

Stine F Pedersen

List of Publications by Year in descending order

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162
papers

9,352
citations

31976

53
h-index

45317

90
g-index

167
all docs

167
docs citations

167
times ranked

9803
citing authors

#	ARTICLE	IF	CITATIONS
1	The TRPC1 Channel Forms a PI3K/CaM Complex and Regulates Pancreatic Ductal Adenocarcinoma Cell Proliferation in a Ca ²⁺ -Independent Manner. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7923.	4.1	2
2	Putting Warburg to work: how imaging of tumour acidosis could help predict metastatic potential in breast cancer. <i>British Journal of Cancer</i> , 2021, 124, 1-2.	6.4	6
3	Dynamic Na ⁺ /H ⁺ exchanger 1 (NHE1) α calmodulin complexes of varying stoichiometry and structure regulate Ca ²⁺ -dependent NHE1 activation. <i>ELife</i> , 2021, 10, .	6.0	11
4	The Interplay between Dysregulated Ion Transport and Mitochondrial Architecture as a Dangerous Liaison in Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5209.	4.1	15
5	The Voltage-Gated Sodium Channel Beta4 Subunit Maintains Epithelial Phenotype in Mammary Cells. <i>Cells</i> , 2021, 10, 1624.	4.1	2
6	Metabolic reprogramming by driver mutation-tumor microenvironment interplay in pancreatic cancer: new therapeutic targets. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 1093-1114.	5.9	10
7	The Acidic Tumor Microenvironment as a Driver of Cancer. <i>Annual Review of Physiology</i> , 2020, 82, 103-126.	13.1	551
8	The β -hydroxybutyric acid (GHB) analogue NCS-382 is a substrate for both monocarboxylate transporters subtypes 1 and 4. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105203.	4.0	4
9	Cancer Cell Acid Adaptation Gene Expression Response Is Correlated to Tumor-Specific Tissue Expression Profiles and Patient Survival. <i>Cancers</i> , 2020, 12, 2183.	3.7	19
10	How Reciprocal Interactions Between the Tumor Microenvironment and Ion Transport Proteins Drive Cancer Progression. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 1-38.	1.6	9
11	The intracellular lipid-binding domain of human Na ⁺ /H ⁺ exchanger 1 forms a lipid-protein co-structure essential for activity. <i>Communications Biology</i> , 2020, 3, 731.	4.4	11
12	TGF β ² Signaling Increases Net Acid Extrusion, Proliferation and Invasion in Panc-1 Pancreatic Cancer Cells: SMAD4 Dependence and Link to Merlin/NF2 Signaling. <i>Frontiers in Oncology</i> , 2020, 10, 687.	2.8	19
13	Yeast recombinant production of intact human membrane proteins with long intrinsically disordered intracellular regions for structural studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183272.	2.6	6
14	O α -Glycan initiation directs distinct biological pathways and controls epithelial differentiation. <i>EMBO Reports</i> , 2020, 21, e48885.	4.5	36
15	Pyrazine ring-based Na ⁺ /H ⁺ exchanger (NHE) inhibitors potently inhibit cancer cell growth in 3D culture, independent of NHE1. <i>Scientific Reports</i> , 2020, 10, 5800.	3.3	42
16	The Vacuolar H ⁺ ATPase β 3 Subunit Negatively Regulates Migration and Invasion of Human Pancreatic Ductal Adenocarcinoma Cells. <i>Cells</i> , 2020, 9, 465.	4.1	14
17	Why Warburg Works: Lactate Controls Immune Evasion through GPR81. <i>Cell Metabolism</i> , 2020, 31, 666-668.	16.2	31
18	Avidity within the N α -terminal anchor drives β -synuclein membrane interaction and insertion. <i>FASEB Journal</i> , 2020, 34, 7462-7482.	0.5	28

