

# Harriet P Lo

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,460  
citations

394286

19  
h-index

501076

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2120  
citing authors

#	ARTICLE	IF	CITATIONS
1	MURC/Cavin-4 and cavin family members form tissue-specific caveolar complexes. <i>Journal of Cell Biology</i> , 2009, 185, 1259-1273.	2.3	243
2	The caveolin-cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. <i>Journal of Cell Biology</i> , 2015, 210, 833-849.	2.3	133
3	A Single Method for Cryofixation and Correlative Light, Electron Microscopy and Tomography of Zebrafish Embryos. <i>Traffic</i> , 2009, 10, 131-136.	1.3	131
4	Endocytic Crosstalk: Cavins, Caveolins, and Caveolae Regulate Clathrin-Independent Endocytosis. <i>PLoS Biology</i> , 2014, 12, e1001832.	2.6	128
5	Limb-girdle muscular dystrophy: Diagnostic evaluation, frequency and clues to pathogenesis. <i>Neuromuscular Disorders</i> , 2008, 18, 34-44.	0.3	99
6	Single section Western blot. <i>Neurology</i> , 2003, 61, 93-97.	1.5	86
7	Caveolae Protect Notochord Cells against Catastrophic Mechanical Failure during Development. <i>Current Biology</i> , 2017, 27, 1968-1981.e7.	1.8	74
8	Aberrant dysferlin trafficking in cells lacking caveolin or expressing dystrophy mutants of caveolin-3. <i>Human Molecular Genetics</i> , 2006, 15, 129-142.	1.4	66
9	Expression of aquaporin 1B in human cardiac and skeletal muscle. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 36, 655-662.	0.9	63
10	Caveolin-1 Is Necessary for Hepatic Oxidative Lipid Metabolism: Evidence for Crosstalk between Caveolin-1 and Bile Acid Signaling. <i>Cell Reports</i> , 2013, 4, 238-247.	2.9	56
11	In vivo proteomic mapping through GFP-directed proximity-dependent biotin labelling in zebrafish. <i>ELife</i> , 2021, 10, .	2.8	39
12	Reduced Plasma Membrane Expression of Dysferlin Mutants Is Attributed to Accelerated Endocytosis via a Syntaxin-4-associated Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 28529-28539.	1.6	37
13	Muscular dystrophy associated with $\beta$ -dystroglycan deficiency in Sphynx and Devon Rex cats. <i>Neuromuscular Disorders</i> , 2008, 18, 942-952.	0.3	36
14	In vivo cell biological screening identifies an endocytic capture mechanism for T-tubule formation. <i>Nature Communications</i> , 2020, 11, 3711.	5.8	30
15	Dystrophinopathy carrier determination and detection of protein deficiencies in muscular dystrophy using lentiviral MyoD-forced myogenesis. <i>Neuromuscular Disorders</i> , 2007, 17, 276-284.	0.3	29
16	Mechanoprotection by skeletal muscle caveolae. <i>Bioarchitecture</i> , 2016, 6, 22-27.	1.5	29
17	Modular transient nanoclustering of activated $\beta$ 2-adrenergic receptors revealed by single-molecule tracking of conformation-specific nanobodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30476-30487.	3.3	29
18	Changes in skeletal muscle expression of AQP1 and AQP4 in dystrophinopathy and dysferlinopathy patients. <i>Acta Neuropathologica</i> , 2008, 116, 235-246.	3.9	27

#	ARTICLE	IF	CITATIONS
19	Examination of the Subsarcolemmal Tubular System of Mammalian Skeletal Muscle Fibers. <i>Biophysical Journal</i> , 2013, 104, L19-L21.	0.2	23
20	A variable undecad repeat domain in cavin1 regulates caveola formation and stability. <i>EMBO Reports</i> , 2018, 19, .	2.0	23
21	Mosaic caveolin-3 expression in acquired rippling muscle disease without evidence of myasthenia gravis or acetylcholine receptor autoantibodies. <i>Neuromuscular Disorders</i> , 2011, 21, 194-203.	0.3	16
22	Flexible and General Synthesis of Functionalized Phosphoisoprenoids for the Study of Prenylation in vivo and in vitro. <i>ChemBioChem</i> , 2012, 13, 674-683.	1.3	15
23	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	15
24	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. <i>ELife</i> , 2021, 10, .	2.8	11
25	High-Throughput Screening of Australian Marine Organism Extracts for Bioactive Molecules Affecting the Cellular Storage of Neutral Lipids. <i>PLoS ONE</i> , 2011, 6, e22868.	1.1	8
26	A plasmid library of full-length zebrafish rab proteins for <i>in vivo</i> cell biology. <i>Cellular Logistics</i> , 2017, 7, e1301151.	0.9	6
27	Rippling muscle disease. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 576-578.	0.8	4
28	MURC/cavin-4 Is Co-Expressed with Caveolin-3 in Rhabdomyosarcoma Tumors and Its Silencing Prevents Myogenic Differentiation in the Human Embryonal RD Cell Line. <i>PLoS ONE</i> , 2015, 10, e0130287.	1.1	2
29	Live Confocal Imaging of Zebrafish Notochord Cells Under Mechanical Stress In Vivo. <i>Methods in Molecular Biology</i> , 2020, 2169, 175-187.	0.4	1
30	The caveolin-cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. <i>Journal of Experimental Medicine</i> , 2015, 212, 212100IA80.	4.2	0