Ashley M Laughney

List of Publications by Year
in descending order

25 papers	2,681 citations	471509 17 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	5529 citing authors

#	Article	IF	Citations
1	Chromosomal instability drives metastasis through a cytosolic DNA response. Nature, 2018, 553, 467-472.	27.8	1,002
2	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
3	Regenerative lineages and immune-mediated pruning in lung cancer metastasis. Nature Medicine, 2020, 26, 259-269.	30.7	274
4	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. Science Translational Medicine, 2015, 7, 314ra183.	12.4	273
5	L1CAM defines the regenerative origin of metastasis-initiating cells in colorectal cancer. Nature Cancer, 2020, 1, 28-45.	13.2	137
6	Dynamics of Tumor Heterogeneity Derived from Clonal Karyotypic Evolution. Cell Reports, 2015, 12, 809-820.	6.4	99
7	Spectral discrimination of breast pathologies in situusing spatial frequency domain imaging. Breast Cancer Research, 2013, 15, R61.	5.0	72
8	Single-cell pharmacokinetic imaging reveals a therapeutic strategy to overcome drug resistance to the microtubule inhibitor eribulin. Science Translational Medicine, 2014, 6, 261ra152.	12.4	71
9	Numerical chromosomal instability mediates susceptibility to radiation treatment. Nature Communications, 2015, 6, 5990.	12.8	63
10	Cancer metastasis as a non-healing wound. British Journal of Cancer, 2021, 124, 1491-1502.	6.4	51
11	System analysis of spatial frequency domain imaging for quantitative mapping of surgically resected breast tissues. Journal of Biomedical Optics, 2013, 18, 036012.	2.6	47
12	Scatter Spectroscopic Imaging Distinguishes between Breast Pathologies in Tissues Relevant to Surgical Margin Assessment. Clinical Cancer Research, 2012, 18, 6315-6325.	7.0	41
13	High-resolution mouse subventricular zone stem-cell niche transcriptome reveals features of lineage, anatomy, and aging. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31448-31458.	7.1	39
14	Adult Human Glioblastomas Harbor Radial Glia-like Cells. Stem Cell Reports, 2020, 14, 338-350.	4.8	35
15	Loss of polycomb repressive complex 1 activity and chromosomal instability drive uveal melanoma progression. Nature Communications, 2021, 12, 5402.	12.8	34
16	Automated classification of breast pathology using local measures of broadband reflectance. Journal of Biomedical Optics, 2010, 15, 066019.	2.6	28
17	A Markov chain for numerical chromosomal instability in clonally expanding populations. PLoS Computational Biology, 2018, 14, e1006447.	3.2	23
18	In Vivo Imaging of Multidrug Resistance Using a Third Generation MDR1 Inhibitor. Bioconjugate Chemistry, 2014, 25, 1137-1142.	3.6	20

#	ARTICLE	IF	CITATIONS
19	Direct identification of breast cancer pathologies using blind separation of label-free localized reflectance measurements. Biomedical Optics Express, 2013, 4, 1104.	2.9	12
20	Dark-field scanning in situ spectroscopy platform for broadband imaging of resected tissue. Optics Letters, 2011, 36, 1911.	3.3	11
21	Scanning in situ Spectroscopy platform for imaging surgical breast tissue specimens. Optics Express, 2013, 21, 2185.	3.4	9
22	Multispectral reflectance enhancement for breast cancer visualization in the operating room. , 2015, , .		2
23	Textural analysis of optical scattering for identification of cancer in breast surgical specimens. , 2012, , .		0
24	ICA-guided delineation of breast cancer pathology. , 2012, , .		0
25	How Has the COVID-19 Pandemic Changed How You Will Approach Research and Lab Work in the Future?. Cell Systems, 2020, 11, 550-554.	6.2	0