

John H Henson

List of Publications by Year in descending order

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24
papers

747
citations

687363

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677142

22
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26
all docs

26
docs citations

26
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Components of Actin-based Retrograde Flow in Sea Urchin Coelomocytes. <i>Molecular Biology of the Cell</i> , 1999, 10, 4075-4090.	2.1	116
2	The ultrastructural organization of actin and myosin II filaments in the contractile ring: new support for an old model of cytokinesis. <i>Molecular Biology of the Cell</i> , 2017, 28, 613-623.	2.1	104
3	Relationships between the actin cytoskeleton and cell volume regulation. , 1999, 47, 155-162.		68
4	Filamentous actin organization in the unfertilized sea urchin egg cortex. <i>Developmental Biology</i> , 1988, 127, 338-348.	2.0	59
5	Arp2/3 complex inhibition radically alters lamellipodial actin architecture, suspended cell shape, and the cell spreading process. <i>Molecular Biology of the Cell</i> , 2015, 26, 887-900.	2.1	56
6	The heterotrimeric motor protein kinesin-II localizes to the midpiece and flagellum of sea urchin and sand dollar sperm. , 1997, 38, 29-37.		44
7	Confocal microscopic observation of cytoskeletal reorganizations in cultured shark rectal gland cells following treatment with hypotonic shock and high external K+. <i>The Journal of Experimental Zoology</i> , 1997, 279, 415-424.	1.4	37
8	Cdc42 controls primary mesenchyme cell morphogenesis in the sea urchin embryo. <i>Developmental Biology</i> , 2018, 437, 140-151.	2.0	37
9	Wound Closure in the Lamellipodia of Single Cells: Mediation by Actin Polymerization in the Absence of an Actomyosin Purse String. <i>Molecular Biology of the Cell</i> , 2002, 13, 1001-1014.	2.1	31
10	Actin-based centripetal flow: Phosphatase inhibition by calyculin-A alters flow pattern, actin organization, and actomyosin distribution. <i>Cytoskeleton</i> , 2003, 56, 252-266.	4.4	30
11	Methods for collection, handling, and analysis of sea urchin coelomocytes. <i>Methods in Cell Biology</i> , 2019, 150, 357-389.	1.1	29
12	ATP-dependent GSH and glutathione <i>S</i> -conjugate transport in skate liver: role of an Mrp functional homologue. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G417-G425.	3.4	25
13	Bile salt excretion in skate liver is mediated by a functional analog of Bsep/Spgp, the bile salt export pump. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, G57-G63.	3.4	24
14	Cytoskeletal polarization and cytokinetic signaling drives polar lobe formation in spiralian embryos. <i>Developmental Biology</i> , 2019, 456, 201-211.	2.0	22
15	Cytoskeletal organization in clusters of isolated polarized skate hepatocytes: Structural and functional evidence for microtubule-dependent transcytosis. <i>The Journal of Experimental Zoology</i> , 1995, 271, 273-284.	1.4	17
16	Rac and Arp2/3-Nucleated Actin Networks Antagonize Rho During Mitotic and Meiotic Cleavages. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591141.	3.7	11
17	The nanoscale organization of the Wnt signaling integrator Dishevelled in the vegetal cortex domain of an egg and early embryo. <i>PLoS ONE</i> , 2021, 16, e0248197.	2.5	9
18	Bipolar, anastral spindle development in artificially activated sea urchin eggs. <i>Developmental Dynamics</i> , 2008, 237, 1348-1358.	1.8	8

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19	Structure and dynamics of an Arp2/3 complexâ€independent component of the lamellipodial actin network. Cytoskeleton, 2009, 66, 679-692.	4.4	5
20	Broadening the spectrum of actinâ€based protrusive activity mediated by Arp2/3 complexâ€facilitated polymerization: Motility of cytoplasmic ridges and tubular projections. Cytoskeleton, 2014, 71, 484-500.	2.0	5
21	Building the cytokinetic contractile ring in an early embryo: Initiation as clusters of myosin II, anillin and septin, and visualization of a septin filament network. PLoS ONE, 2021, 16, e0252845.	2.5	4
22	Central Spindle Self-Organization and Cytokinesis in Artificially Activated Sea Urchin Eggs. Biological Bulletin, 2016, 230, 85-95.	1.8	3
23	Confocal microscopic observation of cytoskeletal reorganizations in cultured shark rectal gland cells following treatment with hypotonic shock and high external K. The Journal of Experimental Zoology, 1997, 279, 415-424.	1.4	1
24	The heterotrimeric motor protein kinesinâ€H localizes to the midpiece and flagellum of sea urchin and sand dollar sperm. Cytoskeleton, 1997, 38, 29-37.	4.4	1