

Jennifer L Leight

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,547
citations

567281

15
h-index

610901

24
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all docs

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docs citations

24
times ranked

2638
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor cell-conditioned media drives collagen remodeling via fibroblast and pericyte activation in an <i>in vitro</i> premetastatic niche model. <i>IScience</i> , 2022, 25, 104645.	4.1	9
2	Pten regulates collagen fibrillogenesis by fibroblasts through SPARC. <i>PLoS ONE</i> , 2021, 16, e0245653.	2.5	8
3	Matrix compliance permits NF- κ B activation to drive therapy resistance in breast cancer. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	27
4	<i>MDM2</i> Derived from Dedifferentiated Liposarcoma Extracellular Vesicles Induces MMP2 Production from Preadipocytes. <i>Cancer Research</i> , 2019, 79, 4911-4922.	0.9	23
5	Matrix-metalloproteinase expression and gelatinase activity in the avian retina and their influence on Müller glia proliferation. <i>Experimental Neurology</i> , 2019, 320, 112984.	4.1	24
6	High-Throughput Three-Dimensional Hydrogel Cell Encapsulation Assay for Measuring Matrix Metalloproteinase Activity. <i>Assay and Drug Development Technologies</i> , 2019, 17, 100-115.	1.2	6
7	Detection of Protease Activity by Fluorescent Peptide Zymography. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	1
8	Measuring Global Cellular Matrix Metalloproteinase and Metabolic Activity in 3D Hydrogels. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	2
9	Stromal PTEN Regulates Extracellular Matrix Organization in the Mammary Gland. <i>Neoplasia</i> , 2019, 21, 132-145.	5.3	35
10	Synthesis of Microgel Sensors for Spatial and Temporal Monitoring of Protease Activity. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 378-387.	5.2	36
11	Cellular Mechanics of Primary Human Cervical Fibroblasts: Influence of Progesterone and a Pro-inflammatory Cytokine. <i>Annals of Biomedical Engineering</i> , 2018, 46, 197-207.	2.5	20
12	Detection of proteolytic activity by covalent tethering of fluorogenic substrates in zymogram gels. <i>BioTechniques</i> , 2018, 64, 203-210.	1.8	6
13	Myoferlin regulates epithelial cancer cell plasticity and migration through autocrine TGF- β 1 signaling. <i>Oncotarget</i> , 2018, 9, 19209-19222.	1.8	13
14	Extracellular Matrix Remodeling and Stiffening Modulate Tumor Phenotype and Treatment Response. <i>Annual Review of Cancer Biology</i> , 2017, 1, 313-334.	4.5	101
15	Development of a Cellularly Degradable PEG Hydrogel to Promote Articular Cartilage Extracellular Matrix Deposition. <i>Advanced Healthcare Materials</i> , 2015, 4, 702-713.	7.6	139
16	Multifunctional bioscaffolds for 3D culture of melanoma cells reveal increased MMP activity and migration with BRAF kinase inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5366-5371.	7.1	52
17	Modulation of matrix elasticity with PEG hydrogels to study melanoma drug responsiveness. <i>Biomaterials</i> , 2014, 35, 4310-4318.	11.4	57
18	Direct measurement of matrix metalloproteinase activity in 3D cellular microenvironments using a fluorogenic peptide substrate. <i>Biomaterials</i> , 2013, 34, 7344-7352.	11.4	72

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19	Matrix rigidity regulates a switch between TGF- β 1-induced apoptosis and epithelial-mesenchymal transition. <i>Molecular Biology of the Cell</i> , 2012, 23, 781-791.	2.1	389
20	Manipulation of 3D Cluster Size and Geometry by Release from 2D Micropatterns. <i>Cellular and Molecular Bioengineering</i> , 2012, 5, 299-306.	2.1	13
21	Filamin A β 1 Integrin Complex Tunes Epithelial Cell Response to Matrix Tension. <i>Molecular Biology of the Cell</i> , 2009, 20, 3224-3238.	2.1	103
22	Demystifying the Effects of a Three-Dimensional Microenvironment in Tissue Morphogenesis. <i>Methods in Cell Biology</i> , 2007, 83, 547-583.	1.1	72
23	Negative normal stress in semiflexible biopolymer gels. <i>Nature Materials</i> , 2007, 6, 48-51.	27.5	332