Meghan J O'melia

List of Publications by Year
in descending order

11	335	1163117 8	1474206 9
papers	citations	h-index	g-index

11	11	11	348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blockade of immune checkpoints in lymph nodes through locoregional delivery augments cancer immunotherapy. Science Translational Medicine, 2020, 12, .	12.4	142
2	Thermosensitive hydrogel releasing nitric oxide donor and anti-CTLA-4 micelles for anti-tumor immunotherapy. Nature Communications, 2022, 13, 1479.	12.8	61
3	The Biophysics of Lymphatic Transport: Engineering Tools and Immunological Consequences. IScience, 2019, 22, 28-43.	4.1	31
4	Lymph Node Subcapsular Sinus Microenvironment-On-A-ChipÂModeling Shear Flow Relevant to Lymphatic Metastasis and Immune Cell Homing. IScience, 2020, 23, 101751.	4.1	25
5	Quality of CD8 ⁺ T cell immunity evoked in lymph nodes is compartmentalized by route of antigen transport and functional in tumor context. Science Advances, 2020, 6, .	10.3	24
6	Tumor-draining lymph nodes are survival niches that support T cell priming against lymphatic transported tumor antigen and effects of immune checkpoint blockade in TNBC. Cancer Immunology, Immunotherapy, 2021, 70, 2179-2195.	4.2	22
7	Synthetic Matrix Scaffolds Engineer the In Vivo Tumor Immune Microenvironment for Immunotherapy Screening. Advanced Materials, 2022, 34, e2108084.	21.0	13
8	Analyzing Mechanisms of Metastatic Cancer Cell Adhesive Phenotype Leveraging Preparative Adhesion Chromatography Microfluidic. Advanced Biology, 2019, 3, e1800328.	3.0	9
9	Quantitation of lymphatic transport mechanism and barrier influences on lymph node-resident leukocyte access to lymph-borne macromolecules and drug delivery systems. Drug Delivery and Translational Research, 2021, 11, 2328-2343.	5.8	8
10	Hydrodynamic shear-based purification of cancer cells with enhanced tumorigenic potential. Integrative Biology (United Kingdom), 2020, 12, 1-11.	1.3	0
11	Tumor Vascular Remodeling Affects Molecular Dissemination to Lymph Node and Systemic Leukocytes. Tissue Engineering - Part A, 2022, , .	3.1	0