

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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1199594

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g-index

13
all docs

13
docs citations

13
times ranked

568
citing authors

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