Anastasiia Sholokh

List of Publications by Year
in descending order

30 papers	1,928 citations	279487 23 h-index	454577 30 g-index
30 all docs	30 docs citations	30 times ranked	1937 citing authors

#	Article	IF	Citations
1	Protein Kinase A Anchoring Proteins Are Required for Vasopressin-mediated Translocation of Aquaporin-2 into Cell Membranes of Renal Principal Cells. Journal of Biological Chemistry, 1999, 274, 4934-4938.	1.6	153
2	An Inhibitory Role of Rho in the Vasopressin-mediated Translocation of Aquaporin-2 into Cell Membranes of Renal Principal Cells. Journal of Biological Chemistry, 2001, 276, 20451-20457.	1.6	147
3	PDE3A mutations cause autosomal dominant hypertension with brachydactyly. Nature Genetics, 2015, 47, 647-653.	9.4	146
4	Mechanisms of Protein Kinase A Anchoring. International Review of Cell and Molecular Biology, 2010, 283, 235-330.	1.6	145
5	Compartmentalization of cAMP-Dependent Signaling by Phosphodiesterase-4D Is Involved in the Regulation of Vasopressin-Mediated Water Reabsorption in Renal Principal Cells. Journal of the American Society of Nephrology: JASN, 2007, 18, 199-212.	3.0	134
6	Identification of a Novel A-kinase Anchoring Protein 18 Isoform and Evidence for Its Role in the Vasopressin-induced Aquaporin-2 Shuttle in Renal Principal Cells. Journal of Biological Chemistry, 2004, 279, 26654-26665.	1.6	125
7	Rho inhibits cAMP-induced translocation of aquaporin-2 into the apical membrane of renal cells. American Journal of Physiology - Renal Physiology, 2001, 281, F1092-F1101.	1.3	109
8	Reciprocal Regulation of Aquaporin-2 Abundance and Degradation by Protein Kinase A and p38-MAP Kinase. Journal of the American Society of Nephrology: JASN, 2010, 21, 1645-1656.	3.0	101
9	Small Molecule AKAP-Protein Kinase A (PKA) Interaction Disruptors That Activate PKA Interfere with Compartmentalized cAMP Signaling in Cardiac Myocytes. Journal of Biological Chemistry, 2011, 286, 9079-9096.	1.6	92
10	Regulation of Sarcoplasmic Reticulum Ca2+ ATPase 2 (SERCA2) Activity by Phosphodiesterase 3A (PDE3A) in Human Myocardium. Journal of Biological Chemistry, 2015, 290, 6763-6776.	1.6	73
11	Actin remodeling requires ERM function to facilitate AQP2 apical targeting. Journal of Cell Science, 2005, 118, 3623-3630.	1.2	67
12	Pharmacological targeting of AKAP-directed compartmentalized cAMP signalling. Cellular Signalling, 2015, 27, 2474-2487.	1.7	64
13	Ht31: the first protein kinase A anchoring protein to integrate protein kinase A and Rho signaling1. FEBS Letters, 2001, 507, 264-268.	1.3	58
14	Compartmentalized cAMP signalling in regulated exocytic processes in non-neuronal cells. Cellular Signalling, 2008, 20, 590-601.	1.7	58
15	Small-molecule allosteric activators of PDE4 long form cyclic AMP phosphodiesterases. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13320-13329.	3.3	54
16	Spatial organisation of AKAP18 and PDE4 isoforms in renal collecting duct principal cells. European Journal of Cell Biology, 2006, 85, 673-678.	1.6	52
17	The Trafficking of the Water Channel Aquaporin-2 in Renal Principal Cellsâ€"a Potential Target for Pharmacological Intervention in Cardiovascular Diseases. Frontiers in Pharmacology, 2016, 7, 23.	1.6	49
18	Role and identification of protein kinase A anchoring proteins in vasopressin-mediated aquaporin-2 translocation. Kidney International, 2001, 60, 446-449.	2.6	44

#	Article	IF	Citations
19	Roles of A-Kinase Anchoring Proteins and Phosphodiesterases in the Cardiovascular System. Journal of Cardiovascular Development and Disease, 2018, 5, 14.	0.8	44
20	Clinical Effects of Phosphodiesterase 3A Mutations in Inherited Hypertension With Brachydactyly. Hypertension, 2015, 66, 800-808.	1.3	39
21	Phosphodiesterase 3A and Arterial Hypertension. Circulation, 2020, 142, 133-149.	1.6	35
22	Proteinâ€“protein interactions of PDE4 family members â€" Functions, interactions and therapeutic value. Cellular Signalling, 2016, 28, 713-718.	1.7	29
23	An AKAP-Lbc-RhoA interaction inhibitor promotes the translocation of aquaporin-2 to the plasma membrane of renal collecting duct principal cells. PLoS ONE, 2018, 13, e0191423.	1.1	28
24	Cyclin-Dependent Kinase 18 Controls Trafficking of Aquaporin-2 and Its Abundance through Ubiquitin Ligase STUB1, Which Functions as an AKAP. Cells, 2020, 9, 673.	1.8	19
25	Reconstitution of Î²-adrenergic regulation of Ca _V 1.2: Rad-dependent and Rad-independent protein kinase A mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
26	New aspects in cardiac L-type Ca2+ channel regulation. Biochemical Society Transactions, 2020, 48, 39-49.	1.6	13
27	Pharmacological Interference With Protein-protein Interactions of Akinase Anchoring Proteins as a Strategy for the Treatment of Disease. Current Drug Targets, 2016, 17, 1147-1171.	1.0	13
28	Local cyclic adenosine monophosphate signalling cascadesâ€"Roles and targets in chronic kidney disease. Acta Physiologica, 2021, 232, e13641.	1.8	10
29	Small molecules for modulating the localisation of the water channel aquaporin-2â€"disease relevance and perspectives for targeting local cAMP signalling. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 1049-1064.	1.4	7
30	The role of AKAP12 in coordination of VEGFâ€induced endothelial cell motility. Acta Physiologica, 2020, 228, e13359.	1.8	3