Alexander B Cook

List of Publications by Year
in descending order

20 papers	562 citations	759233 12 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	773 citing authors

#	Article	IF	Citations
1	Harnessing Endogenous Stimuli for Responsive Materials in Theranostics. ACS Nano, 2021, 15, 2068-2098.	14.6	117
2	Branched and Dendritic Polymer Architectures: Functional Nanomaterials for Therapeutic Delivery. Advanced Functional Materials, 2020, 30, 1901001.	14.9	109
3	Hyperbranched Polymers with High Degrees of Branching and Low Dispersity Values: Pushing the Limits of Thiolâ€“Yne Chemistry. Macromolecules, 2016, 49, 1296-1304.	4.8	69
4	Hyperbranched poly(ethylenimine-co-oxazoline) by thiolâ€“yne chemistry for non-viral gene delivery: investigating the role of polymer architecture. Polymer Chemistry, 2019, 10, 1202-1212.	3.9	42
5	Well-defined hyperstar copolymers based on a thiolâ€“yne hyperbranched core and a poly(2-oxazoline) shell for biomedical applications. Polymer Chemistry, 2017, 8, 2041-2054.	3.9	32
6	Cationic and hydrolysable branched polymers by RAFT for complexation and controlled release of dsRNA. Polymer Chemistry, 2018, 9, 4025-4035.	3.9	29
7	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. ACS Macro Letters, 2018, 7, 909-915.	4.8	28
8	Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. Polymer Chemistry, 2019, 10, 1186-1191.	3.9	25
9	Influence of Grafting Density and Distribution on Material Properties Using Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures Synthesized by RAFT. Macromolecules, 2019, 52, 1469-1478.	4.8	24
10	RAFT Emulsion Polymerization as a Platform to Generate Wellâ€Defined Biocompatible Latex Nanoparticles. Macromolecular Bioscience, 2018, 18, e1800213.	4.1	22
11	Bottomâ€Up versus Topâ€Down Strategies for Morphology Control in Polymerâ€Based Biomedical Materials. Advanced NanoBiomed Research, 2022, 2, 2100087.	3.6	15
12	Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. Macromolecules, 2019, 52, 992-1003.	4.8	13
13	A study on the preparation of alkyne functional nanoparticlesviaRAFT emulsion polymerisation. Polymer Chemistry, 2019, 10, 1452-1459.	3.9	12
14	Branched poly (trimethylphosphonium ethylacrylateâ€coâ€PEGA) by RAFT: alternative to cationic polyammoniums for nucleic acid complexation. Journal of Interdisciplinary Nanomedicine, 2018, 3, 164-174.	3.6	8
15	Shape-specific microfabricated particles for biomedical applications: a review. Drug Delivery and Translational Research, 2022, 12, 2019-2037.	5.8	8
16	Size effects of discoidal <scp>PLGA</scp> nanoconstructs in Pickering emulsion stabilization. Journal of Polymer Science, 2022, 60, 1480-1491.	3.8	5
17	Scientific Creativity through the Lens of Art. Matter, 2020, 2, 1072-1074.	10.0	2
18	Macromolecules, Actually: From Plastics to DNA. Frontiers for Young Minds, 0, 7, .	0.8	2

#	Article	IF	Citations
19	Postdoc perspective: Under the Ligurian sun. C&EN Global Enterprise, 2019, 97, 37-37.	0.0	0
20	Rational Design of Polymeric Nanoconstructs for Drug Delivery and Biomedical Imaging. , 2021, , 381-424.		0