

Robert Rauh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6896195/robert-rauh-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	815 citations	16 h-index	25 g-index
25 ext. papers	904 ext. citations	4 avg, IF	3.34 L-index

#	Paper	IF	Citations
25	Influence of pneumoperitoneum and patient positioning on respiratory system compliance. <i>Journal of Clinical Anesthesia</i> , 2001 , 13, 361-5	1.9	100
24	Agreement of two different methods for measurement of heart rate variability. <i>Clinical Autonomic Research</i> , 2003 , 13, 99-102	4.3	92
23	Mutations in the amiloride-sensitive epithelial sodium channel in patients with cystic fibrosis-like disease. <i>Human Mutation</i> , 2009 , 30, 1093-103	4.7	75
22	A mutation of the epithelial sodium channel associated with atypical cystic fibrosis increases channel open probability and reduces Na ⁺ self inhibition. <i>Journal of Physiology</i> , 2010 , 588, 1211-25	3.9	65
21	The delta-subunit of the epithelial sodium channel (ENaC) enhances channel activity and alters proteolytic ENaC activation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 29024-40	5.4	54
20	Effects of olanzapine and clozapine upon pulse rate variability. <i>Depression and Anxiety</i> , 2002 , 16, 93-9	8.4	49
19	Cholesterol depletion of the plasma membrane prevents activation of the epithelial sodium channel (ENaC) by SGK1. <i>Cellular Physiology and Biochemistry</i> , 2009 , 24, 605-18	3.9	48
18	Influence of pneumoperitoneum and patient positioning on preload and splanchnic blood volume in laparoscopic surgery of the lower abdomen. <i>Journal of Clinical Anesthesia</i> , 2001 , 13, 244-9	1.9	47
17	Acute effects of caffeine on heart rate variability in habitual caffeine consumers. <i>Clinical Physiology and Functional Imaging</i> , 2006 , 26, 163-6	2.4	40
16	Plasmin and chymotrypsin have distinct preferences for channel activating cleavage sites in the β subunit of the human epithelial sodium channel. <i>Journal of General Physiology</i> , 2012 , 140, 375-89	3.4	39
15	(NDRG2) stimulates amiloride-sensitive Na ⁺ currents in <i>Xenopus laevis</i> oocytes and fisher rat thyroid cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 28264-73	5.4	29
14	Functional characterization of a partial loss-of-function mutation of the epithelial sodium channel (ENaC) associated with atypical cystic fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 145-58	3.9	25
13	Protein kinase B alpha (PKB) β stimulates the epithelial sodium channel (ENaC) heterologously expressed in <i>Xenopus laevis</i> oocytes by two distinct mechanisms. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 913-24	3.9	23
12	Stimulation of the epithelial sodium channel (ENaC) by the serum- and glucocorticoid-inducible kinase (Sgk) involves the PY motifs of the channel but is independent of sodium feedback inhibition. <i>Pflugers Archiv European Journal of Physiology</i> , 2006 , 452, 290-9	4.6	23
11	A mutation in the β subunit of ENaC identified in a patient with cystic fibrosis-like symptoms has a gain-of-function effect. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L43-55	5.8	21
10	Quantification of inspiratory-induced vasoconstrictive episodes: a comparison of laser Doppler fluxmetry and photoplethysmography. <i>Clinical Physiology and Functional Imaging</i> , 2003 , 23, 344-8	2.4	20
9	Anoctamin-4 is a bona fide Ca-dependent non-selective cation channel. <i>Scientific Reports</i> , 2019 , 9, 2257	4.9	12

8	ENaC is inhibited by CFTR but stimulated by cAMP in oocytes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L277-L287	5.8	11
7	The phosphorylation site T613 in the β subunit of rat epithelial Na channel (ENaC) modulates channel inhibition by Nedd4-2. <i>Pflügers Archiv European Journal of Physiology</i> , 2018 , 470, 649-660	4.6	10
6	An inhibitory peptide derived from the β subunit of the epithelial sodium channel (ENaC) shows a helical conformation. <i>Cellular Physiology and Biochemistry</i> , 2012 , 29, 761-74	3.9	8
5	Functional characterization of a novel CFTR mutation P67S identified in a patient with atypical cystic fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2007 , 19, 239-48	3.9	7
4	Do preceding vasoconstrictions influence the $\dot{V}_{\text{inspiratory}}$ gasp test? <i>Clinical Physiology and Functional Imaging</i> , 2002 , 22, 206-9	2.4	6
3	The effects of acetylic salicylic acid on heart rate variability in healthy subjects. <i>Clinical Autonomic Research</i> , 2007 , 17, 115-7	4.3	5
2	The effects of sildenafil on heart rate variability in healthy subjects. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 50, 598-600	3.1	4
1	Effects of syntaxins 2, 3, and 4 on rat and human epithelial sodium channel (ENaC) in <i>Xenopus laevis</i> oocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 2020 , 472, 461-471	4.6	2