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19	Molecular basis for the binding and selective dephosphorylation of Na ⁺ /H ⁺ exchanger 1 by calcineurin. <i>Nature Communications</i> , 2019, 10, 3489.	12.8	36
20	Effects of oxygen-glucose deprivation (OGD) on barrier properties and mRNA transcript levels of selected marker proteins in brain endothelial cells/astrocyte co-cultures. <i>PLoS ONE</i> , 2019, 14, e0221103.	2.5	40
21	The SLC9A-C Mammalian Na ⁺ /H ⁺ Exchanger Family: Molecules, Mechanisms, and Physiology. <i>Physiological Reviews</i> , 2019, 99, 2015-2113.	28.8	119
22	Assessing Cell Viability and Death in 3D Spheroid Cultures of Cancer Cells. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	17
23	HER2 and p95HER2 differentially regulate miRNA expression in MCF-7 breast cancer cells and downregulate MYB proteins through miR-221/222 and miR-503. <i>Scientific Reports</i> , 2019, 9, 3352.	3.3	15
24	Profibrotic epithelial phenotype: a central role for MRTF and TAZ. <i>Scientific Reports</i> , 2019, 9, 4323.	3.3	27
25	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Adaptations and Targets in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1332.	2.8	2
26	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.	2.9	17
27	3D multicellular models to study the regulation and roles of acid-base transporters in breast cancer. <i>Biochemical Society Transactions</i> , 2019, 47, 1689-1700.	3.4	5
28	The net acid extruders NHE1, NBCn1 and MCT4 promote mammary tumor growth through distinct but overlapping mechanisms. <i>International Journal of Cancer</i> , 2018, 142, 2529-2542.	5.1	63
29	Roles of pH in control of cell proliferation. <i>Acta Physiologica</i> , 2018, 223, e13068.	3.8	109
30	Trafficking, localization and degradation of the Na ⁺ ,HCO ₃ ⁻ co-transporter NBCn1 in kidney and breast epithelial cells. <i>Scientific Reports</i> , 2018, 8, 7435.	3.3	9
31	The acid-base transport proteins NHE1 and NBCn1 regulate cell cycle progression in human breast cancer cells. <i>Cell Cycle</i> , 2018, 17, 1056-1067.	2.6	51
32	Na ⁺ ,HCO ₃ ⁻ -cotransporter NBCn1 (Slc4a7) accelerates ErbB2-induced breast cancer development and tumor growth in mice. <i>Oncogene</i> , 2018, 37, 5569-5584.	5.9	38
33	Alternating pH landscapes shape epithelial cancer initiation and progression: Focus on pancreatic cancer. <i>BioEssays</i> , 2017, 39, 1600253.	2.5	53
34	A phosphorylation-motif for tuneable helix stabilisation in intrinsically disordered proteins – Lessons from the sodium proton exchanger 1 (NHE1). <i>Cellular Signalling</i> , 2017, 37, 40-51.	3.6	34
35	Roles of pH and the Na ⁺ /H ⁺ exchanger NHE1 in cancer: From cell biology and animal models to an emerging translational perspective?. <i>Seminars in Cancer Biology</i> , 2017, 43, 5-16.	9.6	101
36	MCT1 and MCT4 Expression and Lactate Flux Activity Increase During White and Brown Adipogenesis and Impact Adipocyte Metabolism. <i>Scientific Reports</i> , 2017, 7, 13101.	3.3	65

