

# Trevor McKee

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

3,993  
citations

236612

25  
h-index

223531

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

6298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of a Digital Analysis Method to Quantify CD3-immunostained T Lymphocytes in Whole Slide Images of Crohn's Disease Biopsies. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2022, Publish Ahead of Print, .	0.6	0
2	Blocking the GITR-GITRL pathway to overcome resistance to therapy in sarcomatoid malignant pleural mesothelioma. <i>Communications Biology</i> , 2021, 4, 914.	2.0	7
3	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury. <i>Mayo Clinic Proceedings</i> , 2021, 96, 2561-2575.	1.4	41
4	Heterogeneity of Circulating Tumor Cellâ€™Associated Genomic Gains in Breast Cancer and Its Association with the Host Immune Response. <i>Cancer Research</i> , 2021, 81, 6196-6206.	0.4	5
5	Prognostic influence of tumor microenvironment after hypofractionated radiation and surgery for mesothelioma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2082-2091.e1.	0.4	28
6	GLUT1 inhibition blocks growth of RB1-positive triple negative breast cancer. <i>Nature Communications</i> , 2020, 11, 4205.	5.8	130
7	Discoidin domain receptor 1-deletion ameliorates fibrosis and promotes adipose tissue beiging, brown fat activity, and increased metabolic rate in a mouse model of cardiometabolic disease. <i>Molecular Metabolism</i> , 2020, 39, 101006.	3.0	10
8	Towards extracellular matrix normalization for improved treatment of solid tumors. <i>Theranostics</i> , 2020, 10, 1960-1980.	4.6	68
9	Cross-species genomics identifies DLG2 as a tumor suppressor in osteosarcoma. <i>Oncogene</i> , 2019, 38, 291-298.	2.6	65
10	Metalloprotease inhibitor TIMP proteins control FGF-2 bioavailability and regulate skeletal growth. <i>Journal of Cell Biology</i> , 2019, 218, 3134-3152.	2.3	16
11	Tracking adiponectin biodistribution via fluorescence molecular tomography indicates increased vascular permeability after streptozotocin-induced diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E760-E772.	1.8	5
12	Evaluation of optimal biopsy location for assessment of histological activity, transcriptomic and immunohistochemical analyses in patients with active Crohnâ€™s disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 1401-1409.	1.9	21
13	Quantitative Visualization of Hypoxia and Proliferation Gradients Within Histological Tissue Sections. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 397.	2.0	28
14	Multiplexed imaging of immune cells in staged multiple sclerosis lesions by mass cytometry. <i>ELife</i> , 2019, 8, .	2.8	56
15	The mTOR Targets 4E-BP1/2 Restrain Tumor Growth and Promote Hypoxia Tolerance in PTEN-driven Prostate Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 682-695.	1.5	24
16	Administration of Hypoxia-Activated Prodrug Evofosfamide after Conventional Adjuvant Therapy Enhances Therapeutic Outcome and Targets Cancer-Initiating Cells in Preclinical Models of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 2116-2127.	3.2	20
17	Computationally-Guided Development of a Stromal Inflammation Histologic Biomarker in Lung Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2018, 8, 3941.	1.6	11
18	Role of chemokines in metastatic niche: new insights along with a diagnostic and prognostic approach. <i>Apmis</i> , 2018, 126, 359-370.	0.9	19

