

Yuxin Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/804818/publications.pdf>

Version: 2024-02-01

19
papers

1,109
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, fabrication and applications of tetrahedral DNA nanostructure-based multifunctional complexes in drug delivery and biomedical treatment. <i>Nature Protocols</i> , 2020, 15, 2728-2757.	12.0	211
2	An Intelligent DNA Nanorobot with <i>in Vitro</i> Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019, 19, 4505-4517.	9.1	153
3	Inhibiting Methicillin-Resistant <i>Staphylococcus aureus</i> by Tetrahedral DNA Nanostructure-Enabled Antisense Peptide Nucleic Acid Delivery. <i>Nano Letters</i> , 2018, 18, 5652-5659.	9.1	117
4	The biological applications of DNA nanomaterials: current challenges and future directions. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 351.	17.1	110
5	Self-Assembled Tetrahedral DNA Nanostructures Promote Neural Stem Cell Proliferation and Neuronal Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7892-7900.	8.0	94
6	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15354-15365.	8.0	77
7	Tetrahedral DNA nanostructures facilitate neural stem cell migration <i>via</i> activating RHOA/ROCK2 signalling pathway. <i>Cell Proliferation</i> , 2018, 51, e12503.	5.3	52
8	Nucleic acids and analogs for bone regeneration. <i>Bone Research</i> , 2018, 6, 37.	11.4	48
9	Enhanced Neural Regeneration with a Concomitant Treatment of Framework Nucleic Acid and Stem Cells in Spinal Cord Injury. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2095-2106.	8.0	45
10	Targeted and effective glioblastoma therapy via aptamer-modified tetrahedral framework nucleic acid-paclitaxel nanoconjugates that can pass the blood brain barrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102061.	3.3	44
11	Multi-targeted Antisense Oligonucleotide Delivery by a Framework Nucleic Acid for Inhibiting Biofilm Formation and Virulence. <i>Nano-Micro Letters</i> , 2020, 12, 74.	27.0	41
12	The Clearance Effect of Tetrahedral DNA Nanostructures on Senescent Human Dermal Fibroblasts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1942-1950.	8.0	37
13	Tetrahedral Framework Nucleic Acids Loading Ampicillin Improve the Drug Susceptibility against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36957-36966.	8.0	27
14	Potent anti-angiogenesis and anti-tumour activity of pegaptanib-loaded tetrahedral DNA nanostructure. <i>Cell Proliferation</i> , 2019, 52, e12662.	5.3	17
15	Diversity of DNA Nanostructures and Applications in Oncotherapy. <i>Biotechnology Journal</i> , 2020, 15, e1900094.	3.5	13
16	Virus-Inspired Mimics: Dual-pH-Responsive Modular Nanoplatfoms for Programmable Gene Delivery without DNA Damage with the Assistance of Light. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22519-22533.	8.0	9
17	Bacterium-mimicking sequentially targeted therapeutic nanocomplexes based on O-carboxymethyl chitosan and their cooperative therapy by dual-modality light manipulation. <i>Carbohydrate Polymers</i> , 2021, 264, 118030.	10.2	6
18	The Application of Nucleic Acids and Nucleic Acid Materials in Antimicrobial Research. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 66-73.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Bioinformatics for the Origin and Evolution of Viruses. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1368, 53-71.	1.6	2