

Yang Xia

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,164
citations

516710

16
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. <i>Biomaterials</i> , 2018, 183, 151-170.	11.4	198
2	Nanoparticle-reinforced resin-based dental composites. <i>Journal of Dentistry</i> , 2008, 36, 450-455.	4.1	180
3	Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e2085-e2098.	2.7	77
4	Magnetic Cell-Scaffold Interface Constructed by Superparamagnetic IONP Enhanced Osteogenesis of Adipose-Derived Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44279-44289.	8.0	67
5	Gold nanoparticles in injectable calcium phosphate cement enhance osteogenic differentiation of human dental pulp stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 35-45.	3.3	61
6	Novel magnetic calcium phosphate-stem cell construct with magnetic field enhances osteogenic differentiation and bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 98, 30-41.	7.3	60
7	Biocompatibility and osteogenic activity of guided bone regeneration membrane based on chitosan-coated magnesium alloy. <i>Materials Science and Engineering C</i> , 2019, 100, 226-235.	7.3	54
8	Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 423-433.	2.8	53
9	Enhanced Osteogenesis of ADSCs by the Synergistic Effect of Aligned Fibers Containing Collagen I. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29289-29297.	8.0	52
10	Iron oxide nanoparticle-calcium phosphate cement enhanced the osteogenic activities of stem cells through WNT/ β -catenin signaling. <i>Materials Science and Engineering C</i> , 2019, 104, 109955.	7.3	50
11	Novel magnetic nanoparticle-containing adhesive with greater dentin bond strength and antibacterial and remineralizing capabilities. <i>Dental Materials</i> , 2018, 34, 1310-1322.	3.5	35
12	Role of Cholesterol Conjugation in the Antibacterial Photodynamic Therapy of Branched Polyethylenimine-Containing Nanoagents. <i>Langmuir</i> , 2019, 35, 14324-14331.	3.5	35
13	Class A Scavenger Receptor Exacerbates Osteoclastogenesis by an Interleukin-6-Mediated Mechanism through ERK and JNK Signaling Pathways. <i>International Journal of Biological Sciences</i> , 2016, 12, 1155-1167.	6.4	21
14	Magnetic-Responsive Photosensitizer Nanoplatfor for Optimized Inactivation of Dental Caries-Related Biofilms: Technology Development and Proof of Principle. <i>ACS Nano</i> , 2021, 15, 19888-19904.	14.6	21
15	Enhanced osteoinduction of electrospun scaffolds with assemblies of hematite nanoparticles as a bioactive interface. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1051-1068.	6.7	19
16	Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 85-96.	5.8	19
17	A novel combination of nano-scaffolds with micro-scaffolds to mimic extracellular matrices improve osteogenesis. <i>Journal of Biomaterials Applications</i> , 2014, 29, 59-71.	2.4	17
18	A three-dimensional-printed SPION/PLGA scaffold for enhanced palate-bone regeneration and concurrent alteration of the oral microbiota in rats. <i>Materials Science and Engineering C</i> , 2021, 126, 112173.	7.3	15

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19	The role of Rho-GEF Trio in regulating tooth root development through the p38 MAPK pathway. <i>Experimental Cell Research</i> , 2018, 372, 158-167.	2.6	14
20	Optimization of sterilization methods for electrospun poly(μ -caprolactone) to enhance pre-osteoblast cell behaviors for guided bone regeneration. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 152-166.	2.1	12
21	Iron oxide nanoparticles in liquid or powder form enhanced osteogenesis via stem cells on injectable calcium phosphate scaffold. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102069.	3.3	12
22	3D magnetic nanocomposite scaffolds enhanced the osteogenic capacities of rat bone mesenchymal stem cells in vitro and in a rat calvarial bone defect model by promoting cell adhesion. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1670-1680.	4.0	12
23	Human Amniotic Mesenchymal Stem Cells Promote Endogenous Bone Regeneration. <i>Frontiers in Endocrinology</i> , 2020, 11, 543623.	3.5	11
24	Aphasia rehabilitation based on mirror neuron theory: a randomized-block-design study of neuropsychology and functional magnetic resonance imaging. <i>Neural Regeneration Research</i> , 2019, 14, 1004.	3.0	11
25	Effect of ZrN coating by magnetron sputtering and sol-gel processed silica coating on titanium/porcelain interface bond strength. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 317-325.	3.6	9
26	Electrospun poly(butylene carbonate) membranes for guided bone regeneration: In vitro and in vivo studies. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 486-499.	2.1	9
27	Detection of occult tumor cells in regional lymph nodes is associated with poor survival in pN0 non-small cell lung cancer: a meta-analysis. <i>Journal of Thoracic Disease</i> , 2016, 8, 375-385.	1.4	9
28	Use of polyvinylpyrrolidone-iodine solution for sterilisation and preservation improves mechanical properties and osteogenesis of allografts. <i>Scientific Reports</i> , 2016, 6, 38669.	3.3	8
29	Irradiation Sterilized Gelatin-Water-Glycerol Ternary Gel as an Injectable Carrier for Bone Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600749.	7.6	6
30	Enhanced properties of fiberglass-reinforced photocurable resin pile by introducing different fiberglass surface treatments and their biological evolution. <i>RSC Advances</i> , 2015, 5, 69690-69697.	3.6	5
31	Superparamagnetic Iron Oxide Nanoparticles Protect Human Gingival Fibroblasts from <i>Porphyromonas gingivalis</i> Invasion and Inflammatory Stimulation. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 45-60.	6.7	5
32	A new method to standardize CBCT for quantitative evaluation of alveolar ridge preservation in the mandible: a case report and review of the literature. <i>International Journal of Energy Production and Management</i> , 2015, 2, 251-260.	3.7	4
33	Biodegradable poly(butylene-carbonate) porous membranes for guided bone regeneration: In vitro and in vivo studies. <i>Journal of Bioactive and Compatible Polymers</i> , 2013, 28, 621-636.	2.1	3
34	Novel Magnetic Cell-Scaffold Construct with and without Magnetic Field Enhanced Osteogenesis of Stem Cells and Formation of new bone. , 2019, , .		0