

Julie Plastino

List of Publications by Year in descending order

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14
papers

1,603
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

2330
citing authors

#	ARTICLE	IF	CITATIONS
1	Actin Dynamics, Architecture, and Mechanics in Cell Motility. <i>Physiological Reviews</i> , 2014, 94, 235-263.	28.8	1,109
2	Stress release drives symmetry breaking for actin-based movement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7847-7852.	7.1	125
3	Actin polymerization or myosin contraction: two ways to build up cortical tension for symmetry breaking. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130005.	4.0	73
4	Actin dynamics drive cell-like membrane deformation. <i>Nature Physics</i> , 2019, 15, 602-609.	16.7	73
5	WAVE binds Ena/VASP for enhanced Arp2/3 complex-based actin assembly. <i>Molecular Biology of the Cell</i> , 2015, 26, 55-65.	2.1	58
6	Actin Filaments Align into Hollow Comets for Rapid VASP-Mediated Propulsion. <i>Current Biology</i> , 2004, 14, 1766-1771.	3.9	41
7	Nesprin-2 accumulates at the front of the nucleus during confined cell migration. <i>EMBO Reports</i> , 2020, 21, e49910.	4.5	39
8	Dynamic stability of the actin ecosystem. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	28
9	Multiple actin binding domains of Ena/VASP proteins determine actin network stiffening. <i>European Biophysics Journal</i> , 2012, 41, 979-990.	2.2	18
10	Actin filaments up against a wall. <i>Nature</i> , 2010, 464, 365-366.	27.8	17
11	Reconstituting the actin cytoskeleton at or near surfaces in vitro. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3006-3014.	4.1	14
12	Roles of Actin in the Morphogenesis of the Early <i>Caenorhabditis elegans</i> Embryo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3652.	4.1	5
13	Asymmetry is defined during meiosis in the oocyte of the parthenogenetic nematode <i>Diploscapter pachys</i> . <i>Developmental Biology</i> , 2022, 483, 13-21.	2.0	1
14	Capping protein is dispensable for polarized actin network growth and actin-based motility. <i>Journal of Biological Chemistry</i> , 2020, 295, 15366-15375.	3.4	0