Celeste M Nelson

List of Publications by Year
in descending order

158 papers	16,036 citations	25031 57 h-index	16650 123 g-index
165 all docs	165 docs citations	165 times ranked	18639 citing authors

#	Article	IF	Citations
1	Cell Shape, Cytoskeletal Tension, and RhoA Regulate Stem Cell Lineage Commitment. Developmental Cell, 2004, 6, 483-495.	7.0	3,799
2	Rac1b and reactive oxygen species mediate MMP-3-induced EMT and genomic instability. Nature, 2005, 436, 123-127.	27.8	1,159
3	Of Extracellular Matrix, Scaffolds, and Signaling: Tissue Architecture Regulates Development, Homeostasis, and Cancer. Annual Review of Cell and Developmental Biology, 2006, 22, 287-309.	9.4	976
4	Emergent patterns of growth controlled by multicellular form and mechanics. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11594-11599.	7.1	760
5	Mechanical tugging force regulates the size of cellâ€“cell junctions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9944-9949.	7.1	633
6	Tissue Geometry Determines Sites of Mammary Branching Morphogenesis in Organotypic Cultures. Science, 2006, 314, 298-300.	12.6	545
7	Modeling dynamic reciprocity: Engineering three-dimensional culture models of breast architecture, function, and neoplastic transformation. Seminars in Cancer Biology, 2005, 15, 342-352.	9.6	305
8	TGF-Î²1-induced EMT promotes targeted migration of breast cancer cells through the lymphatic system by the activation of CCR7/CCL21-mediated chemotaxis. Oncogene, 2016, 35, 748-760.	5.9	246
9	Cell-cell signaling by direct contact increases cell proliferation via a PI3K-dependent signal. FEBS Letters, 2002, 514, 238-242.	2.8	229
10	Simple Approach to Micropattern Cells on Common Culture Substrates by Tuning Substrate Wettability. Tissue Engineering, 2004, 10, 865-872.	4.6	215
11	Mechanotransduction: use the force(s). BMC Biology, 2015, 13, 47.	3.8	183
12	Tissue geometry patterns epithelialâ€“mesenchymal transition via intercellular mechanotransduction. Journal of Cellular Biochemistry, 2010, 110, 44-51.	2.6	178
13	Mechanism of Akt1 inhibition of breast cancer cell invasion reveals a protumorigenic role for TSC2. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4134-4139.	7.1	173
14	Human mammary progenitor cell fate decisions are products of interactions with combinatorial microenvironments. Integrative Biology (United Kingdom), 2009, 1, 70-79.	1.3	166
15	Integrated morphodynamic signalling of the mammary gland. Nature Reviews Molecular Cell Biology, 2011, 12, 581-593.	37.0	163
16	Vascular Endothelial-Cadherin Regulates Cytoskeletal Tension, Cell Spreading, and Focal Adhesions by Stimulating RhoA. Molecular Biology of the Cell, 2004, 15, 2943-2953.	2.1	162
17	Laminin and biomimetic extracellular elasticity enhance functional differentiation in mammary epithelia. EMBO Journal, 2008, 27, 2829-2838.	7.8	161
18	Fabrication of aligned microstructures with a single elastomeric stamp. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1758-1762.	7.1	152

