

Lene N Nejsum

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,816
citations

411340

20
h-index

312153

41
g-index

53
all docs

53
docs citations

53
times ranked

2951
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquaporin-1 in breast cancer. <i>Apmis</i> , 2022, 130, 3-10.	0.9	11
2	EP ₁ receptor antagonism mitigates early and late stage renal fibrosis. <i>Acta Physiologica</i> , 2022, 234, e13780.	1.8	6
3	Acute pyelonephritis: Increased plasma membrane targeting of renal aquaporin-2. <i>Acta Physiologica</i> , 2022, 234, e13760.	1.8	7
4	Aquaporin-5 in breast cancer. <i>Apmis</i> , 2022, 130, 253-260.	0.9	9
5	Aquaporin-5 regulation of cell-cell adhesion proteins: an elusive story. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C282-C292.	2.1	19
6	Aquaporin water channels as regulators of cell-cell adhesion proteins. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C771-C777.	2.1	20
7	<i>Streptococcus agalactiae</i> do not penetrate human chorioamniotic membranes in vitro but alter their biomechanical properties. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2021, 100, 1814-1821.	1.3	0
8	Regulated exocytosis: renal aquaporin-2 3D vesicular network organization and association with F-actin. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C1060-C1069.	2.1	7
9	Aquaporins in pancreatic ductal adenocarcinoma. <i>Apmis</i> , 2021, 129, 700-705.	0.9	7
10	Exosomes co-expressing AQP5-targeting miRNAs and IL-4 receptor-binding peptide inhibit the migration of human breast cancer cells. <i>FASEB Journal</i> , 2020, 34, 3379-3398.	0.2	40
11	Specific and Non-Invasive Fluorescent Labelling of Extracellular Vesicles for Evaluation of Intracellular Processing by Intestinal Epithelial Cells. <i>Biomedicines</i> , 2020, 8, 211.	1.4	12
12	DNA flowerstructure co-localizes with human pathogens in infected macrophages. <i>Nucleic Acids Research</i> , 2020, 48, 6081-6091.	6.5	5
13	Infection and the role in cancer development. <i>Apmis</i> , 2020, 128, 71-71.	0.9	3
14	Structure and Function of the Bacterial Protein Toxin Phenomycin. <i>Structure</i> , 2020, 28, 528-539.e9.	1.6	2
15	Vasopressin-Independent Regulation of Aquaporin-2 by Tamoxifen in Kidney Collecting Ducts. <i>Frontiers in Physiology</i> , 2019, 10, 948.	1.3	8
16	A versatile aquaporin-2 cell system for quantitative temporal expression and live cell imaging. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F124-F132.	1.3	6
17	Systemic LPS induces toll-like receptor 3 (TLR3) expression and apoptosis in testicular mouse tissue. <i>Cell and Tissue Research</i> , 2019, 378, 143-154.	1.5	6
18	Aquaporins differentially regulate cell-cell adhesion in MDCK cells. <i>FASEB Journal</i> , 2019, 33, 6980-6994.	0.2	26

