

Fei Jia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

862

citations

16

h-index

29

g-index

29

ext. papers

1,094

ext. citations

11.3

avg, IF

4.19

L-index

#	Paper	IF	Citations
26	Exploring the Structural Diversity of DNA Bottlebrush Polymers Using an Oligonucleotide Macromonomer Approach. <i>Macromolecules</i> , 2022 , 55, 2235-2242	5.5	
25	Design and Synthesis of Quick Setting Nonswelling Hydrogels via Brush Polymers. <i>Advanced Science</i> , 2021 , 8, e2100968	13.6	4
24	Brush Polymers as Nanoscale Building Blocks for Hydrogel Synthesis. <i>Chemistry of Materials</i> , 2021 , 33, 5748-5756	9.6	2
23	Bottlebrush Polymer-Conjugated Melittin Exhibits Enhanced Antitumor Activity and Better Safety Profile. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42533-42542	9.5	1
22	Spherical Nucleic Acids for Topical Treatment of Hyperpigmentation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1296-1300	16.4	7
21	DNA-Mediated Step-Growth Polymerization of Bottlebrush Macromonomers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10297-10301	16.4	4
20	Nucleic acid-based drug delivery strategies. <i>Journal of Controlled Release</i> , 2020 , 323, 240-252	11.7	24
19	Self-Assembled DNA-PEG Bottlebrushes Enhance Antisense Activity and Pharmacokinetics of Oligonucleotides. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45830-45837	9.5	7
18	Expanding the materials space of DNA via organic-phase ring-opening metathesis polymerization. <i>CheM</i> , 2019 , 5, 1584-1596	16.2	18
17	Self-Assembly of DNA-Containing Copolymers. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1880-1888	6.3	19
16	Bottlebrush-architected poly(ethylene glycol) as an efficient vector for RNA interference in vivo. <i>Science Advances</i> , 2019 , 5, eaav9322	14.3	28
15	Molecular spherical nucleic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4340-4344	11.5	77
14	Improving the Enzymatic Stability and the Pharmacokinetics of Oligonucleotides via DNA-Backboned Bottlebrush Polymers. <i>Nano Letters</i> , 2018 , 18, 7378-7382	11.5	9
13	Effect of PEG Architecture on the Hybridization Thermodynamics and Protein Accessibility of PEGylated Oligonucleotides. <i>Angewandte Chemie</i> , 2017 , 129, 1259-1263	3.6	11
12	Effect of PEG Architecture on the Hybridization Thermodynamics and Protein Accessibility of PEGylated Oligonucleotides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1239-1243	16.4	33
11	Depth-Profiling the Nuclease Stability and the Gene Silencing Efficacy of Brush-Architected Poly(ethylene glycol)-DNA Conjugates. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10605-10608	16.4	31
10	Modulating the Cellular Immune Response of Oligonucleotides by Brush Polymer-Assisted Compaction. <i>Small</i> , 2017 , 13, 1701432	11	18

9	Precision Tuning of DNA- and Poly(ethylene glycol)-Based Nanoparticles via Coassembly for Effective Antisense Gene Regulation. <i>Chemistry of Materials</i> , 2017 , 29, 9882-9886	9.6	25
8	Blurring the Role of Oligonucleotides: Spherical Nucleic Acids as a Drug Delivery Vehicle. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10834-7	16.4	120
7	Effective Antisense Gene Regulation via Noncationic, Polyethylene Glycol Brushes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9097-100	16.4	47
6	Light-triggered, self-immolative nucleic Acid-drug nanostructures. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6112-5	16.4	157
5	Facile synthesis of nucleic acid-polymer amphiphiles and their self-assembly. <i>Chemical Communications</i> , 2015 , 51, 7843-6	5.8	28
4	Providing Oligonucleotides with Steric Selectivity by Brush-Polymer-Assisted Compaction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12466-9	16.4	62
3	Polycondensation of polymer brushes via DNA hybridization. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10214-7	16.4	47
2	Temperature-activated nucleic acid nanostructures. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14102-5	16.4	54
1	Facile Synthesis of the Neuraminidase Inhibitor Peramivir. <i>Synthetic Communications</i> , 2013 , 43, 2641-2647	17	16