

CITATION REPORT

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Matrices secreted during simultaneous osteogenesis and adipogenesis of mesenchymal stem cells affect stem cells differentiation

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#	Paper	IF	Citations
26	Promotion of Adipogenesis of 3T3-L1 Cells on Protein Adsorption-Suppressing Poly(2-methoxyethyl acrylate) Analogs. <i>Biomacromolecules</i> , 2016 , 17, 3808-3815	6.9	19
25	Cultured cell-derived decellularized matrices: a review towards the next decade. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 4322-4331	7.3	32
24	In vivo osteogenic differentiation of stem cells inside compartmentalized capsules loaded with co-cultured endothelial cells. <i>Acta Biomaterialia</i> , 2017 , 53, 483-494	10.8	20
23	Induction of Chondrogenic Differentiation of Human Mesenchymal Stem Cells by Biomimetic Gold Nanoparticles with Tunable RGD Density. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700317	10.1	20
22	Extracellular matrix powder from cultured cartilage-like tissue as cell carrier for cartilage repair. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3283-3292	7.3	18
21	Materials-Directed Differentiation of Mesenchymal Stem Cells for Tissue Engineering and Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1115-1127	5.5	69
20	Generation of a Close-to-Native In Vitro System to Study Lung Cells-Extracellular Matrix Crosstalk. <i>Tissue Engineering - Part C: Methods</i> , 2018 , 24, 1-13	2.9	6
19	Ligand density-dependent influence of arginine-lysine-aspartate functionalized gold nanoparticles on osteogenic and adipogenic differentiation of mesenchymal stem cells. <i>Nano Research</i> , 2018 , 11, 1247-1261	10	23
18	Biomimetic Extracellular Matrices and Scaffolds Prepared from Cultured Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1078, 465-474	3.6	2
17	Gd@C(OH) harnesses inflammatory regeneration for osteogenesis of mesenchymal stem cells through JNK/STAT3 signaling pathway. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5802-5811	7.3	10
16	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	5.5	7
15	Decellularization Techniques for Preparation of Decellularized Extracellular Matrices in Tissue Engineering Applications. 2019 , 1-15		
14	Stepwise Adipogenesis of Decellularized Cellular Extracellular Matrix Regulates Adipose Tissue-Derived Stem Cell Migration and Differentiation. <i>Stem Cells International</i> , 2019 , 2019, 1845926	5	12
13	PLGA-collagen-ECM hybrid scaffolds functionalized with biomimetic extracellular matrices secreted by mesenchymal stem cells during stepwise osteogenesis-co-adipogenesis. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7195-7206	7.3	23
12	ECM scaffolds mimicking extracellular matrices of endochondral ossification for the regulation of mesenchymal stem cell differentiation. <i>Acta Biomaterialia</i> , 2020 , 114, 158-169	10.8	11
11	ATP-binding cassette g1 regulates osteogenesis via Wnt/ β -catenin and AMPK signaling pathways. <i>Molecular Biology Reports</i> , 2020 , 47, 7439-7449	2.8	2
10	Endothelial progenitor cells promote osteogenic differentiation in co-cultured with mesenchymal stem cells via the MAPK-dependent pathway. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 537	8.3	12

9	Synergistic Effect of Cell-Derived Extracellular Matrices and Topography on Osteogenesis of Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25591-25603	9.5	16
8	Engineering Cell-Derived Matrices: From 3D Models to Advanced Personalized Therapies. <i>Advanced Functional Materials</i> , 2020 , 30, 2000496	15.6	7
7	PLGA-collagen-ECM hybrid meshes mimicking stepwise osteogenesis and their influence on the osteogenic differentiation of hMSCs. <i>Biofabrication</i> , 2020 , 12, 025027	10.5	14
6	Development of a Biomimetic Hydrogel Based on Predifferentiated Mesenchymal Stem-Cell-Derived ECM for Cartilage Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001847	10.1	6
5	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	15.6	7
4	Decellularized Extracellular Matrices in Bone Tissue Engineering: From Cells to Tissues. Mini-Review. <i>Cell and Tissue Biology</i> , 2020 , 14, 399-406	0.4	5
3	Preservation of the native features of mesenchymal stromal cells in vitro: Comparison of cell- and bone-derived decellularized extracellular matrix.. <i>Journal of Tissue Engineering</i> , 2022 , 13, 20417314221074453	7.5	2
2	Recent Developments in Extracellular Matrix Remodeling for Fat Grafting.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 767362	5.7	2
1	Composite Scaffolds of Gelatin and Fe ₃ O ₄ Nanoparticles for Magnetic Hyperthermia-Based Breast Cancer Treatment and Adipose Tissue Regeneration. 2202604		0