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19	Cell shape regulates global histone acetylation in human mammary epithelial cells. Experimental Cell Research, 2007, 313, 3066-3075.	2.6	150
20	Cellular and physical mechanisms of branching morphogenesis. Development (Cambridge), 2014, 141, 2750-2759.	2.5	149
21	Localized Smooth Muscle Differentiation Is Essential for Epithelial Bifurcation during Branching Morphogenesis of the Mammalian Lung. Developmental Cell, 2015, 34, 719-726.	7.0	145
22	New Insights into the Regulation of Epithelialâ€“Mesenchymal Transition and Tissue Fibrosis. International Review of Cell and Molecular Biology, 2012, 294, 171-221.	3.2	141
23	Geometrically Controlled Endothelial Tubulogenesis in Micropatterned Gels. Tissue Engineering - Part A, 2010, 16, 2255-2263.	3.1	140
24	Degradation of Micropatterned Surfaces by Cell-Dependent and -Independent Processesâ€. Langmuir, 2003, 19, 1493-1499.	3.5	135
25	Endogenous patterns of mechanical stress are required for branching morphogenesis. Integrative Biology (United Kingdom), 2010, 2, 424-434.	1.3	131
26	Change in cell shape is required for matrix metalloproteinaseâ€induced epithelialâ€mesenchymal transition of mammary epithelial cells. Journal of Cellular Biochemistry, 2008, 105, 25-33.	2.6	120
27	Cadherins, RhoA, and Rac1 Are Differentially Required for Stretch-Mediated Proliferation in Endothelial Versus Smooth Muscle Cells. Circulation Research, 2007, 101, e44-52.	4.5	117
28	Mapping of Mechanical Strains and Stresses around Quiescent Engineered Three-Dimensional Epithelial Tissues. Biophysical Journal, 2012, 103, 152-162.	0.5	117
29	Tissue Stiffness and Hypoxia Modulate the Integrin-Linked Kinase ILK to Control Breast Cancer Stem-like Cells. Cancer Research, 2016, 76, 5277-5287.	0.9	116
30	On Buckling Morphogenesis. Journal of Biomechanical Engineering, 2016, 138, 021005.	1.3	116
31	VE-cadherin simultaneously stimulates and inhibits cell proliferation by altering cytoskeletal structure and tension. Journal of Cell Science, 2003, 116, 3571-3581.	2.0	115
32	Three-dimensional lithographically defined organotypic tissue arrays for quantitative analysis of morphogenesis and neoplastic progression. Nature Protocols, 2008, 3, 674-678.	12.0	114
33	Sustained activation of STAT5 is essential for chromatin remodeling and maintenance of mammary-specific function. Journal of Cell Biology, 2009, 184, 57-66.	5.2	112
34	Sculpting Organs: Mechanical Regulation of Tissue Development. Annual Review of Biomedical Engineering, 2012, 14, 129-154.	12.3	109
35	Dynamic tensile forces drive collective cell migration through three-dimensional extracellular matrices. Scientific Reports, 2015, 5, 11458.	3.3	107
36	Apical constriction initiates new bud formation during monopodial branching of the embryonic chicken lung. Development (Cambridge), 2013, 140, 3146-3155.	2.5	105

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37	Microstructured extracellular matrices in tissue engineering and development. Current Opinion in Biotechnology, 2006, 17, 518-523.	6.6	104
38	Mechanically patterning the embryonic airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9230-9235.	7.1	98
39	Matrix compliance regulates Rac1b localization, NADPH oxidase assembly, and epithelialâ€“mesenchymal transition. Molecular Biology of the Cell, 2012, 23, 4097-4108.	2.1	97
40	E-cadherin engagement stimulates proliferation via Rac1. Journal of Cell Biology, 2006, 173, 431-441.	5.2	95
41	Quantitative Relationship among Integrin-Ligand Binding, Adhesion, and Signaling via Focal Adhesion Kinase and Extracellular Signal-regulated Kinase 2. Journal of Biological Chemistry, 1999, 274, 27119-27127.	3.4	92
42	Transmembrane/cytoplasmic, rather than catalytic, domains of Mmp14 signal to MAPK activation and mammary branching morphogenesis via binding to integrin Î²1. Development (Cambridge), 2013, 140, 343-352.	2.5	91
43	Extracellular matrix proteins regulate epithelialâ€“mesenchymal transition in mammary epithelial cells. Differentiation, 2013, 86, 126-132.	1.9	90
44	Rap1 Integrates Tissue Polarity, Lumen Formation, and Tumorigenic Potential in Human Breast Epithelial Cells. Cancer Research, 2007, 67, 4759-4766.	0.9	89
45	Microfluidic chest cavities reveal that transmural pressure controls the rate of lung development. Development (Cambridge), 2017, 144, 4328-4335.	2.5	88
46	Self-organization of engineered epithelial tubules by differential cellular motility. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14890-14895.	7.1	85
47	Human organoids: a new dimension in cell biology. Molecular Biology of the Cell, 2019, 30, 1129-1137.	2.1	83
48	Geometric control of tissue morphogenesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 903-910.	4.1	82
49	Interstitial fluid pressure regulates collective invasion in engineered human breast tumorsviaSnail, vimentin, and E-cadherin. Integrative Biology (United Kingdom), 2016, 8, 319-331.	1.3	81
50	Microextrusion printing cell-laden networks of type I collagen with patterned fiber alignment and geometry. Soft Matter, 2019, 15, 5728-5738.	2.7	81
51	Regulation of Epithelial-Mesenchymal Transition by Transmission of Mechanical Stress through Epithelial Tissues. Cancer Microenvironment, 2012, 5, 29-38.	3.1	80
52	Photoresponsive Coumarinâ€Stabilized Polymeric Nanoparticles as a Detectable Drug Carrier. Small, 2012, 8, 1693-1700.	10.0	75
53	Lymphatic function is required prenatally for lung inflation at birth. Journal of Experimental Medicine, 2014, 211, 815-826.	8.5	69
54	Bidirectional extracellular matrix signaling during tissue morphogenesis. Cytokine and Growth Factor Reviews, 2009, 20, 459-465.	7.2	66

