

Yang Xia

List of Publications by Year in descending order

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34
papers

1,164
citations

516710

16
h-index

395702

33
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all docs

35
docs citations

35
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Superparamagnetic Iron Oxide Nanoparticles Protect Human Gingival Fibroblasts from Porphyromonas gingivalis Invasion and Inflammatory Stimulation. International Journal of Nanomedicine, 2022, Volume 17, 45-60.	6.7	5
2	<scp>3D</scp> 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. Journal of Biomedical Materials Research - Part A, 2021, 109, 1670-1680.	4.0	12
3	A three-dimensional-printed SPION/PLGA scaffold for enhanced palate-bone regeneration and concurrent alteration of the oral microbiota in rats. Materials Science and Engineering C, 2021, 126, 112173.	7.3	15
4	Magnetic-Responsive Photosensitizer Nanoplatform for Optimized Inactivation of Dental Caries-Related Biofilms: Technology Development and Proof of Principle. ACS Nano, 2021, 15, 19888-19904.	14.6	21
5	Human Amniotic Mesenchymal Stem Cells Promote Endogenous Bone Regeneration. Frontiers in Endocrinology, 2020, 11, 543623.	3.5	11
6	Iron oxide nanoparticles in liquid or powder form enhanced osteogenesis via stem cells on injectable calcium phosphate scaffold. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 21, 102069.	3.3	12
7	Iron oxide nanoparticle-calcium phosphate cement enhanced the osteogenic activities of stem cells through WNT/ β -catenin signaling. Materials Science and Engineering C, 2019, 104, 109955.	7.3	50
8	Novel Magnetic Cell-Scaffold Construct with and without Magnetic Field Enhanced Osteogenesis of Stem Cells and Formation of new bone. , 2019, , .		0
9	Role of Cholesterol Conjugation in the Antibacterial Photodynamic Therapy of Branched Polyethylenimine-Containing Nanoagents. Langmuir, 2019, 35, 14324-14331.	3.5	35
10	Biocompatibility and osteogenic activity of guided bone regeneration membrane based on chitosan-coated magnesium alloy. Materials Science and Engineering C, 2019, 100, 226-235.	7.3	54
11	<p>Enhanced osteoinduction of electrospun scaffolds with assemblies of hematite nanoparticles as a bioactive interface<p>. International Journal of Nanomedicine, 2019, Volume 14, 1051-1068.	6.7	19
12	Novel magnetic calcium phosphate-stem cell construct with magnetic field enhances osteogenic differentiation and bone tissue engineering. Materials Science and Engineering C, 2019, 98, 30-41.	7.3	60
13	Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. Drug Delivery and Translational Research, 2019, 9, 85-96.	5.8	19
14	Aphasia rehabilitation based on mirror neuron theory: a randomized-block-design study of neuropsychology and functional magnetic resonance imaging. Neural Regeneration Research, 2019, 14, 1004.	3.0	11
15	Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 423-433.	2.8	53
16	Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e2085-e2098.	2.7	77
17	Gold nanoparticles in injectable calcium phosphate cement enhance osteogenic differentiation of human dental pulp stem cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 35-45.	3.3	61
18	Magnetic Cell-“Scaffold Interface Constructed by Superparamagnetic IONP Enhanced Osteogenesis of Adipose-Derived Stem Cells. ACS Applied Materials & Interfaces, 2018, 10, 44279-44289.	8.0	67

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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	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
21	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. <i>Biomaterials</i> , 2018, 183, 151-170.	11.4	198
22	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
23	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
24	Detection of occult tumor cells in regional lymph nodes is associated with poor survival in pNO non-small cell lung cancer: a meta-analysis. <i>Journal of Thoracic Disease</i> , 2016, 8, 375-385.	1.4	9
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Nanoparticle-reinforced resin-based dental composites. <i>Journal of Dentistry</i> , 2008, 36, 450-455.	4.1	180