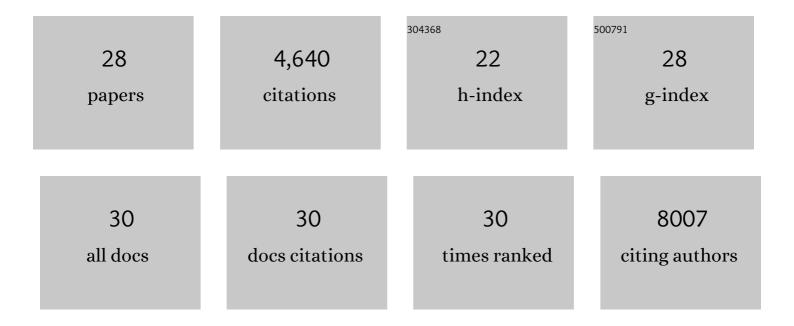
John M Heddleston

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6840345/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Quantifying Molecular Dynamics within Complex Cellular Morphologies using LLSMâ€FRAP. Small Methods, 2022, 6, e2200149.	4.6	4
2	A guide to accurate reporting in digital image acquisition – can anyone replicate your microscopy data?. Journal of Cell Science, 2021, 134, .	1.2	35
3	Actin cables and comet tails organize mitochondrial networks in mitosis. Nature, 2021, 591, 659-664.	13.7	92
4	Endothelial junctional membrane protrusions serve as hotspots for neutrophil transmigration. ELife, 2021, 10, .	2.8	20
5	Visualizing the Invisible: Advanced Optical Microscopy as a Tool to Measure Biomechanical Forces. Frontiers in Cell and Developmental Biology, 2021, 9, 706126.	1.8	6
6	The level of oncogenic Ras determines the malignant transformation of Lkb1 mutant tissue in vivo. Communications Biology, 2021, 4, 142.	2.0	5
7	Frontline Science: Dynamic cellular and subcellular features of migrating leukocytes revealed by in vivo lattice lightsheet microscopy. Journal of Leukocyte Biology, 2020, 108, 455-468.	1.5	34
8	FMNL2 regulates dynamics of fascin in filopodia. Journal of Cell Biology, 2020, 219, .	2.3	30
9	Software for lattice light-sheet imaging of FRET biosensors, illustrated with a new Rap1 biosensor. Journal of Cell Biology, 2019, 218, 3153-3160.	2.3	32
10	Interfacial actin protrusions mechanically enhance killing by cytotoxic T cells. Science Immunology, 2019, 4, .	5.6	93
11	Membrane-cytoskeletal crosstalk mediated by myosin-I regulates adhesion turnover during phagocytosis. Nature Communications, 2019, 10, 1249.	5.8	64
12	Histone H3K27 acetylation precedes active transcription during zebrafish zygotic genome activation as revealed by live-cell analysis. Development (Cambridge), 2019, 146, .	1.2	81
13	BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. Science, 2018, 359, .	6.0	581
14	Macropinosome formation by tent pole ruffling in macrophages. Journal of Cell Biology, 2018, 217, 3873-3885.	2.3	90
15	Cytoskeletal actin dynamics shape a ramifying actin network underpinning immunological synapse formation. Science Advances, 2017, 3, e1603032.	4.7	143
16	A Moving Source of Matrix Components Is Essential for De Novo Basement Membrane Formation. Current Biology, 2017, 27, 3526-3534.e4.	1.8	94
17	Developmentally programmed germ cell remodelling by endodermal cell cannibalism. Nature Cell Biology, 2016, 18, 1302-1310.	4.6	56
18	High-resolution live imaging reveals axon-glia interactions during peripheral nerve injury and repair in zebrafish. DMM Disease Models and Mechanisms, 2015, 8, 553-564	1.2	41

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#	Article	IF	CITATIONS
19	High-speed coherent Raman fingerprint imaging of biological tissues. Nature Photonics, 2014, 8, 627-634.	15.6	358
20	Multicomponent Chemical Imaging of Pharmaceutical Solid Dosage Forms with Broadband CARS Microscopy. Analytical Chemistry, 2013, 85, 8102-8111.	3.2	59
21	Deadly Teamwork: Neural Cancer Stem Cells and the Tumor Microenvironment. Cell Stem Cell, 2011, 8, 482-485.	5.2	218
22	HIF Induces Human Embryonic Stem Cell Markers in Cancer Cells. Cancer Research, 2011, 71, 4640-4652.	0.4	473
23	Glioma Stem Cell Maintenance: The Role of the Microenvironment. Current Pharmaceutical Design, 2011, 17, 2386-2401.	0.9	76
24	Nonreceptor Tyrosine Kinase BMX Maintains Self-Renewal and Tumorigenic Potential of Glioblastoma Stem Cells by Activating STAT3. Cancer Cell, 2011, 19, 498-511.	7.7	233
25	Targeting A20 Decreases Glioma Stem Cell Survival and Tumor Growth. PLoS Biology, 2010, 8, e1000319.	2.6	117
26	Integrin Alpha 6 Regulates Glioblastoma Stem Cells. Cell Stem Cell, 2010, 6, 421-432.	5.2	597
27	The hypoxic microenvironment maintains glioblastoma stem cells and promotes reprogramming towards a cancer stem cell phenotype. Cell Cycle, 2009, 8, 3274-3284.	1.3	708
28	Targeting Interleukin 6 Signaling Suppresses Glioma Stem Cell Survival and Tumor Growth. Stem Cells, 2009, 27, 2393-2404.	1.4	300