John Heuser

List of Publications by Year in descending order

36 papers	8,977 citations	159585 30 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	10215 citing authors

#	Article	IF	Citations
1	Role of the clathrin adaptor PICALM in normal hematopoiesis and polycythemia vera pathophysiology. Haematologica, 2015, 100, 439-451.	3.5	35
2	Preservation of the Structure of Enzymatically-Degraded Bovine Vitreous Using Synthetic Proteoglycan Mimics. Investigative Ophthalmology and Visual Science, 2014, 55, 8153-8162.	3.3	14
3	Escherichia coli Biofilms Have an Organized and Complex Extracellular Matrix Structure. MBio, 2013, 4, e00645-13.	4.1	198
4	Reduction of Streptolysin O (SLO) Pore-Forming Activity Enhances Inflammasome Activation. Toxins, 2013, 5, 1105-1118.	3.4	44
5	Contribution of Autolysin and Sortase A during Enterococcus faecalis DNA-Dependent Biofilm Development. Infection and Immunity, 2009, 77, 3626-3638.	2.2	147
6	Molecular Anatomy of a Trafficking Organelle. Cell, 2006, 127, 831-846.	28.9	1,985
7	Evidence for recycling of contractile vacuole membrane during osmoregulation in Dictyostelium amoebae â€“ A tribute to GÃ¼nther Gerisch. European Journal of Cell Biology, 2006, 85, 859-871.	3.6	34
8	Morphological and Functional Studies of Ultra Long Von Willebrand Factor (ULVWF) Anchored on Endothelial Surface.. Blood, 2006, 108, 1784-1784.	1.4	0
9	Deep-etch EM reveals that the early poxvirus envelope is a single membrane bilayer stabilized by a geodetic â€œhoneycombâ€•surface coat. Journal of Cell Biology, 2005, 169, 269-283.	5.2	97
10	Dynamic Actin Patterns and Arp2/3 Assembly at the Substrate-Attached Surface of Motile Cells. Current Biology, 2004, 14, 1-10.	3.9	256
11	Intracellular Bacterial Biofilm-Like Pods in Urinary Tract Infections. Science, 2003, 301, 105-107.	12.6	976
12	Mycobacterium marinum Escapes from Phagosomes and Is Propelled by Actin-based Motility. Journal of Experimental Medicine, 2003, 198, 1361-1368.	8.5	262
13	Targeted Chemical Disruption of Clathrin Function in Living Cells. Molecular Biology of the Cell, 2003, 14, 4437-4447.	2.1	60
14	RETROSPECTIVE:. Science, 2003, 300, 1248-1248.	12.6	6
15	Role of Escherichia coli Curli Operons in Directing Amyloid Fiber Formation. Science, 2002, 295, 851-855.	12.6	1,127
16	Whatever happened to the â€˜microtrabecular conceptâ€™?. Biology of the Cell, 2002, 94, 561-596.	2.0	40
17	Endosome Fusion and Microtubule-Based Dynamics in the Early Endocytic Pathway ofDictyostelium. Traffic, 2002, 3, 791-800.	2.7	33
18	Mitochondrial membrane dynamics are altered in cluA- mutants of Dictyostelium. Journal of Muscle Research and Cell Motility, 2002, 23, 829-838.	2.0	36

#	Article	IF	Citations
19	Dynamics of the vacuolar H+-ATPase in the contractile vacuole complex and the endosomal pathway ofDictyosteliumcells. Journal of Cell Science, 2002, 115, 2893-2905.	2.0	116
20	Dynamics of the vacuolar H(+)-ATPase in the contractile vacuole complex and the endosomal pathway of Dictyostelium cells. Journal of Cell Science, 2002, 115, 2893-905.	2.0	105
21	The actin-binding protein Hip1R associates with clathrin during early stages of endocytosis and promotes clathrin assembly in vitro. Journal of Cell Biology, 2001, 154, 1209-1224.	5.2	231
22	Coatomer Vesicles are not Required for Inhibition of Golgi Transport by G-Protein Activators. Traffic, 2000, 1, 342-353.	2.7	11
23	The Production of â€˜Cell Corticesâ€™ for Light and Electron Microscopy. Traffic, 2000, 1, 545-552.	2.7	150
24	How to Convert a Traditional Electron Microscopy Laboratory to Digital Imaging: Follow the â€˜Middle Roadâ€™. Traffic, 2000, 1, 614-621.	2.7	11
25	Structure of the Î³-tubulin ring complex: a template for microtubule nucleation. Nature Cell Biology, 2000, 2, 365-370.	10.3	264
26	Time-Lapse Video Microscopy of Gliding Motility inToxoplasma gondiiReveals a Novel, Biphasic Mechanism of Cell Locomotion. Molecular Biology of the Cell, 1999, 10, 3539-3547.	2.1	179
27	Periplasmic chaperone recognition motif of subunits mediates quaternary interactions in the pilus. EMBO Journal, 1998, 17, 6155-6167.	7.8	87
28	Subunit Composition, Protein Interactions, and Structures of the Mammalian Brain sec6/8 Complex and Septin Filaments. Neuron, 1998, 20, 1111-1122.	8.1	322
29	Katanin, a Microtubule-Severing Protein, Is a Novel AAA ATPase that Targets to the Centrosome Using a WD40-Containing Subunit. Cell, 1998, 93, 277-287.	28.9	326
30	Induction and Evasion of Host Defenses by Type 1-Piliated Uropathogenic Escherichia coli. , 1998, 282, 1494-1497.		857
31	Folding and trimerization of clathrin subunits at the triskelion hub. Cell, 1992, 68, 899-910.	28.9	152
32	P pili in uropathogenic E. coli are composite fibres with distinct fibrillar adhesive tips. Nature, 1992, 356, 252-255.	27.8	337
33	Three-Dimensional Organization of Extracellular Matrix in Elastic Cartilage as Viewed by Quick Freeze, Deep Etch Electron Microscopy. Connective Tissue Research, 1990, 24, 83-93.	2.3	55
34	Protocol for 3-D visualization of molecules on mica via the quick-freeze, deep-etch technique. Journal of Electron Microscopy Technique, 1989, 13, 244-263.	1.1	98
35	Identification of globular mechanochemical heads of kinesin. Nature, 1989, 338, 355-357.	27.8	226
36	chapter 6 Preparing Biological Samples for Stereomicroscopy by the Quick-Freeze, Deep-Etch, Rotary-Replication Technique. Methods in Cell Biology, 1981, 22, 97-122.	1.1	100