Long Li

List of Publications by Citations

35 papers	1,283 citations	18 h-index	35 g-index
35 ext. papers	1,760 ext. citations	9.5 avg, IF	4.54 L-index

#	Paper	IF	Citations
35	Bone defect animal models for testing efficacy of bone substitute biomaterials. *Journal of Orthopaedic Translation*, **2015**, 3, 95-104	4.2	197
34	Osteogenic magnesium incorporated into PLGA/TCP porous scaffold by 3D printing for repairing challenging bone defect. *Biomaterials*, **2019**, 197, 207-219	15.6	183
33	Molecular Recognition-Based DNA Nanoassemblies on the Surfaces of Nanosized Exosomes. *Journal of the American Chemical Society*, **2017**, 139, 5289-5292	16.4	134
32	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie - International Edition*, **2018**, 57, 17048-17052	16.4	92
31	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. *Cancers*, **2018**, 10,	6.6	65
30	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. *Angewandte Chemie - International Edition*, **2021**, 60, 2221-2231	16.4	65
29	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. *Journal of the American Chemical Society*, **2018**, 140, 13335-13339	16.4	63
28	Corrosion and biocompatibility improvement of magnesium-based alloys as bone implant materials: a review. *International Journal of Energy Production and Management*, **2017**, 4, 129-137	5.3	60
27	Bacterial inhibition potential of 3D rapid-prototyped magnesium-based porous composite scaffolds--an in vitro efficacy study. *Scientific Reports*, **2015**, 5, 13775	4.9	40
26	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. *Journal of the American Chemical Society*, **2020**, 142, 3862-3872	16.4	36
25	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. *Journal of the American Chemical Society*, **2019**, 141, 17174-17179	16.4	33
24	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. *Journal of the American Chemical Society*, **2018**, 140, 14314-14323	16.4	30
23	Preparation and biocompatibility of diphasic magnetic nanocomposite scaffold. *Materials Science and Engineering C*, **2018**, 87, 70-77	8.3	29
22	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. *Angewandte Chemie - International Edition*, **2017**, 56, 11954-11957	16.4	27
21	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. *Angewandte Chemie - International Edition*, **2020**, 59, 663-668	16.4	26
20	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. *Angewandte Chemie - International Edition*, **2018**, 57, 11589-11593	16.4	24
19	Use of a three-dimensional printed polylactide-coglycolide/tricalcium phosphate composite scaffold incorporating magnesium powder to enhance bone defect repair in rabbits. *Journal of Orthopaedic Translation*, **2019**, 16, 62-70	4.2	24

18	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie*, **2018**, 130, 17294-17298	3.6	23
17	Construction of bionic tissue engineering cartilage scaffold based on three-dimensional printing and oriented frozen technology. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 1664-1676	5.4	18
16	Lipid-oligonucleotide conjugates for bioapplications. *National Science Review*, **2020**, 7, 1933-1953	10.8	18
15	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 37845-37850	9.5	15
14	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. *Angewandte Chemie*, **2017**, 129, 12116-12119	3.6	13
13	Multifunctional magnesium incorporated scaffolds by 3D-Printing for comprehensive postsurgical management of osteosarcoma. *Biomaterials*, **2021**, 275, 120950	15.6	10
12	Molecular domino reactor built by automated modular synthesis for cancer treatment. *Theranostics* , **2020**, 10, 4030-4041	12.1	9
11	Bioactive PLGA/tricalcium phosphate scaffolds incorporating phytomolecule icaritin developed for calvarial defect repair in rat model. *Journal of Orthopaedic Translation*, **2020**, 24, 112-120	4.2	8
10	Quantitative determination of residual 1,4-dioxane in three-dimensional printed bone scaffold. *Journal of Orthopaedic Translation*, **2018**, 13, 58-67	4.2	8
9	Cross-Linked Aptamer□lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. *Angewandte Chemie*, **2018**, 130, 11763-11767	3.6	6
8	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. *Chemical Science*, **2020**, 11, 9648-9654	9.4	5
7	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. *IScience*, **2020**, 23, 101750	6.1	4
6	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. *Angewandte Chemie*, **2020**, 132, 673-678	3.6	4
5	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. *ChemBioChem*, **2021**, 22, 754-759	3.8	4
4	Engineering G-quadruplex aptamer to modulate its binding specificity. *National Science Review*, **2021**, 8, nwaa202	10.8	4
3	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. *Angewandte Chemie*, **2021**, 133, 2249-2259	3.6	3
2	Plasmon Coupling in DNA-Assembled Silver Nanoclusters. *Journal of the American Chemical Society*, **2021**, 143, 14573-14580	16.4	2
1	Cold atmospheric plasma for cancer treatment: molecular and immunological mechanisms. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2022**, 1-1	4.2	1