

Hawa Racine Thiam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3535537/publications.pdf>

Version: 2024-02-01

12
papers

2,139
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3352
citing authors

#	ARTICLE	IF	CITATIONS
1	ESCRT III repairs nuclear envelope ruptures during cell migration to limit DNA damage and cell death. <i>Science</i> , 2016, 352, 359-362.	12.6	738
2	Actin Flows Mediate a Universal Coupling between Cell Speed and Cell Persistence. <i>Cell</i> , 2015, 161, 374-386.	28.9	369
3	Perinuclear Arp2/3-driven actin polymerization enables nuclear deformation to facilitate cell migration through complex environments. <i>Nature Communications</i> , 2016, 7, 10997.	12.8	282
4	NETosis proceeds by cytoskeleton and endomembrane disassembly and PAD4-mediated chromatin decondensation and nuclear envelope rupture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7326-7337.	7.1	219
5	Cellular Mechanisms of NETosis. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 191-218.	9.4	216
6	Innate control of actin nucleation determines two distinct migration behaviours in dendritic cells. <i>Nature Cell Biology</i> , 2016, 18, 43-53.	10.3	184
7	Study of dendritic cell migration using micro-fabrication. <i>Journal of Immunological Methods</i> , 2016, 432, 30-34.	1.4	26
8	A computational mechanics approach to assess the link between cell morphology and forces during confined migration. <i>Biomechanics and Modeling in Mechanobiology</i> , 2015, 14, 143-157.	2.8	23
9	Leukocyte Migration and Deformation in Collagen Gels and Microfabricated Constrictions. <i>Methods in Molecular Biology</i> , 2018, 1749, 361-373.	0.9	18
10	Calculation of the force field required for nucleus deformation during cell migration through constrictions. <i>PLoS Computational Biology</i> , 2021, 17, e1008592.	3.2	9
11	A mechanical model to investigate the role of the nucleus during confined cell migration. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2015, 18, 1868-1869.	1.6	8
12	Reply to Liu: The disassembly of the actin cytoskeleton is an early event during NETosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22655-22656.	7.1	2