

Kelsey M Gray

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

393
citations

933447

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h-index

1199594

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13
all docs

13
docs citations

13
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhinovirus C replication is associated with the endoplasmic reticulum and triggers cytopathic effects in an in vitro model of human airway epithelium. PLoS Pathogens, 2022, 18, e1010159.	4.7	8
2	Morphological Phenotyping of Organotropic Brain- and Bone-Seeking Triple Negative Metastatic Breast Tumor Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 790410.	3.7	2
3	Photodynamic Priming Modulates Endothelial Cell-Cell Junction Phenotype for Light-activated Remote Control of Drug Delivery. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 27, 1-1.	2.9	23
4	Mediated Electrochemistry to Mimic Biology's Oxidative Assembly of Functional Matrices. Advanced Functional Materials, 2020, 30, 2001776.	14.9	17
5	Quantitatively relating brain endothelial cell-cell junction phenotype to global and local barrier properties under varied culture conditions via the Junction Analyzer Program. Fluids and Barriers of the CNS, 2020, 17, 16.	5.0	15
6	Tumor Cell Mechanosensing During Incorporation into the Brain Microvascular Endothelium. Cellular and Molecular Bioengineering, 2019, 12, 455-480.	2.1	13
7	Mechanical Characterization of 3D Ovarian Cancer Nodules Using Brillouin Confocal Microscopy. Cellular and Molecular Bioengineering, 2019, 12, 215-226.	2.1	27
8	Quantitative Phenotyping of Cell-Cell Junctions to Evaluate ZO-1 Presentation in Brain Endothelial Cells. Annals of Biomedical Engineering, 2019, 47, 1675-1687.	2.5	22
9	Vascular endothelial cell mechanosensing: New insights gained from biomimetic microfluidic models. Seminars in Cell and Developmental Biology, 2017, 71, 106-117.	5.0	83
10	Electrodeposition of a weak polyelectrolyte hydrogel: remarkable effects of salt on kinetics, structure and properties. Soft Matter, 2013, 9, 2703.	2.7	59
11	Electrodeposition of a Biopolymeric Hydrogel: Potential for One-Step Protein Electroaddressing. Biomacromolecules, 2012, 13, 1181-1189.	5.4	82
12	Characterization of the cathodic electrodeposition of semicrystalline chitosan hydrogel. Materials Letters, 2012, 87, 97-100.	2.6	41