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55	Extracellular matrix and cytoskeletal dynamics during branching morphogenesis. Organogenesis, 2012, 8, 56-64.	1.2	66
56	Smooth muscle differentiation shapes domain branches during mouse lung development. Development (Cambridge), 2019, 146, .	2.5	66
57	Host epithelial geometry regulates breast cancer cell invasiveness. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19632-19637.	7.1	64
58	Mechanics of Development. Developmental Cell, 2021, 56, 240-250.	7.0	62
59	Snail1, Snail2, and E47 promote mammary epithelial branching morphogenesis. EMBO Journal, 2011, 30, 2662-2674.	7.8	59
60	Regulation of Epithelial-Mesenchymal Transition in Breast Cancer Cells by Cell Contact and Adhesion. Cancer Informatics, 2015, 14s3, CIN.S18965.	1.9	58
61	Branching morphogenesis. Development (Cambridge), 2020, 147, .	2.5	58
62	The mechanics of development: Models and methods for tissue morphogenesis. Birth Defects Research Part C: Embryo Today Reviews, 2010, 90, 193-202.	3.6	57
63	Dynamics of Tissue-Induced Alignment of Fibrous Extracellular Matrix. Biophysical Journal, 2017, 113, 702-713.	0.5	57
64	Engineering amount of cellâ€“cell contact demonstrates biphasic proliferative regulation through RhoA and the actin cytoskeleton. Experimental Cell Research, 2008, 314, 2846-2854.	2.6	54
65	Mesenchymal proteases and tissue fluidity remodel the extracellular matrix during airway epithelial branching in the embryonic avian lung. Development (Cambridge), 2019, 146, .	2.5	52
66	Non-classical export of epimorphin and its adhesion to Î±v-integrin in regulation of epithelial morphogenesis. Journal of Cell Science, 2007, 120, 2032-2043.	2.0	51
67	Decoupling diffusional from dimensional control of signaling in 3D culture reveals a role for myosin in tubulogenesis. Journal of Cell Science, 2010, 123, 2877-2883.	2.0	45
68	Marangoni flows drive the alignment of fibrillar cell-laden hydrogels. Science Advances, 2020, 6, eaaz7748.	10.3	44
69	Modulation of Invasive Phenotype by Interstitial Pressure-Driven Convection in Aggregates of Human Breast Cancer Cells. PLoS ONE, 2012, 7, e45191.	2.5	40
70	The Bioelectric Code: Reprogramming Cancer and Aging From the Interface of Mechanical and Chemical Microenvironments. Frontiers in Cell and Developmental Biology, 2018, 6, 21.	3.7	37
71	Matrix compliance and RhoA direct the differentiation of mammary progenitor cells. Biomechanics and Modeling in Mechanobiology, 2012, 11, 1241-1249.	2.8	34
72	Smooth muscle: a stiff sculptor of epithelial shapes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170318.	4.0	34

