

# Eliot T Mckinley

## List of Publications by Year in descending order

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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	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. <i>Nature Methods</i> , 2022, 19, 311-315.	19.0	102
2	Quantifying and correcting slide-to-slide variation in multiplexed immunofluorescence images. <i>Bioinformatics</i> , 2022, 38, 1700-1707.	4.1	16
3	MIRIAM: A machine and deep learning single-cell segmentation and quantification pipeline for multi-dimensional tissue images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 521-528.	1.5	23
4	Cancer-Associated Fibroblasts and Squamous Epithelial Cells Constitute a Unique Microenvironment in a Mouse Model of Inflammation-Induced Colon Cancer. <i>Frontiers in Oncology</i> , 2022, 12, .	2.8	6
5	MRI-cytometry: Mapping nonparametric cell size distributions using diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 748-761.	3.0	12
6	Induction of apically mistrafficked epiregulin disrupts epithelial polarity via aberrant EGFR signaling. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	3
7	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. <i>Cell</i> , 2021, 184, 6262-6280.e26.	28.9	125
8	Supermeres are functional extracellular nanoparticles replete with disease biomarkers and therapeutic targets. <i>Nature Cell Biology</i> , 2021, 23, 1240-1254.	10.3	171
9	Magnetic resonance imaging of mean cell size in human breast tumors. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2002-2014.	3.0	43
10	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. <i>Gastroenterology</i> , 2020, 159, 2101-2115.e5.	1.3	123
11	TSPO-targeted PET and Optical Probes for the Detection and Localization of Premalignant and Malignant Pancreatic Lesions. <i>Clinical Cancer Research</i> , 2020, 26, 5914-5925.	7.0	7
12	Identification and Characterization of Unique Neutralizing Antibodies to Mouse EGF Receptor. <i>Gastroenterology</i> , 2020, 158, 1500-1502.	1.3	0
13	MRI of tumor T cell infiltration in response to checkpoint inhibitor therapy. , 2020, 8, e000328.		25
14	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020, 181, 236-249.	28.9	334
15	In vivo magnetic resonance imaging of treatment-induced apoptosis. <i>Scientific Reports</i> , 2019, 9, 9540.	3.3	17
16	0466 Consequences of Differing Hypopnea Scoring Guidelines on Mild OSA Diagnosis. <i>Sleep</i> , 2019, 42, A187-A188.	1.1	0
17	Transfer of Functional Cargo in Exomeres. <i>Cell Reports</i> , 2019, 27, 940-954.e6.	6.4	255
18	Single-Cell Computational Strategies for Lineage Reconstruction in Tissue Systems. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 539-548.	4.5	33

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19	Unsupervised Trajectory Analysis of Single-Cell RNA-Seq and Imaging Data Reveals Alternative Tuft Cell Origins in the Gut. <i>Cell Systems</i> , 2018, 6, 37-51.e9.	6.2	167
20	Mutant KRAS Exosomes Alter the Metabolic State of Recipient Colonic Epithelial Cells. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 627-629.e6.	4.5	27
21	Interpreting heterogeneity in intestinal tuft cell structure and function. <i>Journal of Clinical Investigation</i> , 2018, 128, 1711-1719.	8.2	54
22	In vivo imaging of cancer cell size and cellularity using temporal diffusion spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 156-164.	3.0	71
23	Optimized multiplex immunofluorescence single-cell analysis reveals tuft cell heterogeneity. <i>JCI Insight</i> , 2017, 2, .	5.0	106
24	Impaired coordination between signaling pathways is revealed in human colorectal cancer using single-cell mass cytometry of archival tissue blocks. <i>Science Signaling</i> , 2016, 9, rs11.	3.6	22
25	Cytometry-based single-cell analysis of intact epithelial signaling reveals <i>MAPK</i> activation divergent from <i>TNF</i> -induced apoptosis <i>in vivo</i> . <i>Molecular Systems Biology</i> , 2015, 11, 835.	7.2	41
26	[ <sup>18</sup> F]-FLT PET to predict early response to neoadjuvant therapy in KRAS wild-type rectal cancer: a pilot study. <i>Annals of Nuclear Medicine</i> , 2015, 29, 535-542.	2.2	8
27	High-yielding, automated production of 3-deoxy-3-[ <sup>18</sup> F]fluorothymidine using a modified Bioscan Coincidence FDG reaction module. <i>Applied Radiation and Isotopes</i> , 2015, 97, 47-51.	1.5	9
28	Preclinical TSPO Ligand PET to Visualize Human Glioma Xenotransplants: A Preliminary Study. <i>PLoS ONE</i> , 2015, 10, e0141659.	2.5	21
29	3-Deoxy-3-[ <sup>18</sup> F]-Fluorothymidine PET Imaging Reflects PI3K-mTOR-Mediated Pro-Survival Response to Targeted Therapy in Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e108193.	2.5	12
30	Inducible loss of one <i>Apc</i> allele in <i>Lrig1</i> -expressing progenitor cells results in multiple distal colonic tumors with features of familial adenomatous polyposis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G16-G23.	3.4	53
31	Limits of [ <sup>18</sup> F]-FLT PET as a Biomarker of Proliferation in Oncology. <i>PLoS ONE</i> , 2013, 8, e58938.	2.5	95