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37	TGF- β 1 regulates the expression and transcriptional activity of TAZ protein via a Smad3-independent, myocardin-related transcription factor-mediated mechanism. <i>Journal of Biological Chemistry</i> , 2017, 292, 14902-14920.	3.4	64
38	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Networks in Cancer. <i>Frontiers in Pharmacology</i> , 2017, 8, 411.	3.5	6
39	Tumor microenvironment conditions alter Akt and Na ⁺ /H ⁺ exchanger NHE1 expression in endothelial cells more than hypoxia alone: implications for endothelial cell function in cancer. <i>BMC Cancer</i> , 2017, 17, 542.	2.6	28
40	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
41	Monocarboxylate Transporters MCT1 and MCT4 Regulate Migration and Invasion of Pancreatic Ductal Adenocarcinoma Cells. <i>Pancreas</i> , 2016, 45, 1036-1047.	1.1	66
42	HER2-encoded mir-4728 forms a receptor-independent circuit with miR-21-5p through the non-canonical poly(A) polymerase PAPD5. <i>Scientific Reports</i> , 2016, 6, 35664.	3.3	17
43	Assessment of different 3D culture systems to study tumor phenotype and chemosensitivity in pancreatic ductal adenocarcinoma. <i>International Journal of Oncology</i> , 2016, 49, 243-252.	3.3	33
44	Oncogenic p95HER2 regulates Na ⁺ â€“HCO ₃ ⁻ cotransporter NBCn1 mRNA stability in breast cancer cells via 3â€“UTR-dependent processes. <i>Biochemical Journal</i> , 2016, 473, 4027-4044.	3.7	14
45	Roles of acid-extruding ion transporters in regulation of breast cancer cell growth in a 3-dimensional microenvironment. <i>Molecular Cancer</i> , 2016, 15, 45.	19.2	52
46	The human Na ⁺ /H ⁺ exchanger 1 is a membrane scaffold protein for extracellular signal-regulated kinase 2. <i>BMC Biology</i> , 2016, 14, 31.	3.8	45
47	Biophysics and Physiology of the Volume-Regulated Anion Channel (VRAC)/Volume-Sensitive Outwardly Rectifying Anion Channel (VSOR). <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 371-383.	2.8	139
48	Glycosylation of solute carriers: mechanisms and functional consequences. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 159-176.	2.8	11
49	Myocardin-related Transcription Factor Regulates Nox4 Protein Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 227-243.	3.4	27
50	Disrupting Na ⁺ ,HCO ₃ ⁻ -cotransporter NBCn1 (Slc4a7) delays murine breast cancer development. <i>Oncogene</i> , 2016, 35, 2112-2122.	5.9	73
51	Protein receptor-independent plasma membrane remodeling by HAMLET: a tumoricidal protein-lipid complex. <i>Scientific Reports</i> , 2015, 5, 16432.	3.3	23
52	The P2X7 receptor regulates cell survival, migration and invasion of pancreatic ductal adenocarcinoma cells. <i>Molecular Cancer</i> , 2015, 14, 203.	19.2	96
53	ANO1 (TMEM16A) in pancreatic ductal adenocarcinoma (PDAC). <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 1495-1508.	2.8	93
54	Intrinsically disordered cytoplasmic domains of two cytokine receptors mediate conserved interactions with membranes. <i>Biochemical Journal</i> , 2015, 468, 495-506.	3.7	68

