

Aaron E Chiou

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

337
citations

1170033

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1336881

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times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing codependent cellular cross-talk in lung adenocarcinoma using REMI. <i>Science Advances</i> , 2022, 8, eabi4757.	4.7	6
2	Fluorescent Silica Nanoparticles to Label Metastatic Tumor Cells in Mineralized Bone Microenvironments. <i>Small</i> , 2021, 17, e2001432.	5.2	14
3	Breast cancer-secreted factors perturb murine bone growth in regions prone to metastasis. <i>Science Advances</i> , 2021, 7, .	4.7	29
4	Supported Membrane Platform to Assess Surface Interactions between Extracellular Vesicles and Stromal Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3945-3956.	2.6	3
5	Direct comparison of optical and electron microscopy methods for structural characterization of extracellular vesicles. <i>Journal of Structural Biology</i> , 2020, 210, 107474.	1.3	64
6	Hydroxyapatite mineral enhances malignant potential in a tissue-engineered model of ductal carcinoma in situ (DCIS). <i>Biomaterials</i> , 2019, 224, 119489.	5.7	21
7	Mapping and Profiling Lipid Distribution in a 3D Model of Breast Cancer Progression. <i>ACS Central Science</i> , 2019, 5, 768-780.	5.3	40
8	Tissue-Engineered Models for Studies of Bone Metastasis. <i>Cancer Drug Discovery and Development</i> , 2018, , 95-116.	0.2	0
9	Studying biomineralization pathways in a 3D culture model of breast cancer microcalcifications. <i>Biomaterials</i> , 2018, 179, 71-82.	5.7	22
10	Revealing Mechanisms of Microvesicle Biogenesis in Breast Cancer Cells via in situ Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 1256-1257.	0.2	1
11	Breast cancer-derived extracellular vesicles stimulate myofibroblast differentiation and pro-angiogenic behavior of adipose stem cells. <i>Matrix Biology</i> , 2017, 60-61, 190-205.	1.5	50
12	Multiscale characterization of the mineral phase at skeletal sites of breast cancer metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10542-10547.	3.3	55
13	Three-Dimensional Mechanical Loading Modulates the Osteogenic Response of Mesenchymal Stem Cells to Tumor-Derived Soluble Signals. <i>Tissue Engineering - Part A</i> , 2016, 22, 1006-1015.	1.6	32