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73	PI3K regulates branch initiation and extension of cultured mammary epithelia via Akt and Rac1 respectively. Developmental Biology, 2013, 379, 235-245.	2.0	32
74	Substratum stiffness regulates Erk signaling dynamics through receptor-level control. Cell Reports, 2021, 37, 110181.	6.4	32
75	Pulling together: Tissue-generated forces that drive lumen morphogenesis. Seminars in Cell and Developmental Biology, 2016, 55, 139-147.	5.0	31
76	Building branched tissue structures: from single cell guidance to coordinated construction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150527.	4.0	30
77	Extracellular Matrix Stiffness Exists in a Feedback Loop that Drives Tumor Progression. Advances in Experimental Medicine and Biology, 2018, 1092, 57-67.	1.6	30
78	Dynamic changes in epithelial cell packing during tissue morphogenesis. Current Biology, 2021, 31, R1098-R1110.	3.9	30
79	Homology with Vesicle Fusion Mediator Syntaxin-1a Predicts Determinants of Epimorphin/Syntaxin-2 Function in Mammary Epithelial Morphogenesis. Journal of Biological Chemistry, 2009, 284, 6877-6884.	3.4	29
80	Matrix Pore Size Governs Escape of Human Breast Cancer Cells from a Microtumor to an Empty Cavity. IScience, 2020, 23, 101673.	4.1	29
81	Epithelial tissue geometry directs emergence of bioelectric field and pattern of proliferation. Molecular Biology of the Cell, 2020, 31, 1691-1702.	2.1	29
82	Tissue mechanics regulates form, function, and dysfunction. Current Opinion in Cell Biology, 2018, 54, 98-105.	5.4	28
83	Pushing, pulling, and squeezing our way to understanding mechanotransduction. Methods, 2016, 94, 4-12.	3.8	27
84	Mammary branch initiation and extension are inhibited by separate pathways downstream of TGFÎ² in culture. Experimental Cell Research, 2011, 317, 1872-1884.	2.6	26
85	Inhibitory morphogens and monopodial branching of the embryonic chicken lung. Developmental Dynamics, 2012, 241, 852-862.	1.8	26
86	A Soft Microenvironment Protects from Failure of Midbody Abscission and Multinucleation Downstream of the EMT-Promoting Transcription Factor Snail. Cancer Research, 2018, 78, 2277-2289.	0.9	26
87	Lattice-Based Model of Ductal Carcinoma In Situ Suggests Rules for Breast Cancer Progression to an Invasive State. PLoS Computational Biology, 2014, 10, e1003997.	3.2	25
88	Local accumulation of extracellular matrix regulates global morphogenetic patterning in the developing mammary gland. Current Biology, 2021, 31, 1903-1917.e6.	3.9	25
89	Computational models of airway branching morphogenesis. Seminars in Cell and Developmental Biology, 2017, 67, 170-176.	5.0	24
90	Manipulation of Cell-Cell Adhesion Using Bowtie-Shaped Microwells. Methods in Molecular Biology, 2007, 370, 1-9.	0.9	24

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91	Adipose Stroma Induces Branching Morphogenesis of Engineered Epithelial Tubules. Tissue Engineering - Part A, 2010, 16, 3719-3726.	3.1	22
92	Microfabricated tissues for investigating traction forces involved in cell migration and tissue morphogenesis. Cellular and Molecular Life Sciences, 2017, 74, 1819-1834.	5.4	22
93	Biomechanical Approaches for Studying Integration of Tissue Structure and Function in Mammary Epithelia. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 361-374.	2.7	21
94	Regulation of tissue morphodynamics: an important role for actomyosin contractility. Current Opinion in Genetics and Development, 2015, 32, 80-85.	3.3	21
95	3D culture models for studying branching morphogenesis in the mammary gland and mammalian lung. Biomaterials, 2019, 198, 135-145.	11.4	20
96	Soft Microenvironments Induce Chemoresistance by Increasing Autophagy Downstream of Integrin-Linked Kinase. Cancer Research, 2020, 80, 4103-4113.	0.9	20
97	Integrin-linked kinase tunes cellâ€“cell and cell-matrix adhesions to regulate the switch between apoptosis and EMT downstream of TGFÎ²1. Molecular Biology of the Cell, 2021, 32, 402-412.	2.1	20
98	The Ecology of Tumors: By perturbing the microenvironment, wounds and infection may be key to tumor development. Scientist, 2006, 20, 30.	2.0	20
99	Toward the Directed Self-Assembly of Engineered Tissues. Annual Review of Chemical and Biomolecular Engineering, 2014, 5, 507-526.	6.8	19
100	Substratum stiffness tunes proliferation downstream of Wnt3a in part by regulating integrin-linked kinase and frizzled-1. Journal of Cell Science, 2018, 131, .	2.0	19
101	Branch formation during organ development. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 734-741.	6.6	18
102	Microstructured Extracellular Matrices in Tissue Engineering and Development: An Update. Annals of Biomedical Engineering, 2014, 42, 1413-1423.	2.5	18
103	Substratum stiffness signals through integrin-linked kinase and Î²1-integrin to regulate midbody proteins and abscission during EMT. Molecular Biology of the Cell, 2021, 32, 1664-1676.	2.1	18
104	PI3K signaling in the regulation of branching morphogenesis. BioSystems, 2012, 109, 403-411.	2.0	17
105	Fusion of airways during avian lung development constitutes a novel mechanism for the formation of continuous lumena in multicellular epithelia. Developmental Dynamics, 2020, 249, 1318-1333.	1.8	17
106	Quantitative approaches to uncover physical mechanisms of tissue morphogenesis. Current Opinion in Biotechnology, 2013, 24, 954-961.	6.6	15
107	Morphogenesis and morphometric scaling of lung airway development follows phylogeny in chicken, quail, and duck embryos. EvoDevo, 2016, 7, 12.	3.2	14
108	Let's push things forward: disruptive technologies and the mechanics of tissue assembly. Integrative Biology (United Kingdom), 2013, 5, 1162.	1.3	13