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55	The identification of a volume-regulated anion channel: an amazing <i>O</i> -dyssey. <i>Acta Physiologica</i> , 2015, 213, 868-881.	3.8	105
56	The glutamate transport inhibitor DL-Threo- β -Benzyloxyaspartic acid (DL-TBOA) differentially affects SN38- and oxaliplatin-induced death of drug-resistant colorectal cancer cells. <i>BMC Cancer</i> , 2015, 15, 411.	2.6	18
57	PDGFR β and oncogenic, mutant PDGFR β D842V promote disassembly of primary cilia by a PLC β 3 and AURKA dependent mechanism. <i>Journal of Cell Science</i> , 2015, 128, 3543-9.	2.0	24
58	Osmotic shrinkage elicits FAK- and Src phosphorylation and Src-dependent NKCC1 activation in NIH3T3 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C101-C110.	4.6	9
59	Constitutively Active ErbB2 Regulates Cisplatin-Induced Cell Death in Breast Cancer Cells via Pro- and Antiapoptotic Mechanisms. <i>Molecular Cancer Research</i> , 2015, 13, 63-77.	3.4	20
60	Trafficking and Membrane Targeting of NBCn1 in MCF7 Breast Cancer Cells. <i>FASEB Journal</i> , 2015, 29, 975.7.	0.5	0
61	Luminescent Dual Sensors Reveal Extracellular pH-Gradients and Hypoxia on Chronic Wounds That Disrupt Epidermal Repair. <i>Theranostics</i> , 2014, 4, 721-735.	10.0	117
62	Acid-base transport in pancreatic cancer: Molecular mechanisms and clinical potential. <i>Biochemistry and Cell Biology</i> , 2014, 92, 449-459.	2.0	38
63	Regulation and roles of bicarbonate transporters in cancer. <i>Frontiers in Physiology</i> , 2014, 5, 130.	2.8	113
64	Structural Dynamics and Regulation of the Mammalian SLC9A Family of Na ⁺ /H ⁺ Exchangers. <i>Current Topics in Membranes</i> , 2014, 73, 69-148.	0.9	71
65	ErbB2 upregulates the Na ⁺ ,HCO ₃ ⁻ cotransporter NBCn1/SLC4A7 in human breast cancer cells via Akt, ERK, Src, and Kr μ ppel-like factor 4. <i>FASEB Journal</i> , 2014, 28, 350-363.	0.5	41
66	Interactions of ion transporters and channels with cancer cell metabolism and the tumour microenvironment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130098.	4.0	91
67	Single point mutations of aromatic residues in transmembrane helices 5 and -6 differentially affect TRPV4 activation by 4 β -PDD and hypotonicity: Implications for the role of the pore region in regulating TRPV4 activity. <i>Cell Calcium</i> , 2014, 55, 38-47.	2.4	14
68	C-Terminal ERK D- (and F-Like) Domains Link the Na ⁺ /H ⁺ Exchanger NHE1 to ERK2 Phosphorylation and Regulation via Scaffolding. <i>Biophysical Journal</i> , 2014, 106, 426a.	0.5	0
69	PDGFR β signaling in the primary cilium regulates NHE1-dependent fibroblast migration via coordinated differential activity of MEK1/2-ERK1/2-p90RSK and AKT signaling pathways. <i>Journal of Cell Science</i> , 2013, 126, 953-65.	2.0	76
70	Contribution of Na ⁺ ,HCO ₃ ⁻ cotransport to cellular pH control in human breast cancer: A role for the breast cancer susceptibility locus NBCn1 (SLC4A7). <i>International Journal of Cancer</i> , 2013, 132, 1288-1299.	5.1	104
71	Hyperosmotic stress regulates the distribution and stability of myocardin-related transcription factor, a key modulator of the cytoskeleton. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C115-C127.	4.6	30
72	A Unifying Mechanism for Cancer Cell Death through Ion Channel Activation by HAMLET. <i>PLoS ONE</i> , 2013, 8, e58578.	2.5	28

