

Jinrong Hu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

160
citations

1163117
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9
all docs

9
docs citations

9
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical stress regulates mammalian tooth replacement via the integrin β 1- α 2 β 1 Wnt pathway. EMBO Journal, 2020, 39, e102374.	7.8	25
2	Global mapping of live cell mechanical features using PeakForce QNM AFM. Biophysics Reports, 2020, 6, 9-18.	0.8	25
3	Flow dynamics analyses of pathophysiological liver lobules using porous media theory. Acta Mechanica Sinica/Lixue Xuebao, 2017, 33, 823-832.	3.4	24
4	A crosstalk between auxin and brassinosteroid regulates leaf shape by modulating growth anisotropy. Molecular Plant, 2021, 14, 949-962.	8.3	23
5	Neutrophil adhesion and crawling dynamics on liver sinusoidal endothelial cells under shear flow. Experimental Cell Research, 2017, 351, 91-99.	2.6	16
6	Characterizing liver sinusoidal endothelial cell fenestrae on soft substrates upon AFM imaging and deep learning. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129702.	2.4	16
7	Mechanical Point Loading Induces Cortex Stiffening and Actin Reorganization. Biophysical Journal, 2019, 117, 1405-1418.	0.5	11
8	Flow field analyses of a porous membrane-separated, double-layered microfluidic chip for cell co-culture. Acta Mechanica Sinica/Lixue Xuebao, 2020, 36, 754-767.	3.4	11
9	Epidermal restriction confers robustness to organ shapes. Journal of Integrative Plant Biology, 2020, 62, 1853-1867.	8.5	9