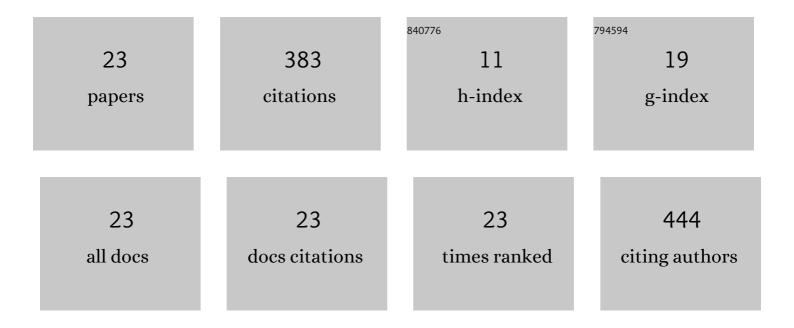
Daniel F Lusche

List of Publications by Year in descending order

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DANIEL ELUSCHE

#	Article	IF	CITATIONS
1	PTEN plays a role in the suppression of lateral pseudopod formation during Dictyostelium motility and chemotaxis. Journal of Cell Science, 2007, 120, 2517-2531.	2.0	70
2	Interferon regulatory factor 6 regulates keratinocyte migration. Journal of Cell Science, 2014, 127, 2840-8.	2.0	48
3	The effects of extracellular calcium on motility, pseudopod and uropod formation, chemotaxis, and the cortical localization of myosin II in <i>Dictyostelium discoideum</i> . Cytoskeleton, 2009, 66, 567-587.	4.4	31
4	Ca2+ regulation in the absence of the iplA gene product in Dictyostelium discoideum. BMC Cell Biology, 2005, 6, 13.	3.0	27
5	Reciprocal signaling and direct physical interactions between fibroblasts and breast cancer cells in a 3D environment. PLoS ONE, 2019, 14, e0218854.	2.5	27
6	Ca2+ chemotaxis in <i>Dictyostelium discoideum</i> . Journal of Cell Science, 2010, 123, 3756-3767.	2.0	25
7	How a Cell Crawls and the Role of Cortical Myosin II. Eukaryotic Cell, 2009, 8, 1381-1396.	3.4	24
8	The IplA Ca++ Channel Of <i>Dictyostelium discoideum</i> Is Necessary For Ca++, But Not cAMP Chemotaxis, And Plays A Fundamental Role In Natural Aggregation. Journal of Cell Science, 2012, 125, 1770-83.	2.0	18
9	Melanoma cells undergo aggressive coalescence in a 3D Matrigel model that is repressed by anti-CD44. PLoS ONE, 2017, 12, e0173400.	2.5	18
10	Huntingtin regulates Ca2+ chemotaxis and K+-facilitated cAMP chemotaxis, in conjunction with the monovalent cation/H+ exchanger Nhe1, in a model developmental system: Insights into its possible role in Huntington×3s disease. Developmental Biology, 2014, 394, 24-38.	2.0	12
11	A Computer-Assisted 3D Model for Analyzing the Aggregation of Tumorigenic Cells Reveals Specialized Behaviors and Unique Cell Types that Facilitate Aggregate Coalescence. PLoS ONE, 2015, 10, e0118628.	2.5	12
12	Nhe1 Is Essential for Potassium but Not Calcium Facilitation of Cell Motility and the Monovalent Cation Requirement for Chemotactic Orientation in Dictyostelium discoideum. Eukaryotic Cell, 2011, 10, 320-331.	3.4	11
13	Overexpressing <i>TPTE2</i> (<i>TPIP</i>), a homolog of the human tumor suppressor gene <i>PTEN</i> , rescues the abnormal phenotype of the <i>PTENâ^'/â^'</i> mutant. Oncotarget, 2018, 9, 21100-21121.	1.8	11
14	4D Tumorigenesis Model for Quantitating Coalescence, Directed Cell Motility and Chemotaxis, Identifying Unique Cell Behaviors, and Testing Anticancer Drugs. Methods in Molecular Biology, 2016, 1407, 229-250.	0.9	9
15	Mediated coalescence: a possible mechanism for tumor cellular heterogeneity. American Journal of Cancer Research, 2015, 5, 3485-504.	1.4	9
16	Integrin α-3 ß-1's central role in breast cancer, melanoma and glioblastoma cell aggregation revealed by antibodies with blocking activity. MAbs, 2019, 11, 691-708.	5.2	7
17	Myosin heavy chain kinases play essential roles in Ca2+, but not cAMP, chemotaxis and the natural aggregation of Dictyostelium discoideum. Journal of Cell Science, 2012, 125, 4934-44.	2.0	6
18	Quantitative Motion Analysis in Two and Three Dimensions. Methods in Molecular Biology, 2016, 1365, 265-292.	0.9	5

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19	PTEN Redundancy: Overexpressing lpten, a Homolog of Dictyostelium discoideum ptenA, the Ortholog of Human PTEN, Rescues All Behavioral Defects of the Mutant ptenAâ^'. PLoS ONE, 2014, 9, e108495.	2.5	5
20	3D and 4D for the Quantitative Analysis of Cancer Behavior and Screening for Anticancer Drugs. Methods in Molecular Biology, 2022, 2364, 299-318.	0.9	4
21	New monoclonal antibodies that recognize an unglycosylated, conserved, extracellular region of CD44 in vitro and in vivo, and can block tumorigenesis. PLoS ONE, 2021, 16, e0250175.	2.5	3
22	Directed movement toward, translocation along, penetration into and exit from vascular networks by breast cancer cells in 3D. Cell Adhesion and Migration, 2021, 15, 224-248.	2.7	1
23	Arachidonic acid is a chemoattractant for Dictyostelium discoideum cells. Journal of Biosciences, 2007, 32, 1281.	1.1	0