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73	Cell volume regulation in epithelial physiology and cancer. <i>Frontiers in Physiology</i> , 2013, 4, 233.	2.8	81
74	Inversin/Nephrocystin-2 Is Required for Fibroblast Polarity and Directional Cell Migration. <i>PLoS ONE</i> , 2013, 8, e60193.	2.5	47
75	Cl ⁻ and K ⁺ channels in human pancreatic ductal adenocarcinoma (PDAC) cells. <i>FASEB Journal</i> , 2013, 27, .	0.5	0
76	Cisplatin-induced cell death in MCF7 breast cancer cells: Roles of H^+ NErbB2 and pH regulatory ion transporters NHE1 and NBCn1. <i>FASEB Journal</i> , 2013, 27, 727.5.	0.5	1
77	pH Regulatory Transporters in Pancreatic Ductal Adenocarcinoma (PDAC). <i>FASEB Journal</i> , 2013, 27, 730.10.	0.5	1
78	Regulation of the Na ⁺ ,HCO ₃ ⁻ cotransporter NBCn1 (SLC4A7) by a constitutively active ErbB2 receptor in MCF7 breast cancer cells. <i>FASEB Journal</i> , 2013, 27, 471.5.	0.5	2
79	Novel potential binding partners of the C-terminal tail of the sodium bicarbonate cotransporter NBCn1. <i>FASEB Journal</i> , 2013, 27, 730.3.	0.5	0
80	ERM proteins colocalize with the Na ⁺ /H ⁺ exchanger NHE1 in MCF7 breast cancer cell invadopodia and affect invadopodia number. <i>FASEB Journal</i> , 2013, 27, 1145.2.	0.5	0
81	Regulation of cell motility by Na ⁺ /H ⁺ exchanger NHE1: implications for cancer development. <i>FASEB Journal</i> , 2013, 27, 1145.1.	0.5	0
82	Direct interaction with the Na ⁺ /H ⁺ exchanger NHE1 regulates ERK1/2 activity. <i>FASEB Journal</i> , 2013, 27, 730.1.	0.5	1
83	Development of model systems for analysis of effects of cell-cell and cell-microenvironment interactions on pH regulatory proteins in breast cancer. <i>FASEB Journal</i> , 2013, 27, 471.4.	0.5	1
84	Colorectal cancer cell lines made resistant to SN38 and Oxaliplatin: Roles of altered ion transporter function in resistance?. <i>FASEB Journal</i> , 2013, 27, 1b452.	0.5	0
85	Physiology, Pharmacology and Pathophysiology of the pH Regulatory Transport Proteins NHE1 and NBCn1: Similarities, Differences, and Implications for Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2012, 18, 1345-1371.	1.9	123
86	The Na ⁺ /H ⁺ exchanger NHE1, but not the Na ⁺ , HCO ₃ ⁻ cotransporter NBCn1, regulates motility of MCF7 breast cancer cells expressing constitutively active ErbB2. <i>Cancer Letters</i> , 2012, 317, 172-183.	0.5	0
87	Gram Scale Solution-Phase Synthesis of Selective Sodium Bicarbonate Co-transport Inhibitor SO859: in-vitro Efficacy Studies in Breast Cancer Cells. <i>ChemMedChem</i> , 2012, 7, 1808-1814.	3.2	27
88	On the role of TRPC1 in control of Ca ²⁺ influx, cell volume, and cell cycle. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C625-C634.	4.6	23
89	Na ⁺ , HCO ₃ ⁻ cotransport is crucial for intracellular pH control in human breast cancer. <i>FASEB Journal</i> , 2012, 26, 882.5.	0.5	0
90	Development of complex model systems for analysis of cell-cell and cell-microenvironment interactions in breast cancer. <i>FASEB Journal</i> , 2012, 26, 1064.1.	0.5	0

