

# Alexander B Cook

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4791652/publications.pdf>

Version: 2024-02-01

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	Bottom-Up versus Top-Down Strategies for Morphology Control in Polymer-Based Biomedical Materials. <i>Advanced NanoBiomed Research</i> , 2022, 2, 2100087.	3.6	15
2	Size effects of discoidal PLGA nanoconstructs in Pickering emulsion stabilization. <i>Journal of Polymer Science</i> , 2022, 60, 1480-1491.	3.8	5
3	Shape-specific microfabricated particles for biomedical applications: a review. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2019-2037.	5.8	8
4	Rational Design of Polymeric Nanoconstructs for Drug Delivery and Biomedical Imaging. , 2021, , 381-424.		0
5	Harnessing Endogenous Stimuli for Responsive Materials in Theranostics. <i>ACS Nano</i> , 2021, 15, 2068-2098.	14.6	117
6	Branched and Dendritic Polymer Architectures: Functional Nanomaterials for Therapeutic Delivery. <i>Advanced Functional Materials</i> , 2020, 30, 1901001.	14.9	109
7	Scientific Creativity through the Lens of Art. <i>Matter</i> , 2020, 2, 1072-1074.	10.0	2
8	Postdoc perspective: Under the Ligurian sun. <i>C&amp;EN Global Enterprise</i> , 2019, 97, 37-37.	0.0	0
9	Hyperbranched poly(ethylenimine-co-oxazoline) by thiol-ene chemistry for non-viral gene delivery: investigating the role of polymer architecture. <i>Polymer Chemistry</i> , 2019, 10, 1202-1212.	3.9	42
10	Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. <i>Macromolecules</i> , 2019, 52, 992-1003.	4.8	13
11	Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. <i>Polymer Chemistry</i> , 2019, 10, 1186-1191.	3.9	25
12	A study on the preparation of alkyne functional nanoparticles via RAFT emulsion polymerisation. <i>Polymer Chemistry</i> , 2019, 10, 1452-1459.	3.9	12
13	Influence of Grafting Density and Distribution on Material Properties Using Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures Synthesized by RAFT. <i>Macromolecules</i> , 2019, 52, 1469-1478.	4.8	24
14	Branched poly(trimethylphosphonium ethylacrylate-co-PEGA) by RAFT: alternative to cationic polyammoniums for nucleic acid complexation. <i>Journal of Interdisciplinary Nanomedicine</i> , 2018, 3, 164-174.	3.6	8
15	Cationic and hydrolysable branched polymers by RAFT for complexation and controlled release of dsRNA. <i>Polymer Chemistry</i> , 2018, 9, 4025-4035.	3.9	29
16	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. <i>ACS Macro Letters</i> , 2018, 7, 909-915.	4.8	28
17	RAFT Emulsion Polymerization as a Platform to Generate Well-Defined Biocompatible Latex Nanoparticles. <i>Macromolecular Bioscience</i> , 2018, 18, e1800213.	4.1	22
18	Well-defined hyperstar copolymers based on a thiol-ene hyperbranched core and a poly(2-oxazoline) shell for biomedical applications. <i>Polymer Chemistry</i> , 2017, 8, 2041-2054.	3.9	32

#	ARTICLE	IF	CITATIONS
19	Hyperbranched Polymers with High Degrees of Branching and Low Dispersity Values: Pushing the Limits of Thiol-ene Chemistry. <i>Macromolecules</i> , 2016, 49, 1296-1304.	4.8	69
20	Macromolecules, Actually: From Plastics to DNA. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	2