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19	The Cellular Localization of the p42 and p46 Oligoadenylate Synthetase 1 Isoforms and Their Impact on Mitochondrial Respiration. <i>Viruses</i> , 2019, 11, 1122.	1.5	10
20	Regulation of Plasma Membrane Nanodomains of the Water Channel Aquaporin-3 Revealed by Fixed and Live Photoactivated Localization Microscopy. <i>Nano Letters</i> , 2019, 19, 699-707.	4.5	12
21	The Na ⁺ /H ⁺ exchanger NHE1 localizes as clusters to cryptic lamellipodia and accelerates collective epithelial cell migration. <i>Journal of Physiology</i> , 2019, 597, 849-867.	1.3	17
22	Attenuation of cGAS ⁺ STING signaling is mediated by a p62/SQSTM1-dependent autophagy pathway activated by TBK1. <i>EMBO Journal</i> , 2018, 37, .	3.5	283
23	The soluble extracellular domain of E-cadherin interferes with EPEC adherence via interaction with the Tir: intimin complex. <i>FASEB Journal</i> , 2018, 32, 6860-6868.	0.2	4
24	Ectopic expression of aquaporin-5 in noncancerous epithelial MDCK cells changes cellular morphology and actin fiber formation without inducing epithelial-to-mesenchymal transition. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C654-C661.	2.1	16
25	Dominant-negative SERPING1 variants cause intracellular retention of C1 inhibitor in hereditary angioedema. <i>Journal of Clinical Investigation</i> , 2018, 129, 388-405.	3.9	39
26	Detection and quantification of intracellular bacterial colonies by automated, high-throughput microscopy. <i>Journal of Microbiological Methods</i> , 2017, 139, 37-44.	0.7	5
27	Data for automated, high-throughput microscopy analysis of intracellular bacterial colonies using spot detection. <i>Data in Brief</i> , 2017, 14, 643-647.	0.5	0
28	Immunohistochemical evaluation of activated Ras and Rac1 as potential downstream effectors of aquaporin-5 in breast cancer in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1210-1216.	1.0	23
29	Aquaporin-3 in Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2106.	1.8	83
30	The basolateral vesicle sorting machinery and basolateral proteins are recruited to the site of enteropathogenic E. coli microcolony growth at the apical membrane. <i>PLoS ONE</i> , 2017, 12, e0179122.	1.1	13
31	AQP2 Plasma Membrane Diffusion Is Altered by the Degree of AQP2-S256 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1804.	1.8	21
32	Prolactin Signaling Stimulates Invasion via Na ⁺ /H ⁺ Exchanger NHE1 in T47D Human Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2016, 30, 693-708.	3.7	23
33	The role of aquaporin-5 in cancer cell migration: A potential active participant. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 271-276.	1.2	42
34	Remote ischemic preconditioning attenuates ischemia/reperfusion-induced downregulation of AQP2 in rat kidney. <i>Physiological Reports</i> , 2016, 4, e12865.	0.7	15
35	Partial nephrogenic diabetes insipidus caused by a novel AQP2 variation impairing trafficking of the aquaporin-2 water channel. <i>BMC Nephrology</i> , 2015, 16, 217.	0.8	16
36	Tir Is Essential for the Recruitment of Tks5 to Enteropathogenic Escherichia coli Pedestals. <i>PLoS ONE</i> , 2015, 10, e0141871.	1.1	4

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37	Opposing Effects of cAMP and T259 Phosphorylation on Plasma Membrane Diffusion of the Water Channel Aquaporin-5 in Madin-Darby Canine Kidney Cells. <i>PLoS ONE</i> , 2015, 10, e0133324.	1.1	20
38	Elevated cAMP increases aquaporin-3 plasma membrane diffusion. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C598-C606.	2.1	22
39	Measuring localization and diffusion coefficients of basolateral proteins in lateral versus basal membranes using functionalized substrates and kICS analysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2404-2411.	1.4	11
40	Easy Measurement of Diffusion Coefficients of EGFP-tagged Plasma Membrane Proteins Using k-Space Image Correlation Spectroscopy. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	7
41	Aquaporin-3 and Aquaporin-4 Are Sorted Differently and Separately in the Trans-Golgi Network. <i>PLoS ONE</i> , 2013, 8, e73977.	1.1	21
42	Novel mutation in the AVPR2 gene in a Danish male with nephrogenic diabetes insipidus caused by ER retention and subsequent lysosomal degradation of the mutant receptor. <i>CKJ: Clinical Kidney Journal</i> , 2011, 4, 158-163.	1.4	9
43	Antenatal Corticosteroids and Postnatal Fluid Restriction Produce Differential Effects on AQP3 Expression, Water Handling, and Barrier Function in Perinatal Rat Epidermis. <i>Dermatology Research and Practice</i> , 2010, 2010, 1-9.	0.3	8
44	Epithelial cell surface polarity: the early steps. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 1088.	3.0	55
45	A molecular mechanism directly linking E-cadherin adhesion to initiation of epithelial cell surface polarity. <i>Journal of Cell Biology</i> , 2007, 178, 323-335.	2.3	147
46	NKCC1 and NHE1 are abundantly expressed in the basolateral plasma membrane of secretory coil cells in rat, mouse, and human sweat glands. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C333-C340.	2.1	36
47	Bidirectional regulation of AQP2 trafficking and recycling: involvement of AQP2-S256 phosphorylation. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F930-F938.	1.3	118
48	Transepidermal Water Loss in Developing Rats: Role of Aquaporins in the Immature Skin. <i>Pediatric Research</i> , 2003, 53, 558-565.	1.1	46
49	Functional requirement of aquaporin-5 in plasma membranes of sweat glands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 511-516.	3.3	194
50	Compensatory increase in AQP2, p-AQP2, and AQP3 expression in rats with diabetes mellitus. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F715-F726.	1.3	67
51	Immunolocalization of aquaporin-8 in rat kidney, gastrointestinal tract, testis, and airways. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, F1047-F1057.	1.3	188
52	Primary Gene Structure and Expression Studies of Rodent Paracellin-1. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2664-2672.	3.0	47