

Long Li

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.

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	Cold atmospheric plasma for cancer treatment: molecular and immunological mechanisms. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022 , 1-1	4.2	1
34	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie</i> , 2021 , 133, 2249-2259	3.6	3
33	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2221-2231	16.4	65
32	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. <i>ChemBioChem</i> , 2021 , 22, 754-759	3.8	4
31	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021 , 8, nwa202	10.8	4
30	Plasmon Coupling in DNA-Assembled Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14573-14580	16.4	2
29	Multifunctional magnesium incorporated scaffolds by 3D-Printing for comprehensive postsurgical management of osteosarcoma. <i>Biomaterials</i> , 2021 , 275, 120950	15.6	10
28	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>iScience</i> , 2020 , 23, 101750	6.1	4
27	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020 , 10, 4030-4041	12.1	9
26	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	4.2	8
25	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	16.4	36
24	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020 , 7, 1933-1953	10.8	18
23	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37845-37850	9.5	15
22	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020 , 11, 9648-9654	9.4	5
21	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020 , 132, 673-678	3.6	4
20	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 663-668	16.4	26
19	Osteogenic magnesium incorporated into PLGA/TCP porous scaffold by 3D printing for repairing challenging bone defect. <i>Biomaterials</i> , 2019 , 197, 207-219	15.6	183

18	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17174-17179	16.4	33
17	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	4.2	24
16	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	5.4	18
15	Preparation and biocompatibility of diphasic magnetic nanocomposite scaffold. <i>Materials Science and Engineering C</i> , 2018 , 87, 70-77	8.3	29
14	Quantitative determination of residual 1,4-dioxane in three-dimensional printed bone scaffold. <i>Journal of Orthopaedic Translation</i> , 2018 , 13, 58-67	4.2	8
13	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11589-11593	16.4	24
12	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. <i>Cancers</i> , 2018 , 10,	6.6	65
11	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 11763-11767	3.6	6
10	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	16.4	30
9	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018 , 130, 17294-17298	3.6	23
8	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17048-17052	16.4	92
7	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13335-13339	16.4	63
6	Molecular Recognition-Based DNA Nanoassemblies on the Surfaces of Nanosized Exosomes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5289-5292	16.4	134
5	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11954-11957	16.4	27
4	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017 , 129, 12116-12119	3.6	13
3	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	5.3	60
2	Bone defect animal models for testing efficacy of bone substitute biomaterials. <i>Journal of Orthopaedic Translation</i> , 2015 , 3, 95-104	4.2	197
1	Bacterial inhibition potential of 3D rapid-prototyped magnesium-based porous composite scaffolds--an in vitro efficacy study. <i>Scientific Reports</i> , 2015 , 5, 13775	4.9	40

