

Yazhou Chen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

233
citations

932766

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1281420

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11
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11
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of viscosity on chondrogenic differentiation of mesenchymal stem cells during 3D culture in viscous gelatin solution-embedded hydrogels. <i>Journal of Materials Science and Technology</i> , 2021, 63, 1-8.	5.6	14
2	Composite scaffolds of black phosphorus nanosheets and gelatin with controlled pore structures for photothermal cancer therapy and adipose tissue engineering. <i>Biomaterials</i> , 2021, 275, 120923.	5.7	27
3	ECM scaffolds mimicking extracellular matrices of endochondral ossification for the regulation of mesenchymal stem cell differentiation. <i>Acta Biomaterialia</i> , 2020, 114, 158-169.	4.1	21
4	Osteogenic and Adipogenic Differentiation of Mesenchymal Stem Cells in Gelatin Solutions of Different Viscosities. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000617.	3.9	18
5	Development of an oyster shell and lignite modified zeolite (OLMZ) fixed bioreactor coupled with intermittent light stimulation for high efficient ammonium-rich anaerobic digestion process. <i>Chemical Engineering Journal</i> , 2020, 398, 125637.	6.6	19
6	PLGA-collagen-ECM hybrid meshes mimicking stepwise osteogenesis and their influence on the osteogenic differentiation of hMSCs. <i>Biofabrication</i> , 2020, 12, 025027.	3.7	24
7	Preparation of Stepwise Adipogenesis-Mimicking ECM-Deposited PLGA-collagen Hybrid Meshes and Their Influence on Adipogenic Differentiation of hMSCs. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6099-6108.	2.6	12
8	PLGA-collagen-ECM hybrid scaffolds functionalized with biomimetic extracellular matrices secreted by mesenchymal stem cells during stepwise osteogenesis-adipogenesis. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7195-7206.	2.9	32
9	Solution viscosity regulates chondrocyte proliferation and phenotype during 3D culture. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7713-7722.	2.9	32
10	Bifunctional scaffolds for the photothermal therapy of breast tumor cells and adipose tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7728-7736.	2.9	33