Fei Jia

List of Publications by Citations

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	Light-triggered, self-immolative nucleic Acid-drug nanostructures. *Journal of the American Chemical Society*, **2015**, 137, 6112-5	16.4	157
25	Blurring the Role of Oligonucleotides: Spherical Nucleic Acids as a Drug Delivery Vehicle. *Journal of the American Chemical Society*, **2016**, 138, 10834-7	16.4	120
24	Molecular spherical nucleic acids. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 4340-4344	11.5	77
23	Providing Oligonucleotides with Steric Selectivity by Brush-Polymer-Assisted Compaction. *Journal of the American Chemical Society*, **2015**, 137, 12466-9	16.4	62
22	Temperature-activated nucleic acid nanostructures. *Journal of the American Chemical Society*, **2013**, 135, 14102-5	16.4	54
21	Effective Antisense Gene Regulation via Noncationic, Polyethylene Glycol Brushes. *Journal of the American Chemical Society*, **2016**, 138, 9097-100	16.4	47
20	Polycondensation of polymer brushes via DNA hybridization. *Journal of the American Chemical Society*, **2014**, 136, 10214-7	16.4	47
19	Effect of PEG Architecture on the Hybridization Thermodynamics and Protein Accessibility of PEGylated Oligonucleotides. *Angewandte Chemie - International Edition*, **2017**, 56, 1239-1243	16.4	33
18	Depth-Profiling the Nuclease Stability and the Gene Silencing Efficacy of Brush-Architectured Poly(ethylene glycol)-DNA Conjugates. *Journal of the American Chemical Society*, **2017**, 139, 10605-10608	16.4	31
17	Facile synthesis of nucleic acid-polymer amphiphiles and their self-assembly. *Chemical Communications*, **2015**, 51, 7843-6	5.8	28
16	Bottlebrush-architectured poly(ethylene glycol) as an efficient vector for RNA interference in vivo. *Science Advances*, **2019**, 5, eaav9322	14.3	28
15	Precision Tuning of DNA- and Poly(ethylene glycol)-Based Nanoparticles via Coassembly for Effective Antisense Gene Regulation. *Chemistry of Materials*, **2017**, 29, 9882-9886	9.6	25
14	Nucleic acid-based drug delivery strategies. *Journal of Controlled Release*, **2020**, 323, 240-252	11.7	24
13	Self-Assembly of DNA-Containing Copolymers. *Bioconjugate Chemistry*, **2019**, 30, 1880-1888	6.3	19
12	Expanding the materials space of DNA via organic-phase ring-opening metathesis polymerization. *CheM*, **2019**, 5, 1584-1596	16.2	18
11	Modulating the Cellular Immune Response of Oligonucleotides by Brush Polymer-Assisted Compaction. *Small*, **2017**, 13, 1701432	11	18
10	Facile Synthesis of the Neuraminidase Inhibitor Peramivir. *Synthetic Communications*, **2013**, 43, 2641-2647	1.7	16

9	Effect of PEG Architecture on the Hybridization Thermodynamics and Protein Accessibility of PEGylated Oligonucleotides. *Angewandte Chemie*, **2017**, 129, 1259-1263	3.6	11
8	Improving the Enzymatic Stability and the Pharmacokinetics of Oligonucleotides via DNA-Backboned Bottlebrush Polymers. *Nano Letters*, **2018**, 18, 7378-7382	11.5	9
7	Self-Assembled DNA-PEG Bottlebrushes Enhance Antisense Activity and Pharmacokinetics of Oligonucleotides. *ACS Applied Materials & Interfaces*, **2020**, 12, 45830-45837	9.5	7
6	Spherical Nucleic Acids for Topical Treatment of Hyperpigmentation. *Journal of the American Chemical Society*, **2021**, 143, 1296-1300	16.4	7
5	DNA-Mediated Step-Growth Polymerization of Bottlebrush Macromonomers. *Journal of the American Chemical Society*, **2020**, 142, 10297-10301	16.4	4
4	Design and Synthesis of Quick Setting Nonswelling Hydrogels via Brush Polymers. *Advanced Science* , **2021**, 8, e2100968	13.6	4
3	Brush Polymers as Nanoscale Building Blocks for Hydrogel Synthesis. *Chemistry of Materials*, **2021**, 33, 5748-5756	9.6	2
2	Bottlebrush Polymer-Conjugated Melittin Exhibits Enhanced Antitumor Activity and Better Safety Profile. *ACS Applied Materials & Interfaces*, **2021**, 13, 42533-42542	9.5	1
1	Exploring the Structural Diversity of DNA Bottlebrush Polymers Using an Oligonucleotide Macromonomer Approach. *Macromolecules*, **2022**, 55, 2235-2242	5.5	