

Abdul N Malmi-Kakkada

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

211
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion strength between cells regulate nonmonotonic growth by a biomechanical feedback mechanism. <i>Biophysical Journal</i> , 2022, 121, 3719-3729.	0.5	11
2	Mechanical heterogeneity along single cell-cell junctions is driven by lateral clustering of cadherins during vertebrate axis elongation. <i>ELife</i> , 2021, 10, .	6.0	34
3	Interparticle Adhesion Regulates the Surface Roughness of Growing Dense Three-Dimensional Active Particle Aggregates. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10445-10451.	2.6	11
4	Spatially heterogeneous dynamics of cells in a growing tumor spheroid: comparison between theory and experiments. <i>Soft Matter</i> , 2020, 16, 5294-5304.	2.7	38
5	Cell Growth Rate Dictates the Onset of Glass to Fluidlike Transition and Long Time Superdiffusion in an Evolving Cell Colony. <i>Physical Review X</i> , 2018, 8, .	8.9	33
6	Superfluid field response to edge dislocation motion. <i>Physical Review B</i> , 2017, 95, .	3.2	1
7	Physical Signatures of Cancer Metastasis. , 2017, , .		0
8	Dislocation Mobility and Anomalous Shear Modulus Effect in ^4He Crystals. <i>Journal of Low Temperature Physics</i> , 2017, 186, 259-274.	1.4	1
9	Ising model on a random network with annealed or quenched disorder. <i>Physical Review B</i> , 2014, 90, .	3.2	12
10	Angular dependence of superconductivity in superconductor/spin-valve heterostructures. <i>Physical Review B</i> , 2014, 89, .	3.2	59
11	Hydrodynamics of compressible superfluids in confined geometries. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 055301.	1.5	1