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91	Regulation of the Na, HCO ₃ cotransporter NBCn1 (SLC4A7) by a constitutively active ErbB2 receptor in MCF7 breast cancer cells. <i>FASEB Journal</i> , 2012, 26, 882.6.	0.5	0
92	Cell volume homeostatic mechanisms: effectors and signalling pathways. <i>Acta Physiologica</i> , 2011, 202, 465-485.	3.8	65
93	The Intracellular Distal Tail of the Na ⁺ /H ⁺ Exchanger NHE1 Is Intrinsically Disordered: Implications for NHE1 Trafficking. <i>Biochemistry</i> , 2011, 50, 3469-3480.	2.5	56
94	Hyperosmotic stress strongly potentiates serum response factor (SRF)-dependent transcriptional activity in ehrlich letter A ascites cells through a mechanism involving p38 mitogen-activated protein kinase. <i>Journal of Cellular Physiology</i> , 2011, 226, 2857-2868.	4.1	8
95	Response to Schushan et al.: Two Conflicting NHE1 Model Structures: Compatibility with Experimental Data and Implications for the Transport Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 1e10.	3.4	1
96	The Cardioprotective Effect of Brief Acidic Reperfusion after Ischemia in Perfused Rat Hearts is not Mimicked by Inhibition of the Na ⁺ /H ⁺ Exchanger NHE1. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 13-24.	1.6	9
97	Cell Volume Regulation and Signaling in 3T3-L1 Pre-adipocytes and Adipocytes: On the Possible Roles of Caveolae, Insulin Receptors, FAK and ERK1/2. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 1231-1246.	1.6	13
98	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Journal of Cell Science</i> , 2011, 124, 2539-2551.	2.0	95
99	Osmosensory Mechanisms in Cellular and Systemic Volume Regulation. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1587-1597.	6.1	77
100	Structural Modeling and Electron Paramagnetic Resonance Spectroscopy of the Human Na ⁺ /H ⁺ Exchanger Isoform 1, NHE1. <i>Journal of Biological Chemistry</i> , 2011, 286, 634-648.	3.4	42
101	Intracellular pH gradients in migrating cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C490-C495.	4.6	129
102	The protective effect of brief acidic cardiac reperfusion after ischemia is not mimicked by inhibition of the Na ⁺ /H ⁺ exchanger NHE1 or of phospholipase A ₂ (PLA ₂). <i>FASEB Journal</i> , 2011, 25, 1097.12.	0.5	0
103	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Development (Cambridge)</i> , 2011, 138, e1608-e1608.	2.5	0
104	NBCn1 and NHE1 expression and activity in ErbB2 receptor-expressing MCF-7 breast cancer cells: Contributions to pH regulation and chemotherapy resistance. <i>Experimental Cell Research</i> , 2010, 316, 2538-2553.	2.6	111
105	Temperature-dependent structural changes in intrinsically disordered proteins: Formation of α -helices or loss of polyproline II?. <i>Protein Science</i> , 2010, 19, 1555-1564.	7.6	200
106	Monovalent ions control proliferation of Ehrlich Lettre ascites cells. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C714-C725.	4.6	23
107	The Na ⁺ /H ⁺ exchanger NHE1 is required for directional migration stimulated via PDGFR- β in the primary cilium. <i>Journal of Cell Biology</i> , 2009, 185, 163-176.	5.2	85
108	Propionic Acid Secreted from Propionibacteria Induces NKG2D Ligand Expression on Human-Activated T Lymphocytes and Cancer Cells. <i>Journal of Immunology</i> , 2009, 183, 897-906.	0.8	35

