

Stephanie Alexander

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6371339/publications.pdf>

Version: 2024-02-01

16
papers

4,505
citations

623734

14
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

7948
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer Invasion and the Microenvironment: Plasticity and Reciprocity. <i>Cell</i> , 2011, 147, 992-1009.	28.9	1,669
2	Physical limits of cell migration: Control by ECM space and nuclear deformation and tuning by proteolysis and traction force. <i>Journal of Cell Biology</i> , 2013, 201, 1069-1084.	5.2	1,123
3	Collagen-based cell migration models in vitro and in vivo. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 931-941.	5.0	558
4	Dynamic imaging of cancer growth and invasion: a modified skin-fold chamber model. <i>Histochemistry and Cell Biology</i> , 2008, 130, 1147-1154.	1.7	224
5	Infrared multiphoton microscopy: subcellular-resolved deep tissue imaging. <i>Current Opinion in Biotechnology</i> , 2009, 20, 54-62.	6.6	168
6	Examination of the foreign body response to biomaterials by nonlinear intravital microscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	147
7	Cancer invasion and resistance: interconnected processes of disease progression and therapy failure. <i>Trends in Molecular Medicine</i> , 2012, 18, 13-26.	6.7	139
8	Preclinical intravital microscopy of the tumour-stroma interface: invasion, metastasis, and therapy response. <i>Current Opinion in Cell Biology</i> , 2013, 25, 659-671.	5.4	121
9	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018, 561, 411-415.	27.8	98
10	Correlative live and super-resolution imaging reveals the dynamic structure of replication domains. <i>Journal of Cell Biology</i> , 2018, 217, 1973-1984.	5.2	61
11	Collective cancer invasion forms an integrin-dependent radioresistant niche. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	55
12	Intravital microscopy of osteolytic progression and therapy response of cancer lesions in the bone. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	42
13	Integrating Imaging and Omics: Computational Methods and Challenges. <i>Annual Review of Biomedical Data Science</i> , 2019, 2, 175-197.	6.5	33
14	Genomic instability of micronucleated cells revealed by single-cell comparative genomic hybridization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 562-568.	1.5	16
15	Yes-mediated phosphorylation of focal adhesion kinase at tyrosine 861 increases metastatic potential of prostate cancer cells. <i>Oncotarget</i> , 2015, 6, 10175-10194.	1.8	14
16	Cancer invasion and resistance. <i>European Journal of Cancer, Supplement</i> , 2013, 11, 291-293.	2.2	10