Michele Bastiani

List of Publications by Year
in descending order

21	2,601	516710 16	713466 21
papers	citations	h-index	g-index

25	25	25	3028
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Caveolin-1 and cavin1 act synergistically to generate a unique lipid environment in caveolae. Journal of Cell Biology, 2021, 220, .	5.2	37
2	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. ELife, 2021, 10, .	6.0	11
3	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. Journal of Cell Biology, 2021, 220, .	5.2	15
4	Modular transient nanoclustering of activated Î²2-adrenergic receptors revealed by single-molecule tracking of conformation-specific nanobodies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30476-30487.	7.1	29
5	Cell-free formation and interactome analysis of caveolae. Journal of Cell Biology, 2018, 217, 2141-2165.	5.2	48
6	A variable undecad repeat domain in cavin1 regulates caveola formation and stability. EMBO Reports, 2018, 19, .	4.5	23
7	Caveolin 1 restricts Group AStreptococcusinvasion of nonphagocytic host cells. Cellular Microbiology, 2017, 19, e12772.	2.1	11
8	An RPTPÎ±/Src family kinase/Rap1 signaling module recruits myosin IIB to support contractile tension at apical E-cadherin junctions. Molecular Biology of the Cell, 2015, 26, 1249-1262.	2.1	39
9	The caveolinâ€“cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. Journal of Cell Biology, 2015, 210, 833-849.	5.2	133
10	The caveolinâ€“cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. Journal of Experimental Medicine, 2015, 212, 21210OIA80.	8.5	0
11	Single-molecule analysis reveals self assembly and nanoscale segregation of two distinct cavin subcomplexes on caveolae. ELife, 2013, 3, e01434.	6.0	114
12	Phosphocaveolin-1 is a mechanotransducer that induces caveola biogenesis via Egr1 transcriptional regulation. Journal of Cell Biology, 2012, 199, 425-435.	5.2	86
13	Caveolin-1 Deficiency Leads to Increased Susceptibility to Cell Death and Fibrosis in White Adipose Tissue: Characterization of a Lipodystrophic Model. PLoS ONE, 2012, 7, e46242.	2.5	45
14	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. Cell, 2011, 144, 402-413.	28.9	791
15	PTRFâ€“cavin-1 expression decreases the migration of PC3 prostate cancer cells: Role of matrix metalloprotease 9. European Journal of Cell Biology, 2011, 90, 136-142.	3.6	69
16	Caveolae at a glance. Journal of Cell Science, 2010, 123, 3831-3836.	2.0	182
17	MURC/Cavin-4 and cavin family members form tissue-specific caveolar complexes. Journal of Cell Biology, 2009, 185, 1259-1273.	5.2	243
18	Vitamin A treatment induces apoptosis through an oxidantâ€dependent activation of the mitochondrial pathway. Cell Biology International, 2008, 32, 100-106.	3.0	25

#	Article	IF	Citations
19	PTRF-Cavin, a Conserved Cytoplasmic Protein Required for Caveola Formation and Function. Cell, 2008, 132, 113-124.	28.9	647
20	An avian pathogenic Escherichia coli isolate induces caspase 3/7 activation in J774 macrophages. FEMS Microbiology Letters, 2005, 253, 133-140.	1.8	22
21	Cattle tick Boophilus microplus salivary gland contains a thiol-activated metalloendopeptidase displaying kininase activity. Insect Biochemistry and Molecular Biology, 2002, 32, 1439-1446.	2.7	24