

# Long Li

## List of Publications by Year in descending order

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35  
papers

2,171  
citations

304368

22  
h-index

360668

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteogenic magnesium incorporated into PLGA/TCP porous scaffold by 3D printing for repairing challenging bone defect. <i>Biomaterials</i> , 2019, 197, 207-219.	5.7	348
2	Bone defect animal models for testing efficacy of bone substitute biomaterials. <i>Journal of Orthopaedic Translation</i> , 2015, 3, 95-104.	1.9	269
3	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2221-2231.	7.2	221
4	Molecular Recognition-Based DNA Nanoassemblies on the Surfaces of Nanosized Exosomes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5289-5292.	6.6	175
5	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	7.2	122
6	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	6.6	97
7	Corrosion and biocompatibility improvement of magnesium-based alloys as bone implant materials: a review. <i>International Journal of Energy Production and Management</i> , 2017, 4, 129-137.	1.9	94
8	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. <i>Cancers</i> , 2018, 10, 47.	1.7	85
9	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 3862-3872.	6.6	64
10	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668.	7.2	61
11	Multifunctional magnesium incorporated scaffolds by 3D-Printing for comprehensive postsurgical management of osteosarcoma. <i>Biomaterials</i> , 2021, 275, 120950.	5.7	60
12	Bacterial inhibition potential of 3D rapid-prototyped magnesium-based porous composite scaffolds: an in vitro efficacy study. <i>Scientific Reports</i> , 2015, 5, 13775.	1.6	53
13	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 17174-17179.	6.6	51
14	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. <i>Journal of the American Chemical Society</i> , 2018, 140, 14314-14323.	6.6	47
15	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020, 7, 1933-1953.	4.6	43
16	Preparation and biocompatibility of diphasic magnetic nanocomposite scaffold. <i>Materials Science and Engineering C</i> , 2018, 87, 70-77.	3.8	42
17	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11954-11957.	7.2	37
18	Use of a three-dimensional printed polylactide-coglycolide/tricalcium phosphate composite scaffold incorporating magnesium powder to enhance bone defect repair in rabbits. <i>Journal of Orthopaedic Translation</i> , 2019, 16, 62-70.	1.9	36

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19	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11589-11593.	7.2	33
20	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	1.6	31
21	Bioactive PLGA/tricalcium phosphate scaffolds incorporating phytomolecule icaritin developed for calvarial defect repair in rat model. <i>Journal of Orthopaedic Translation</i> , 2020, 24, 112-120.	1.9	26
22	Construction of bionic tissue engineering cartilage scaffold based on three-dimensional printing and oriented frozen technology. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1664-1676.	2.1	24
23	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37845-37850.	4.0	22
24	Recognition-Then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119.	1.6	17
25	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie</i> , 2021, 133, 2249-2259.	1.6	16
26	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	4.6	14
27	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through <i>in Situ</i> Polymerization-Induced Self-Assembly. <i>ChemBioChem</i> , 2021, 22, 754-759.	1.3	14
28	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020, 11, 9648-9654.	3.7	13
29	Plasmon Coupling in DNA-Assembled Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 14573-14580.	6.6	13
30	Quantitative determination of residual 1,4-dioxane in three-dimensional printed bone scaffold. <i>Journal of Orthopaedic Translation</i> , 2018, 13, 58-67.	1.9	10
31	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020, 23, 101750.	1.9	9
32	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018, 130, 11763-11767.	1.6	8
33	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678.	1.6	8
34	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021, 8, nwaa202.	4.6	5
35	Cold Atmospheric Plasma for Cancer Treatment: Molecular and Immunological Mechanisms. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 916-927.	2.7	3