

Robert S Edinger

List of Publications by Year in descending order

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30
papers

1,372
citations

331670

21
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526287

27
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all docs

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docs citations

30
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute ENaC Stimulation by cAMP in a Kidney Cell Line is Mediated by Exocytic Insertion from a Recycling Channel Pool. <i>Journal of General Physiology</i> , 2005, 125, 81-101.	1.9	152
2	Epithelial Sodium Channel Inhibition by AMP-activated Protein Kinase in Oocytes and Polarized Renal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 17608-17616.	3.4	136
3	Regulation of the epithelial sodium channel by membrane trafficking. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F10-F24.	2.7	110
4	The Deubiquitinating Enzyme UCH-L3 Regulates the Apical Membrane Recycling of the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2007, 282, 37885-37893.	3.4	104
5	Clathrin-mediated Endocytosis of the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2006, 281, 14129-14135.	3.4	103
6	Non-coordinate Regulation of Endogenous Epithelial Sodium Channel (ENaC) Subunit Expression at the Apical Membrane of A6 Cells in Response to Various Transporting Conditions. <i>Journal of Biological Chemistry</i> , 2000, 275, 39886-39893.	3.4	102
7	Rab11b regulates the trafficking and recycling of the epithelial sodium channel (ENaC). <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F581-F590.	2.7	76
8	Regulation of the Amiloride-sensitive Epithelial Sodium Channel by Syntaxin 1A. <i>Journal of Biological Chemistry</i> , 1999, 274, 30345-30348.	3.4	69
9	The Epithelial Sodium Channel (ENaC) Traffics to Apical Membrane in Lipid Rafts in Mouse Cortical Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 37402-37411.	3.4	65
10	Carboxymethylation of the β Subunit of α ENaC Regulates Channel Activity. <i>Journal of Biological Chemistry</i> , 1998, 273, 28746-28751.	3.4	53
11	Regulation of Epithelial Na ⁺ Transport by Soluble Adenylyl Cyclase in Kidney Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 5774-5783.	3.4	47
12	Functional Regulation of the Epithelial Na ⁺ Channel by β Kinase- β Occurs via Phosphorylation of the Ubiquitin Ligase Nedd4-2. <i>Journal of Biological Chemistry</i> , 2009, 284, 150-157.	3.4	42
13	Aldosterone Regulates MicroRNAs in the Cortical Collecting Duct to Alter Sodium Transport. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2445-2457.	6.1	42
14	Ankyrin G Expression Regulates Apical Delivery of the Epithelial Sodium Channel (ENaC). <i>Journal of Biological Chemistry</i> , 2017, 292, 375-385.	3.4	34
15	Isoprenylcysteine-O-carboxyl Methyltransferase Regulates Aldosterone-sensitive Na ⁺ Reabsorption. <i>Journal of Biological Chemistry</i> , 1999, 274, 26912-26916.	3.4	29
16	The effect of rapamycin on single ENaC channel activity and phosphorylation in A6 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 279, C81-C88.	4.6	28
17	Phosphatidylinositol 4-Phosphate 5-Kinase Reduces Cell Surface Expression of the Epithelial Sodium Channel (ENaC) in Cultured Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 36534-36542.	3.4	27
18	Differential Current Decay Profiles of Epithelial Sodium Channel Subunit Combinations in Polarized Renal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 32071-32078.	3.4	25

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19	I κ B Kinase- β (IKK β) Modulation of Epithelial Sodium Channel Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 41985-41990.	3.4	23
20	A MicroRNA Cluster miR-23a-24a-27 Is Upregulated by Aldosterone in the Distal Kidney Nephron Where it Alters Sodium Transport. <i>Journal of Cellular Physiology</i> , 2017, 232, 1306-1317.	4.1	22
21	The Epithelial Sodium Channel (ENaC) Establishes a Trafficking Vesicle Pool Responsible for Its Regulation. <i>PLoS ONE</i> , 2012, 7, e46593.	2.5	22
22	Regulation of Epithelial Na ⁺ Channels (ENaC) by Methylation. <i>Journal of Biological Chemistry</i> , 2006, 281, 9110-9117.	3.4	19
23	Resveratrol Inhibits the Epithelial Sodium Channel via Phosphoinositides and AMP-Activated Protein Kinase in Kidney Collecting Duct Cells. <i>PLoS ONE</i> , 2013, 8, e78019.	2.5	15
24	Effect of altered Na ⁺ entry on expression of apical and basolateral transport proteins in A6 epithelia. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F524-F531.	2.7	11
25	Toward Understanding the Role of Methylation in Aldosterone-Sensitive Na ⁺ Transport. <i>Physiology</i> , 2000, 15, 161-165.	3.1	7
26	Effect of immunosuppressive agents on glucocorticoid receptor function in A6 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F254-F261.	2.7	6
27	PET Imaging of VLA-4 in a New BRAFV600E Mouse Model of Melanoma. <i>Molecular Imaging and Biology</i> , 2022, 24, 425-433.	2.6	3
28	Proteolytically cleaved ENaC modulates a vesicle recycling pool responsible for cAMP-stimulated channel insertion. <i>FASEB Journal</i> , 2006, 20, A794.	0.5	0
29	Biphasic ENaC regulation by IKK β in lung and kidney epithelial cells. <i>FASEB Journal</i> , 2011, 25, 1039.8.	0.5	0
30	Active ENaC channels are selectively recycled. <i>FASEB Journal</i> , 2013, 27, 911.10.	0.5	0