

Taking Cell-Matrix Adhesions to the Third Dimension

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Citation Report

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1981	Production of Elastin-like Protein Hydrogels for Encapsulation and Immunostaining of Cells in 3D. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	20
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1985	Validation of in vitro assays in three-dimensional human dermal constructs. <i>International Journal of Artificial Organs</i> , 2018, 41, 779-788.	0.7	18

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1987	Melanin Nanoparticle-Incorporated Silk Fibroin Hydrogels for the Enhancement of Printing Resolution in 3D-Projection Stereolithography of Poly(ethylene glycol)-Tetraacrylate Bio-ink. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23573-23582.	4.0	43
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1994	Three-Dimensional in Vitro Cell Culture Models in Drug Discovery and Drug Repositioning. <i>Frontiers in Pharmacology</i> , 2018, 9, 6.	1.6	1,038
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1996	Vesicle trafficking pathways that direct cell migration in 3D matrices and in vivo. <i>Traffic</i> , 2018, 19, 899-909.	1.3	38
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1998	Modelling Alzheimer's disease: Insights from <i>in vivo</i> to <i>in vitro</i> three-dimensional culture platforms. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1944-1958.	1.3	18
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2001	Adaptive Multifunctional Supramolecular Assemblies of Glycopeptides Rapidly Enable Morphogenesis. <i>Biochemistry</i> , 2018, 57, 4867-4879.	1.2	17
2002	Visible Light Photoinitiation of Cell-Adhesive Gelatin Methacryloyl Hydrogels for Stereolithography 3D Bioprinting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26859-26869.	4.0	197
2003	Performing DNA nanotechnology operations on a zebrafish. <i>Chemical Science</i> , 2018, 9, 7271-7276.	3.7	17
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2006	A biocompatible diazosulfonate initiator for direct encapsulation of human stem cells <i>via</i> two-photon polymerization. <i>Polymer Chemistry</i> , 2018, 9, 3108-3117.	1.9	55
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2008	Material microenvironmental properties couple to induce distinct transcriptional programs in mammalian stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8368-E8377.	3.3	93
2009	Plasmonic targeting of cancer cells in a three-dimensional natural hydrogel. <i>Nanoscale</i> , 2018, 10, 17807-17813.	2.8	6
2010	Differential and Interactive Effects of Substrate Topography and Chemistry on Human Mesenchymal Stem Cell Gene Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2344.	1.8	26
2011	Development of an <i>in vitro</i> cell-sheet cancer model for chemotherapeutic screening. <i>Theranostics</i> , 2018, 8, 3964-3973.	4.6	40
2012	Role of Osteocyte-PDL Crosstalk in Tooth Movement via SOST/Sclerostin. <i>Journal of Dental Research</i> , 2018, 97, 1374-1382.	2.5	49
2013	Comparison of the degradation behavior of PLGA scaffolds in micro-channel, shaking, and static conditions. <i>Biomicrofluidics</i> , 2018, 12, 034106.	1.2	16
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2015	Human Organotypic Respiratory Models. <i>Current Topics in Microbiology and Immunology</i> , 2018, , 29-54.	0.7	1
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2018	The mechanical and pharmacological regulation of glioblastoma cell migration in 3D matrices. <i>Journal of Cellular Physiology</i> , 2019, 234, 3948-3960.	2.0	31
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2020	Co-culture of tumor spheroids and monocytes in a collagen matrix-embedded microfluidic device to study the migration of breast cancer cells. <i>Chinese Chemical Letters</i> , 2019, 30, 331-336.	4.8	27
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