

Xiaowei Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

606
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

926
citing authors

#	ARTICLE	IF	CITATIONS
1	An injectable and thermosensitive hydrogel: Promoting periodontal regeneration by controlled-release of aspirin and erythropoietin. <i>Acta Biomaterialia</i> , 2019, 86, 235-246.	8.3	170
2	Aspirin-Based Carbon Dots, a Good Biocompatibility of Material Applied for Bioimaging and Anti-Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32706-32716.	8.0	140
3	Synthesis of green emissive carbon dots@montmorillonite composites and their application for fabrication of light-emitting diodes and latent fingerprints markers. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 344-352.	9.4	53
4	Codelivery of doxorubicin and MDR1-siRNA by mesoporous silica nanoparticles-polymerpolyethylenimine to improve oral squamous carcinoma treatment. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 187-198.	6.7	49
5	Ascorbic Acid-PEI Carbon Dots with Osteogenic Effects as miR-2861 Carriers to Effectively Enhance Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50287-50302.	8.0	40
6	Synthesis of carbon dots with strong luminescence in both dispersed and aggregated states by tailoring sulfur doping. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 54-64.	9.4	24
7	Microwave-Assisted Heating Method toward Multicolor Quantum Dot-Based Phosphors with Much Improved Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27160-27170.	8.0	21
8	Efficiently engineered cell sheet using a complex of polyethylenimine–alginate nanocomposites plus bone morphogenetic protein 2 gene to promote new bone formation. <i>International Journal of Nanomedicine</i> , 2014, 9, 2179.	6.7	19
9	Carbon Dots Induce Epithelial&Mdash;Mesenchymal Transition for Promoting Cutaneous Wound Healing via Activation of TGFβ2/p38/Snail Pathway. <i>Advanced Functional Materials</i> , 2020, 30, 2004886.	14.9	19
10	Effective delivery of bone morphogenetic protein 2 gene using chitosan‐polyethylenimine nanoparticle to promote bone formation. <i>RSC Advances</i> , 2016, 6, 34081-34089.	3.6	18
11	Bone formation promoted by bone morphogenetic protein-2 plasmid-loaded porous silica nanoparticles with the involvement of autophagy. <i>Nanoscale</i> , 2019, 11, 21953-21963.	5.6	15
12	Characteristics of three sizes of silica nanoparticles in the osteoblastic cell line, MC3T3-E1. <i>RSC Advances</i> , 2014, 4, 46481-46487.	3.6	11
13	The Toll-like receptor ligand, CpG oligodeoxynucleotides, regulate proliferation and osteogenic differentiation of osteoblast. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 327.	2.3	10
14	Carbon dots enhance extracellular matrix secretion for dentin-pulp complex regeneration through PI3K/Akt/mTOR pathway-mediated activation of autophagy. <i>Materials Today Bio</i> , 2022, 16, 100344.	5.5	9
15	Enhancing the osteogenic capacity of MG63 cells through N-isopropylacrylamide-modified polyethylenimine-mediated oligodeoxynucleotide MT01 delivery. <i>RSC Advances</i> , 2017, 7, 27121-27127.	3.6	5
16	CpG oligodeoxynucleotides inhibit the proliferation and osteoclastic differentiation of RAW264.7 cells. <i>RSC Advances</i> , 2020, 10, 14885-14891.	3.6	3