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109	Adipose and mammary epithelial tissue engineering. Biomatter, 2013, 3, .	2.6	13
110	Cell Division Induces and Switches Coherent Angular Motion within Bounded Cellular Collectives. Biophysical Journal, 2017, 112, 2419-2427.	0.5	13
111	Interstitial Hypertension Suppresses Escape of Human Breast Tumor Cells Via Convection of Interstitial Fluid. Cellular and Molecular Bioengineering, 2021, 14, 147-159.	2.1	13
112	Regulation of mechanical stress by mammary epithelial tissue structure controls breast cancer cell invasion. Oncotarget, 2013, 4, 498-499.	1.8	13
113	Patterning the embryonic pulmonary mesenchyme. IScience, 2022, 25, 103838.	4.1	13
114	Three-Dimensional Traction Force Microscopy of Engineered Epithelial Tissues. Methods in Molecular Biology, 2015, 1189, 191-206.	0.9	11
115	Lithographically Defined Two- and Three-Dimensional Tissue Microarrays. Methods in Molecular Biology, 2011, 671, 107-116.	0.9	11
116	Stress ball morphogenesis: How the lizard builds its lung. Science Advances, 2021, 7, eabk0161.	10.3	11
117	Generating tissue topology through remodeling of cell-cell adhesions. Experimental Cell Research, 2017, 358, 45-51.	2.6	10
118	A 3D Culture Model to Study How Fluid Pressure and Flow Affect the Behavior of Aggregates of Epithelial Cells. Methods in Molecular Biology, 2017, 1501, 245-257.	0.9	10
119	Modeling branching morphogenesis using materials with programmable mechanical instabilities. Current Opinion in Biomedical Engineering, 2018, 6, 66-73.	3.4	10
120	Transmural pressure signals through retinoic acid to regulate lung branching. Development (Cambridge), 2022, 149, .	2.5	10
121	Dynamics of branched tissue assembly. Stem Cell Research and Therapy, 2012, 3, 42.	5.5	9
122	Epithelial Packing: Even the Best of Friends Must Part. Current Biology, 2018, 28, R1197-R1200.	3.9	9
123	From static to animated: Measuring mechanical forces in tissues. Journal of Cell Biology, 2017, 216, 29-30.	5.2	8
124	Matrix degradation and cell proliferation are coupled to promote invasion and escape from an engineered human breast microtumor. Integrative Biology (United Kingdom), 2021, 13, 17-29.	1.3	8
125	Mechanotransduction, Metastasis and Genomic Instability. Cancer Metastasis - Biology and Treatment, 2015, , 139-158.	0.1	8
126	Mechanical Control of Cell Differentiation: Insights from the Early Embryo. Annual Review of Biomedical Engineering, 2022, 24, 307-322.	12.3	8

