

Weitong Cui

List of Publications by Year in descending order

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Version: 2024-02-01

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docs citations

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477
citing authors

#	ARTICLE	IF	CITATIONS
1	An Intelligent DNA Nanorobot with <i>in Vitro</i> Enhanced Protein Lysosomal Degradation of HER2. Nano Letters, 2019, 19, 4505-4517.	4.5	153
2	Anti-inflammatory activity of curcumin-loaded tetrahedral framework nucleic acids on acute gouty arthritis. Bioactive Materials, 2022, 8, 368-380.	8.6	142
3	Tetrahedral framework nucleic acids promote scarless healing of cutaneous wounds via the AKT-signaling pathway. Signal Transduction and Targeted Therapy, 2020, 5, 120.	7.1	61
4	Tetrahedral framework nucleic acids prevent retina ischemia-reperfusion injury from oxidative stress <i>in vitro</i> activating the Akt/Nrf2 pathway. Nanoscale, 2019, 11, 20667-20675.	2.8	56
5	Cardioprotection of Tetrahedral DNA Nanostructures in Myocardial Ischemia-Reperfusion Injury. ACS Applied Materials & Interfaces, 2019, 11, 30631-30639.	4.0	50
6	Tetrahedral Framework Nucleic Acid Promotes the Treatment of Bisphosphonate-Related Osteonecrosis of the Jaws by Promoting Angiogenesis and M2 Polarization. ACS Applied Materials & Interfaces, 2020, 12, 44508-44522.	4.0	42
7	Treatment of Alzheimer's disease with framework nucleic acids. Cell Proliferation, 2020, 53, e12787.	2.4	42
8	Neuroprotective and Neurotherapeutic Effects of Tetrahedral Framework Nucleic Acids on Parkinson's Disease <i>in Vitro</i> . ACS Applied Materials & Interfaces, 2019, 11, 32787-32797.	4.0	38
9	Treating LRRK2-Related Parkinson's Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. Advanced Functional Materials, 2021, 31, 2105152.	7.8	37
10	Progress in Biomedical Applications of Tetrahedral Framework Nucleic Acid-Based Functional Systems. ACS Applied Materials & Interfaces, 2020, 12, 47115-47126.	4.0	33
11	Preventive effect of tetrahedral framework nucleic acids on bisphosphonate-related osteonecrosis of the jaw. Nanoscale, 2020, 12, 17196-17202.	2.8	12
12	Nanomaterials-based Cell Osteogenic Differentiation and Bone Regeneration. Current Stem Cell Research and Therapy, 2021, 16, 36-47.	0.6	9
13	Application of Nanomaterials in Neurodegenerative Diseases. Current Stem Cell Research and Therapy, 2021, 16, 83-94.	0.6	8
14	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration. Burns and Trauma, 2022, 10, tkac006.	2.3	8
15	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases. , 2022, 4, 665-674.		6
16	Tetrahedral framework nucleic acids as an advanced drug delivery system for oligonucleotide drugs. APL Materials, 2020, 8, .	2.2	2