Vikas A Tillu

List of Publications by Year
in descending order

17	781	623734 14	888059 17
papers	citations	h-index	g-index

24	24	24	1055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cavin family proteins and the assembly of caveolae. Journal of Cell Science, 2015, 128, 1269-1278.	2.0	181
2	Caveolae. Current Biology, 2018, 28, R402-R405.	3.9	95
3	Mycobacterium tuberculosis acquires iron by cell-surface sequestration and internalization of human holo-transferrin. Nature Communications, 2014, 5, 4730.	12.8	87
4	Structural Insights into the Organization of the Cavin Membrane Coat Complex. Developmental Cell, 2014, 31, 405-419.	7.0	79
5	Identification of intracellular cavin target proteins reveals cavin-PP1alpha interactions regulate apoptosis. Nature Communications, 2019, 10, 3279.	12.8	53
6	Caveolin-1 and cavin1 act synergistically to generate a unique lipid environment in caveolae. Journal of Cell Biology, 2021, 220, .	5.2	37
7	Key phases in the formation of caveolae. Current Opinion in Cell Biology, 2021, 71, 7-14.	5.4	36
8	Secreted glyceraldehye-3-phosphate dehydrogenase is a multifunctional autocrine transferrin receptor for cellular iron acquisition. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3816-3827.	2.4	32
9	Moonlighting cell surface GAPDH recruits Apo Transferrin to effect iron egress from mammalian cells. Journal of Cell Science, 2014, 127, 4279-91.	2.0	29
10	Structural insights into the architecture and membrane interactions of the conserved COMMD proteins. ELife, 2018, 7, .	6.0	28
11	A phosphoinositide-binding cluster in cavin1 acts as a molecular sensor for cavin1 degradation. Molecular Biology of the Cell, 2015, 26, 3561-3569.	2.1	26
12	Cavin1 intrinsically disordered domains are essential for fuzzy electrostatic interactions and caveola formation. Nature Communications, 2021, 12, 931.	12.8	24
13	A variable undecad repeat domain in cavin1 regulates caveola formation and stability. EMBO Reports, 2018, 19, .	4.5	23
14	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. Journal of Cell Biology, 2021, 220, .	5.2	15
15	Membrane lipid composition differentially modulates the function of human plasma platelet activating factor-acetylhydrolase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 46-56.	2.4	14
16	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. ELife, 2021, 10, .	6.0	11
17	Closely related oxidized phospholipids differentially modulate the physicochemical properties of lipid particles. Chemistry and Physics of Lipids, 2011, 164, 54-61.	3.2	6