

Janna K Mouw

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7107619/publications.pdf>

Version: 2024-02-01

11
papers

3,195
citations

933447

10
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

6437
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular matrix assembly: a multiscale deconstruction. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 771-785.	37.0	1,061
2	The cancer glyocalyx mechanically primes integrin-mediated growth and survival. <i>Nature</i> , 2014, 511, 319-325.	27.8	610
3	Genotype tunes pancreatic ductal adenocarcinoma tissue tension to induce matricellular fibrosis and tumor progression. <i>Nature Medicine</i> , 2016, 22, 497-505.	30.7	456
4	Tissue mechanics modulate microRNA-dependent PTEN expression to regulate malignant progression. <i>Nature Medicine</i> , 2014, 20, 360-367.	30.7	353
5	Feeling Stress: The Mechanics of Cancer Progression and Aggression. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 17.	3.7	288
6	Tissue mechanics promote IDH1-dependent HIF1 α -tenascin C feedback to regulate glioblastoma aggression. <i>Nature Cell Biology</i> , 2016, 18, 1336-1345.	10.3	259
7	Stiff stroma increases breast cancer risk by inducing the oncogene ZNF217. <i>Journal of Clinical Investigation</i> , 2020, 130, 5721-5737.	8.2	73
8	Epigenetically heterogeneous tumor cells direct collective invasion through filopodia-driven fibronectin micropatterning. <i>Science Advances</i> , 2020, 6, eaaz6197.	10.3	41
9	Loss of <i>miR-203</i> regulates cell shape and matrix adhesion through ROBO1/Rac/FAK in response to stiffness. <i>Journal of Cell Biology</i> , 2016, 212, 707-719.	5.2	38
10	Antisecretory Factor-Mediated Inhibition of Cell Volume Dynamics Produces Antitumor Activity in Glioblastoma. <i>Molecular Cancer Research</i> , 2018, 16, 777-790.	3.4	16
11	EXTH-23. ANTISECRETORY FACTOR-MEDIATED LOWERING OF INTERSTITIAL FLUID PRESSURE PRODUCES ANTI-TUMOR ACTIVITY IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2017, 19, vi77-vi77.	1.2	0