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127	Engineered Tissues to Quantify Collective Cell Migration During Morphogenesis. Methods in Molecular Biology, 2012, 886, 173-182.	0.9	7
128	Negative Transpulmonary Pressure Disrupts Airway Morphogenesis by Suppressing Fgf10. Frontiers in Cell and Developmental Biology, 2021, 9, 725785.	3.7	7
129	Forces in Epithelial Origami. Developmental Cell, 2013, 26, 554-556.	7.0	6
130	Engineering Three-dimensional Epithelial Tissues Embedded within Extracellular Matrix. Journal of Visualized Experiments, 2016, , .	0.3	6
131	Uncovering cellular networks in branching morphogenesis using single-cell transcriptomics. Current Topics in Developmental Biology, 2021, 143, 239-280.	2.2	6
132	Substratum stiffness tunes membrane voltage in mammary epithelial cells. Journal of Cell Science, 2021, 134, .	2.0	6
133	Proteins, cells, and tissues in patterned environments. Soft Matter, 2014, 10, 2337.	2.7	5
134	Myoepithelial crowd control of cancer cells. Journal of Cell Biology, 2018, 217, 3319-3321.	5.2	5
135	Engineered extracellular matrices: Emerging strategies for decoupling structural and molecular signals that regulate epithelial branching morphogenesis. Current Opinion in Biomedical Engineering, 2020, 13, 103-112.	3.4	5
136	The mechanics of crypt morphogenesis. Nature Cell Biology, 2021, 23, 678-679.	10.3	5
137	Mechanics of development. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170316.	4.0	4
138	Adipose Stroma Accelerates the Invasion and Escape of Human Breast Cancer Cells from an Engineered Microtumor. Cellular and Molecular Bioengineering, 2022, 15, 15-29.	2.1	4
139	Symmetry breaking during morphogenesis in the embryo and in engineered tissues. AICHE Journal, 2012, 58, 3608-3613.	3.6	3
140	Intercellular Communication, the Tumor Microenvironment, and Tumor Progression. , 2015, , 343-362.		3
141	Revealing epithelial morphogenetic mechanisms through live imaging. Current Opinion in Genetics and Development, 2022, 72, 61-68.	3.3	3
142	Tissue Geometry Regulates Collective Cell Motility. Biophysical Journal, 2012, 102, 705a.	0.5	1
143	Bioengineering and mechanobiology: pushing (and pulling) the limits of cellular mechanics. Molecular Biology of the Cell, 2012, 23, 969-969.	2.1	0
144	Nanomedicine. , 2012, , 1644-1644.		0

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145	Nanostructures for Coloration (Organisms other than Animals). , 2012, , 1790-1803.		0
146	Nano-FET. , 2012, , 1543-1543.		0
147	Self-Propelled Particle Motion of Cells in Tissues. Biophysical Journal, 2013, 104, 213a.	0.5	0
148	Determining the Role of Matrix Compliance in the Differentiation of Mammary Stem Cells. Methods in Molecular Biology, 2013, 1202, 79-94.	0.9	0
149	Oxygen tension and Rac1b localization. , 2014, , .		0
150	Choreographing tissue morphogenesis. Seminars in Cell and Developmental Biology, 2016, 55, 79.	5.0	0
151	Editorial overview: Cell architecture: Physical connections that drive organization and signaling. Current Opinion in Cell Biology, 2018, 50, iv-v.	5.4	0
152	Living under Strain: How Epithelia Protect Their Genomes from Repeated Stretching. Biochemistry, 2020, 59, 2761-2763.	2.5	0
153	Decoupling diffusional from dimensional control of signaling in 3D culture reveals a role for myosin in tubulogenesis. Development (Cambridge), 2010, 137, e1-e1.	2.5	0
154	Transmembrane/cytoplasmic, rather than catalytic, domains of Mmp14 signal to MAPK activation and mammary branching morphogenesis via binding to integrin Î²1. Journal of Cell Science, 2013, 126, e1-e1.	2.0	0
155	Nanopatterned Surfaces for Exploring and Regulating Cell Behavior. , 2016, , 2598-2606.		0
156	The Role of Cell Contractility in Epithelial Morphogenesis. FASEB Journal, 2016, 30, 232.3.	0.5	0
157	Abstract 4526: Tumor invasion and escape from an engineered solid-like aggregate of human breast cancer cells into a cavity. , 2019, , .		0
158	How the lung folds itself: biophysical insights from evolution. FASEB Journal, 2022, 36, .	0.5	0