminated poly(ethylene oxide)s and Î±-cyclodextrin. Journal of Materials Chemistry B, 2014, 2, 659-667.	5.8	51
17	Novel hydroxyl-containing reduction-responsive pseudo-poly(aminoacid) via click polymerization as an efficient drug carrier. Polymer Chemistry, 2014, 5, 4488.	3.9	25
18	Synthesis of mesoporous silica nanoparticleâ€“oxaliplatin conjugates for improved anticancer drug delivery. Colloids and Surfaces B: Biointerfaces, 2014, 117, 75-81.	5.0	75

#	Article	IF	Citations
19	Thymine Modified Amphiphilic Biodegradable Copolymers for Photoâ€‹scp›C‹/scp›rossâ€‹scp›L‹/scp›inked Micelles as Stable Drug Carriers. Macromolecular Bioscience, 2013, 13, 1593-1600.	4.1	9
20	pHâ€‹Responsive Drug Delivery by Amphiphilic Copolymer through Boronateâ€“Catechol Complexation. ChemPlusChem, 2013, 78, 175-184.	2.8	27
21	Biodegradable Amphiphilic Copolymer Containing Nucleobase: Synthesis, Self-Assembly in Aqueous Solutions, and Potential Use in Controlled Drug Delivery. Biomacromolecules, 2012, 13, 3004-3012.	5.4	70
22	Facile preparation of core cross-linked micelles from catechol-containing amphiphilic triblock copolymer. Journal of Materials Chemistry, 2012, 22, 15348.	6.7	27
23	Core-crosslinked amphiphilic biodegradable copolymer based on the complementary multiple hydrogen bonds of nucleobases: synthesis, self-assembly and in vitro drug delivery. Journal of Materials Chemistry, 2012, 22, 24832.	6.7	49