Eliot T Mckinley

List of Publications by Year
in descending order

31 papers	2,004 citations	430874 18 h-index	501196 28 g-index
33 all docs	33 docs citations	33 times ranked	3416 citing authors

#	Article	IF	Citations
1	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
2	Transfer of Functional Cargo in Exomeres. Cell Reports, 2019, 27, 940-954.e6.	6.4	255
3	Supermeres are functional extracellular nanoparticles replete with disease biomarkers and therapeutic targets. Nature Cell Biology, 2021, 23, 1240-1254.	10.3	171
4	Unsupervised Trajectory Analysis of Single-Cell RNA-Seq and Imaging Data Reveals Alternative Tuft Cell Origins in the Gut. Cell Systems, 2018, 6, 37-51.e9.	6.2	167
5	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. Cell, 2021, 184, 6262-6280.e26.	28.9	125
6	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. Gastroenterology, 2020, 159, 2101-2115.e5.	1.3	123
7	Optimized multiplex immunofluorescence single-cell analysis reveals tuft cell heterogeneity. JCI Insight, 2017, 2, .	5.0	106
8	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
9	Limits of [18F]-FLT PET as a Biomarker of Proliferation in Oncology. PLoS ONE, 2013, 8, e58938.	2.5	95
10	In vivo imaging of cancer cell size and cellularity using temporal diffusion spectroscopy. Magnetic Resonance in Medicine, 2017, 78, 156-164.	3.0	71
11	Interpreting heterogeneity in intestinal tuft cell structure and function. Journal of Clinical Investigation, 2018, 128, 1711-1719.	8.2	54
12	Inducible loss of one Apc allele in Lrig1-expressing progenitor cells results in multiple distal colonic tumors with features of familial adenomatous polyposis. American Journal of Physiology - Renal Physiology, 2014, 307, G16-G23.	3.4	53
13	Magnetic resonance imaging of mean cell size in human breast tumors. Magnetic Resonance in Medicine, 2020, 83, 2002-2014.	3.0	43
14	Cytometryâ€based singleâ€cell analysis of intact epithelial signaling reveals <scp>MAPK</scp> activation divergent from <scp>TNF</scp>â€Îąâ€induced apoptosis inÂvivo. Molecular Systems Biology, 2015, 11, 835.	7.2	41
15	Single-Cell Computational Strategies for Lineage Reconstruction in Tissue Systems. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 539-548.	4.5	33
16	Mutant KRAS Exosomes Alter the Metabolic StateÂofÂRecipient ColonicÂEpithelial Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 627-629.e6.	4.5	27
17	MRI of tumor T cell infiltration in response to checkpoint inhibitor therapy. , 2020, 8, e000328.		25
18	MIRIAM: A machine and deep learning singleâ€cell segmentation and quantification pipeline for multiâ€dimensional tissue images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 521-528.	1.5	23

#	Article	IF	Citations
19	Impaired coordination between signaling pathways is revealed in human colorectal cancer using single-cell mass cytometry of archival tissue blocks. Science Signaling, 2016, 9, rs11.	3.6	22
20	Preclinical TSPO Ligand PET to Visualize Human Glioma Xenotransplants: A Preliminary Study. PLoS ONE, 2015, 10, e0141659.	2.5	21
21	In vivo magnetic resonance imaging of treatment-induced apoptosis. Scientific Reports, 2019, 9, 9540.	3.3	17
22	Quantifying and correcting slide-to-slide variation in multiplexed immunofluorescence images. Bioinformatics, 2022, 38, 1700-1707.	4.1	16
23	3â€²-Deoxy-3â€²-[18F]-Fluorothymidine PET Imaging Reflects PI3K-mTOR-Mediated Pro-Survival Response to Targeted Therapy in Colorectal Cancer. PLoS ONE, 2014, 9, e108193.	2.5	12
24	MRIâ€cytometry: Mapping nonparametric cell size distributions using diffusion MRI. Magnetic Resonance in Medicine, 2021, 85, 748-761.	3.0	12
25	High-yielding, automated production of 3â€²-deoxy-3â€²-[18 F]fluorothymidine using a modified Bioscan Coincidence FDG reaction module. Applied Radiation and Isotopes, 2015, 97, 47-51.	1.5	9
26	[18F]-FLT PET to predict early response to neoadjuvant therapy in KRAS wild-type rectal cancer: a pilot study. Annals of Nuclear Medicine, 2015, 29, 535-542.	2.2	8
27	TSPO-targeted PET and Optical Probes for the Detection and Localization of Premalignant and Malignant Pancreatic Lesions. Clinical Cancer Research, 2020, 26, 5914-5925.	7.0	7
28	Cancer-Associated Fibroblasts and Squamous Epithelial Cells Constitute a Unique Microenvironment in a Mouse Model of Inflammation-Induced Colon Cancer. Frontiers in Oncology, 2022, 12, .	2.8	6
29	Induction of apically mistrafficked epiregulin disrupts epithelial polarity via aberrant EGFR signaling. Journal of Cell Science, 2021, 134, .	2.0	3
30	0466 Consequences of Differing Hypopnea Scoring Guidelines on Mild OSA Diagnosis. Sleep, 2019, 42, A187-A188.	1.1	0
31	Identification and Characterization of Unique Neutralizing Antibodies to Mouse EGF Receptor. Gastroenterology, 2020, 158, 1500-1502.	1.3	0