Vikas A Tillu

List of Publications by Year
in descending order

17	781	623574	887953
papers	citations	14 h-index	17 g-index

24	24	24	1055
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, .	2.3	37
2	Cavin1 intrinsically disordered domains are essential for fuzzy electrostatic interactions and caveola formation. Nature Communications, 2021, 12, 931.	5.8	24
3	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. ELife, 2021, 10, .	2.8	11
4	Key phases in the formation of caveolae. Current Opinion in Cell Biology, 2021, 71, 7-14.	2.6	36
5	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. Journal of Cell Biology, 2021, 220, .	2.3	15
6	Identification of intracellular cavin target proteins reveals cavin-PP1alpha interactions regulate apoptosis. Nature Communications, 2019, 10, 3279.	5.8	53
7	Caveolae. Current Biology, 2018, 28, R402-R405.	1.8	95
8	Structural insights into the architecture and membrane interactions of the conserved COMMD proteins. ELife, 2018, 7, .	2.8	28
9	A variable undecad repeat domain in cavin1 regulates caveola formation and stability. EMBO Reports, 2018, 19, .	2.0	23
10	Cavin family proteins and the assembly of caveolae. Journal of Cell Science, 2015, 128, 1269-1278.	1.2	181
11	A phosphoinositide-binding cluster in cavin1 acts as a molecular sensor for cavin1 degradation. Molecular Biology of the Cell, 2015, 26, 3561-3569.	0.9	26
12	Mycobacterium tuberculosis acquires iron by cell-surface sequestration and internalization of human holo-transferrin. Nature Communications, 2014, 5, 4730.	5.8	87
13	Structural Insights into the Organization of the Cavin Membrane Coat Complex. Developmental Cell, 2014, 31, 405-419.	3.1	79
14	Moonlighting cell surface GAPDH recruits Apo Transferrin to effect iron egress from mammalian cells. Journal of Cell Science, 2014, 127, 4279-91.	1.2	29
15	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.	1.1	32
16	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.	1.2	14
17	Closely related oxidized phospholipids differentially modulate the physicochemical properties of lipid particles. Chemistry and Physics of Lipids, 2011, 164, 54-61.	1.5	6