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List of Publications by Year
in descending order

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30 papers	890 citations	471477 17 h-index	642715 23 g-index
30 all docs	30 docs citations	30 times ranked	896 citing authors

#	Article	IF	Citations
1	Renal aquaporins and water balance disorders. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1533-1549.	2.4	119
2	Amiloride blocks lithium entry through the sodium channel thereby attenuating the resultant nephrogenic diabetes insipidus. Kidney International, 2009, 76, 44-53.	5.2	104
3	Intracellular activation of vasopressin V2 receptor mutants in nephrogenic diabetes insipidus by nonpeptide agonists. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12195-12200.	7.1	87
4	Phosphorylation Decreases Ubiquitylation of the Thiazide-sensitive Cotransporter NCC and Subsequent Clathrin-mediated Endocytosis. Journal of Biological Chemistry, 2014, 289, 13347-13361.	3.4	62
5	Vasopressin regulation of sodium transport in the distal nephron and collecting duct. American Journal of Physiology - Renal Physiology, 2015, 309, F280-F299.	2.7	54
6	CHIP Regulates Aquaporin-2 Quality Control and Body Water Homeostasis. Journal of the American Society of Nephrology: JASN, 2018, 29, 936-948.	6.1	49
7	In mpkCCD cells, long-term regulation of aquaporin-2 by vasopressin occurs independent of protein kinase A and CREB but may involve Epac. American Journal of Physiology - Renal Physiology, 2012, 302, F1395-F1401.	2.7	48
8	Acetazolamide Attenuates Lithiumâ€“Induced Nephrogenic Diabetes Insipidus. Journal of the American Society of Nephrology: JASN, 2016, 27, 2082-2091.	6.1	43
9	Lithium reduces aquaporin-2 transcription independent of prostaglandins. American Journal of Physiology - Cell Physiology, 2012, 302, C131-C140.	4.6	41
10	Hydrochlorothiazide attenuates lithium-induced nephrogenic diabetes insipidus independently of the sodium-chloride cotransporter. American Journal of Physiology - Renal Physiology, 2014, 306, F525-F533.	2.7	38
11	Counteracting vasopressin-mediated water reabsorption by ATP, dopamine, and phorbol esters: mechanisms of action. American Journal of Physiology - Renal Physiology, 2011, 300, F761-F771.	2.7	36
12	Effect of the cGMP pathway on AQP2 expression and translocation: potential implications for nephrogenic diabetes insipidus. Nephrology Dialysis Transplantation, 2010, 25, 48-54.	0.7	34
13	Genetic ablation of aquaporinâ€2 in the mouse connecting tubules results in defective renal water handling. Journal of Physiology, 2013, 591, 2205-2219.	2.9	33
14	NaCl cotransporter abundance in urinary vesicles is increased by calcineurin inhibitors and predicts thiazide sensitivity. PLoS ONE, 2017, 12, e0176220.	2.5	30
15	A Systems Level Analysis of Vasopressin-mediated Signaling Networks in Kidney Distal Convoluted Tubule Cells. Scientific Reports, 2015, 5, 12829.	3.3	21
16	Demeclocycline attenuates hyponatremia by reducing aquaporin-2 expression in the renal inner medulla. American Journal of Physiology - Renal Physiology, 2013, 305, F1705-F1718.	2.7	20
17	Hypotonicity-induced Reduction of Aquaporin-2 Transcription in mpkCCD Cells Is Independent of the Tonicity Responsive Element, Vasopressin, and cAMP. Journal of Biological Chemistry, 2011, 286, 13002-13010.	3.4	18
18	High dietary potassium causes ubiquitin-dependent degradation of the kidney sodium-chloride cotransporter. Journal of Biological Chemistry, 2021, 297, 100915.	3.4	18

#	Article	IF	Citations
19	Activation of the kidney sodium chloride cotransporter by the Î²2-adrenergic receptor agonist salbutamol increases blood pressure. Kidney International, 2021, 100, 321-335.	5.2	14
20	An in vivo protein landscape of the mouse DCT during high dietary K⁺ or low dietary Na⁺ intake. American Journal of Physiology - Renal Physiology, 2021, 320, F908-F921.	2.7	9
21	Lithium induces aerobic glycolysis and glutaminolysis in collecting duct principal cells. American Journal of Physiology - Renal Physiology, 2018, 314, F230-F239.	2.7	8
22	A Vasopressin-Induced Change in Prostaglandin Receptor Subtype Expression Explains the Differential Effect of PGE2 on AQP2 Expression. Frontiers in Physiology, 2021, 12, 787598.	2.8	2
23	CHIP regulates Aquaporinâ€2 Quality Control and Body Water Homeostasis. FASEB Journal, 2018, 32, 624.1.	0.5	1
24	Renal Aquaporins in Health and Disease. Physiology in Health and Disease, 2020, , 1187-1244.	0.3	1
25	Use of Genetic Models to Study the Urinary Concentrating Mechanism. , 2015, , 43-72.		0
26	Renal Aquaporins in Health and Disease. , 2016, , 803-854.		0
27	Genetic ablation of aquaporinâ€2 in the mouse connecting tubules results in defective renal water handling. FASEB Journal, 2013, 27, 1111.8.	0.5	0
28	Phosphorylation regulates clathrinâ€mediated endocytosis of the thiazideâ€sensitive cotransporter NCC (1181.12). FASEB Journal, 2014, 28, 1181.12.	0.5	0
29	Inhibition of Protein Phosphatase 1 prevents high potassium mediated downregulation of the thiazideâ€sensitive sodium chloride cotransporter NCC. FASEB Journal, 2019, 33, 751.8.	0.5	0
30	Stimulation of the Î²2 adrenergic receptor rapidly increases phosphorylation of the Na⁺â€Clcotransporter (NCC). FASEB Journal, 2020, 34, 1-1.	0.5	0