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19	SP-0337: Understanding and targeting the underlying drivers of tumor hypoxia. Radiotherapy and Oncology, 2018, 127, S178.	0.3	0
20	Radiation and Heat Improve the Delivery and Efficacy of Nanotherapeutics by Modulating Intratumoral Fluid Dynamics. ACS Nano, 2018, 12, 7583-7600.	7.3	55
21	Nanoparticle Formulation Derived from Carboxymethyl Cellulose, Polyethylene Glycol, and Cabazitaxel for Chemotherapy Delivery to the Brain. Bioconjugate Chemistry, 2018, 29, 2009-2020.	1.8	14
22	Evofosfamide for the treatment of human papillomavirus-negative head and neck squamous cell carcinoma. JCI Insight, 2018, 3, .	2.3	44
23	Pentraxin 3 deficiency enhances features of chronic rejection in a mouse orthotopic lung transplantation model. Oncotarget, 2018, 9, 8489-8501.	0.8	9
24	The expression of CD markers in solid tumors: Significance in metastasis and prognostic value. Histology and Histopathology, 2018, 33, 1005-1012.	0.5	9
25	Correlation of Somatostatin Receptor-2 Expression with Gallium-68-DOTA-TATE Uptake in Neuroblastoma Xenograft Models. Contrast Media and Molecular Imaging, 2017, 2017, 1-10.	0.4	15
26	Neoadjuvant olaparib targets hypoxia to improve radioresponse in a homologous recombination-proficient breast cancer model. Oncotarget, 2017, 8, 87638-87646.	0.8	10
27	MATE2 Expression Is Associated with Cancer Cell Response to Metformin. PLoS ONE, 2016, 11, e0165214.	1.1	25
28	Variations in the Abundance of Lipid Biomarker Ions in Mass Spectrometry Images Correlate to Tissue Density. Analytical Chemistry, 2016, 88, 12099-12107.	3.2	16
29	Identification of RSK and TTK as Modulators of Blood Vessel Morphogenesis Using an Embryonic Stem Cell-Based Vascular Differentiation Assay. Stem Cell Reports, 2016, 7, 787-801.	2.3	14
30	Isotopologous Organotellurium Probes Reveal Dynamic Hypoxia In Vivo with Cellular Resolution. Angewandte Chemie, 2016, 128, 13353-13357.	1.6	9
31	Isotopologous Organotellurium Probes Reveal Dynamic Hypoxia In Vivo with Cellular Resolution. Angewandte Chemie - International Edition, 2016, 55, 13159-13163.	7.2	32
32	Thermosensitive liposomal cisplatin in combination with local hyperthermia results in tumor growth delay and changes in tumor microenvironment in xenograft models of lung carcinoma <sup>*</sup> . Journal of Drug Targeting, 2016, 24, 865-877.	2.1	18
33	RANKL blockade prevents and treats aggressive osteosarcomas. Science Translational Medicine, 2015, 7, 317ra197.	5.8	67
34	A Progesterone-CXCR4 Axis Controls Mammary Progenitor Cell Fate in the Adult Gland. Stem Cell Reports, 2015, 4, 313-322.	2.3	38
35	A Phase 2 biomarker-enriched study of evofosfamide (TH-302) in patients with advanced melanoma.. Journal of Clinical Oncology, 2015, 33, TPS9089-TPS9089.	0.8	0
36	Resistance to dual blockade of the kinases PI3K and mTOR in KRAS <sup>*</sup> -mutant colorectal cancer models results in combined sensitivity to inhibition of the receptor tyrosine kinase EGFR. Science Signaling, 2014, 7, ra107.	1.6	30

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37	Reprogramming Metabolism with Metformin Improves Tumor Oxygenation and Radiotherapy Response. <i>Clinical Cancer Research</i> , 2013, 19, 6741-6750.	3.2	268
38	QUANTIFYING NANOPARTICLE TRANSPORT <i>IN VIVO</i> USING HYPERSPECTRAL IMAGING WITH A DORSAL SKINFOLD WINDOW CHAMBER. <i>Journal of Innovative Optical Health Sciences</i> , 2012, 05, 1250023.	0.5	4
39	Mice with Tissue Inhibitor of Metalloproteinases 4 (Timp4) Deletion Succumb to Induced Myocardial Infarction but Not to Cardiac Pressure Overload. <i>Journal of Biological Chemistry</i> , 2010, 285, 24487-24493.	1.6	80
40	Prkar1a is an osteosarcoma tumor suppressor that defines a molecular subclass in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 3310-3325.	3.9	89
41	In vivo imaging of extracellular matrix remodeling by tumor-associated fibroblasts. <i>Nature Methods</i> , 2009, 6, 143-145.	9.0	120
42	Degradation of Fibrillar Collagen in a Human Melanoma Xenograft Improves the Efficacy of an Oncolytic Herpes Simplex Virus Vector. <i>Cancer Research</i> , 2006, 66, 2509-2513.	0.4	363
43	Lack of Telopeptides in Fibrillar Collagen I Promotes the Invasion of a Metastatic Breast Tumor Cell Line. <i>Cancer Research</i> , 2005, 65, 5674-5682.	0.4	50
44	Two-photon fluorescence correlation microscopy reveals the two-phase nature of transport in tumors. <i>Nature Medicine</i> , 2004, 10, 203-207.	15.2	163
45	Dynamic imaging of collagen and its modulation in tumors in vivo using second-harmonic generation. <i>Nature Medicine</i> , 2003, 9, 796-800.	15.2	798
46	Irradiation reduces interstitial fluid transport and increases the collagen content in tumors. <i>Clinical Cancer Research</i> , 2003, 9, 5508-13.	3.2	32
47	Diffusion and Convection in Collagen Gels: Implications for Transport in the Tumor Interstitium. <i>Biophysical Journal</i> , 2002, 83, 1650-1660.	0.2	457
48	Solid stress facilitates spheroid formation: potential involvement of hyaluronan. <i>British Journal of Cancer</i> , 2002, 86, 947-953.	2.9	69
49	Role of tumor-host interactions in interstitial diffusion of macromolecules: Cranial vs. subcutaneous tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4628-4633.	3.3	529