

# Jonathon M Muncie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5939438/publications.pdf>

Version: 2024-02-01

12  
papers

1,058  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled modelling of human epiblast and amnion development using stem cells. <i>Nature</i> , 2019, 573, 421-425.	27.8	338
2	The Physical and Biochemical Properties of the Extracellular Matrix Regulate Cell Fate. <i>Current Topics in Developmental Biology</i> , 2018, 130, 1-37.	2.2	179
3	Mechanical Control of Epithelial-to-Mesenchymal Transitions in Development and Cancer. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 527-554.	9.4	118
4	Wnt4 from the Niche Controls the Mechano-Properties and Quiescent State of Muscle Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 654-665.e4.	11.1	117
5	Mechanical Tension Promotes Formation of Gastrulation-like Nodes and Patterns Mesoderm Specification in Human Embryonic Stem Cells. <i>Developmental Cell</i> , 2020, 55, 679-694.e11.	7.0	84
6	Tissue mechanics in stem cell fate, development, and cancer. <i>Developmental Cell</i> , 2021, 56, 1833-1847.	7.0	71
7	Adhesion-mediated mechanosignaling forces mitohormesis. <i>Cell Metabolism</i> , 2021, 33, 1322-1341.e13.	16.2	65
8	Spatiotemporal mosaic self-patterning of pluripotent stem cells using CRISPR interference. <i>ELife</i> , 2018, 7, .	6.0	27
9	Brahma safeguards canalization of cardiac mesoderm differentiation. <i>Nature</i> , 2022, 602, 129-134.	27.8	22
10	EPH/EPHRIN regulates cellular organization by actomyosin contractility effects on cell contacts. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	20
11	Patterning the Geometry of Human Embryonic Stem Cell Colonies on Compliant Substrates to Control Tissue-Level Mechanics. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4
12	Membrane Tension Locks In Pluripotency. <i>Cell Stem Cell</i> , 2021, 28, 175-176.	11.1	2