

Kaustabh Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,214
citations

1039406

9
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

2024
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell adaptation to a physiologically relevant ECM mimic with different viscoelastic properties. <i>Biomaterials</i> , 2007, 28, 671-679.	5.7	331
2	Micromechanical control of cell and tissue development: Implications for tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1306-1318.	6.6	192
3	Tumor-derived endothelial cells exhibit aberrant Rho-mediated mechanosensing and abnormal angiogenesis <i>in vitro</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11305-11310.	3.3	182
4	Fibronectin Functional Domains Coupled to Hyaluronan Stimulate Adult Human Dermal Fibroblast Responses Critical for Wound Healing. <i>Tissue Engineering</i> , 2006, 12, 601-613.	4.9	174
5	Rheological Characterization of in Situ Cross-Linkable Hyaluronan Hydrogels. <i>Biomacromolecules</i> , 2005, 6, 2857-2865.	2.6	168
6	Basement membrane stiffening promotes retinal endothelial activation associated with diabetes. <i>FASEB Journal</i> , 2016, 30, 601-611.	0.2	48
7	Senescence Increases Choroidal Endothelial Stiffness and Susceptibility to Complement Injury: Implications for Choriocapillaris Loss in AMD. , 2016, 57, 5910.		41
8	Matrix stiffness exerts biphasic control over monocyte-endothelial adhesion via Rho-mediated ICAM-1 clustering. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 869-878.	0.6	28
9	Cathepsin D: an M μ -derived factor mediating increased endothelial cell permeability with implications for alteration of the blood-retinal barrier in diabetic retinopathy. <i>FASEB Journal</i> , 2016, 30, 1670-1682.	0.2	21
10	Deformation Gradients Imprint the Direction and Speed of En Masse Fibroblast Migration for Fast Healing. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2471-2479.	0.3	9
11	Nanoliposomal Nitroglycerin Exerts Potent Anti-Inflammatory Effects. <i>Scientific Reports</i> , 2015, 5, 16258.	1.6	6
12	Peptide redesign for inhibition of the complement system: Targeting age-related macular degeneration. <i>Molecular Vision</i> , 2016, 22, 1280-1290.	1.1	6
13	Increased cell stiffness contributes to complement-mediated injury of choroidal endothelial cells in a monkey model of early age-related macular degeneration. <i>Journal of Pathology</i> , 2022, 257, 314-326.	2.1	6
14	Mouse Retinal Whole Mounts and Quantification of Vasculature Protocol. <i>Bio-protocol</i> , 2015, 5, .	0.2	2