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109	Hyperosmotic stress induces Rho/Rho kinase/LIM kinase-mediated cofilin phosphorylation in tubular cells: key role in the osmotically triggered F-actin response. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C463-C475.	4.6	59
110	HL-1 mouse cardiomyocyte injury and death after simulated ischemia and reperfusion: roles of pH, Ca ²⁺ -independent phospholipase A ₂ , and Na ⁺ /H ⁺ exchange. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C1227-C1242.	4.6	22
111	Modulation of the Transient Receptor Potential Vanilloid Channel TRPV4 by 4 β -Phorbol Esters: A Structure-Activity Study. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2933-2939.	6.4	66
112	Physiology of Cell Volume Regulation in Vertebrates. <i>Physiological Reviews</i> , 2009, 89, 193-277.	28.8	1,229
113	H-ras transformation sensitizes volume-activated anion channels and increases migratory activity of NIH3T3 fibroblasts. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 455, 1055-1062.	2.8	35
114	Cell volume regulation: physiology and pathophysiology. <i>Acta Physiologica</i> , 2008, 194, 255-282.	3.8	86
115	Chapter 10 The Primary Cilium Coordinates Signaling Pathways in Cell Cycle Control and Migration During Development and Tissue Repair. <i>Current Topics in Developmental Biology</i> , 2008, 85, 261-301.	2.2	135
116	Osmotic cell shrinkage activates ezrin/radixin/moesin (ERM) proteins: activation mechanisms and physiological implications. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C197-C212.	4.6	56
117	NHE1 Inhibition by Amiloride- and Benzoylguanidine-type Compounds. <i>Journal of Biological Chemistry</i> , 2007, 282, 19716-19727.	3.4	41
118	Induction of group VIA phospholipase A ₂ activity during in vitro ischemia in C2C12 myotubes is associated with changes in the level of its splice variants. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1605-C1615.	4.6	24
119	Shrinkage insensitivity of NKCC1 in myosin II-depleted cytoplasts from Ehrlich ascites tumor cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1854-C1866.	4.6	21
120	Regulation of mitogen-activated protein kinase pathways by the plasma membrane Na ⁺ /H ⁺ exchanger, NHE1. <i>Archives of Biochemistry and Biophysics</i> , 2007, 462, 195-201.	3.0	46
121	The Na ⁺ and H ⁺ Exchanger, NHE1, Differentially Regulates Mitogen-Activated Protein Kinase Subfamilies after Osmotic Shrinkage in Ehrlich Lettre Ascites Cells. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 735-750.	1.6	39
122	Transient Receptor Potential Channels in Mechanosensing and Cell Volume Regulation. <i>Methods in Enzymology</i> , 2007, 428, 183-207.	1.0	119
123	Cell cycle-dependent activity of the volume- and Ca ²⁺ -activated anion currents in Ehrlich lettre ascites cells. <i>Journal of Cellular Physiology</i> , 2007, 210, 831-842.	4.1	57
124	Roles of Na ⁺ /H ⁺ exchange in regulation of p38 mitogen-activated protein kinase activity and cell death after chemical anoxia in NIH3T3 fibroblasts. <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 454, 649-662.	2.8	15
125	Osmotic cell shrinkage activates ezrin/radixin/moesin (ERM) proteins: Activation mechanisms and physiological implications. <i>FASEB Journal</i> , 2007, 21, A963.	0.5	1
126	The Na ⁺ /H ⁺ exchanger, NHE1, differentially regulates mitogen-activated protein kinase subfamilies after osmotic shrinkage in Ehrlich Lettre Ascites cells. <i>FASEB Journal</i> , 2007, 21, A963.	0.5	0

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127	NHE1 inhibition by amiloride and benzoyl guanidine type inhibitors: inhibitor binding loci deduced from chimeras of three NHE1 homologs with markedly different inhibitor sensitivity. <i>FASEB Journal</i> , 2007, 21, A964.	0.5	0
128	Hyperosmotic stress induces Rho kinase-mediated cofilin phosphorylation. <i>FASEB Journal</i> , 2007, 21, A963.	0.5	2
129	Sensors and Signal Transduction Pathways in Vertebrate Cell Volume Regulation. , 2006, 152, 54-104.		46
130	Activation of PLA2 isoforms by cell swelling and ischaemia/hypoxia. <i>Acta Physiologica</i> , 2006, 187, 75-85.	3.8	85
131	Regulation of the Pleuronectes americanus Na ⁺ /H ⁺ Exchanger by Osmotic Shrinkage, β^2 -Adrenergic Stimuli, and Inhibition of Ser/Thr Protein Phosphatases. <i>Cell Biochemistry and Biophysics</i> , 2006, 45, 1-18.	1.8	17
132	The Na ⁺ /H ⁺ exchanger NHE1 in stress-induced signal transduction: implications for cell proliferation and cell death. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 452, 249-259.	2.8	102
133	Roles of phospholipase A2 isoforms in swelling- and melittin-induced arachidonic acid release and taurine efflux in NIH3T3 fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C1286-C1296.	4.6	27
134	Cholesterol modulates the volume-regulated anion current in Ehrlich-Lette ascites cells via effects on Rho and F-actin. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C757-C771.	4.6	71
135	Physiology and pathophysiology of Na ⁺ /H ⁺ exchange and Na ⁺ -K ⁺ -2Cl ⁻ cotransport in the heart, brain, and blood. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1-R25.	1.8	149
136	Multiple PLA2 Isoforms Regulate Taurine Release in NIH3T3 Mouse Fibroblasts. , 2006, 583, 99-108.		4
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