

# Larry Fliegel

## List of Publications by Year in descending order

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158  
papers

5,672  
citations

61857

43  
h-index

95083

68  
g-index

160  
all docs

160  
docs citations

160  
times ranked

3664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Silymarin in Cancer Treatment: Facts, Hypotheses, and Questions. <i>Journal of Evidence-based Integrative Medicine</i> , 2022, 27, 2515690X2110688.	1.4	35
2	Permissive role of Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 in migration and invasion of triple-negative basal-like breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1207-1216.	1.4	4
3	Acute SGLT-2i treatment improves cardiac efficiency during myocardial ischemia independent of Na <sup>+</sup> /H <sup>+</sup> exchanger-1. <i>International Journal of Cardiology</i> , 2022, , .	0.8	7
4	Role of Genetic Mutations of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1, in Human Disease and Protein Targeting and Activity. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1221-1232.	1.4	12
5	Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) Na <sup>+</sup> /H <sup>+</sup> Exchangers tNhe3a and tNhe3b Display Unique Inhibitory Profiles Dissimilar from Mammalian NHE Isoforms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2205.	1.8	9
6	Screening of 5- and 6-Substituted Amiloride Libraries Identifies Dual-uPA/NHE1 Active and Single Target-Selective Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2999.	1.8	16
7	Characterization of modeled inhibitory binding sites on isoform one of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183648.	1.4	2
8	pH and electrolytes metabolism in prostate cancer. , 2021, , 295-318.		0
9	Amino Acids 785, 787 of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Cytoplasmic Tail Modulate Protein Activity and Tail Conformation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11349.	1.8	0
10	Roles of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1 and Urokinase in Prostate Cancer Cell Migration and Invasion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13263.	1.8	8
11	Expression and detergent free purification and reconstitution of the plant plasma membrane Na <sup>+</sup> /H <sup>+</sup> antiporter SOS1 overexpressed in <i>Pichia pastoris</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183111.	1.4	19
12	Nitric oxide modulates cardiomyocyte pH control through a biphasic effect on sodium/hydrogen exchanger-1. <i>Cardiovascular Research</i> , 2020, 116, 1958-1971.	1.8	16
13	Anti-hypertrophic effect of Na <sup>+</sup> /H <sup>+</sup> exchanger-1 inhibition is mediated by reduced cathepsin B. <i>European Journal of Pharmacology</i> , 2020, 888, 173420.	1.7	6
14	Role of pH Regulatory Proteins and Dysregulation of pH in Prostate Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 85-110.	0.9	12
15	14-3-3 Proteins and Other Candidates form Protein-Protein Interactions with the Cytosolic C-terminal End of SOS1 Affecting Its Transport Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3334.	1.8	13
16	Amino Acids 563-566 of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1 C-Terminal Cytosolic Tail Prevent Protein Degradation and Stabilize Protein Expression and Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1737.	1.8	5
17	Acidic residues of extracellular loop 3 of the Na <sup>+</sup> /H <sup>+</sup> exchanger type 1 are important in cation transport. <i>Molecular and Cellular Biochemistry</i> , 2020, 468, 13-20.	1.4	5
18	Diverse residues of intracellular loop 5 of the Na <sup>+</sup> /H <sup>+</sup> exchanger modulate proton sensing, expression, activity and targeting. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 191-200.	1.4	10

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19	Molecular modeling and inhibitor docking analysis of the Na <sup>+</sup> /H <sup>+</sup> exchanger isoform one. <i>Biochemistry and Cell Biology</i> , 2019, 97, 333-343.	0.9	12
20	Structural and Functional Changes in the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1, Induced by Erk1/2 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2378.	1.8	35
21	Functional Analysis of Conserved Transmembrane Charged Residues and a Yeast Specific Extracellular Loop of the Plasma Membrane Na <sup>+</sup> /H <sup>+</sup> Antiporter of <i>Schizosaccharomyces pombe</i> . <i>Scientific Reports</i> , 2019, 9, 6191.	1.6	3
22	Structure and function of yeast and fungal Na <sup>+</sup> /H <sup>+</sup> antiporters. <i>IUBMB Life</i> , 2018, 70, 23-31.	1.5	16
23	Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1-induced osteopontin expression facilitates cardiac hypertrophy through p90 ribosomal S6 kinase. <i>Physiological Genomics</i> , 2018, 50, 332-342.	1.0	9
24	Na <sup>+</sup> /H <sup>+</sup> exchanger-mediated hydrogen ion extrusion as a carcinogenic signal in triple-negative breast cancer etiopathogenesis and prospects for its inhibition in therapeutics. <i>Seminars in Cancer Biology</i> , 2017, 43, 35-41.	4.3	39
25	Protein mediated regulation of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger in renal cells. A regulatory role of Hsp90 and AKT kinase. <i>Cellular Signalling</i> , 2017, 36, 145-153.	1.7	7
26	Î²-Raf activation of the myocardial Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Channels</i> , 2017, 11, 181-182.	1.5	1
27	Heat shock proteins and the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Channels</i> , 2017, 11, 380-382.	1.5	2
28	Defining the Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1 interactome in triple-negative breast cancer cells. <i>Cellular Signalling</i> , 2017, 29, 69-77.	1.7	20
29	Transmembrane Segment XI of the Na <sup>+</sup> /H <sup>+</sup> Antiporter of <i>S. pombe</i> is a Critical Part of the Ion Translocation Pore. <i>Scientific Reports</i> , 2017, 7, 12793.	1.6	4
30	Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1 regulation modulates metastatic potential and epithelial-mesenchymal transition of triple-negative breast cancer cells. <i>Oncotarget</i> , 2016, 7, 21091-21113.	0.8	50
31	Stop Codon Polymorphisms in the Human SLC9A1 Gene Disrupt or Compromise Na <sup>+</sup> /H <sup>+</sup> Exchanger Function. <i>PLoS ONE</i> , 2016, 11, e0162902.	1.1	7
32	KR-33028, a potent inhibitor of the Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1, suppresses metastatic potential of triple-negative breast cancer cells. <i>Biochemical Pharmacology</i> , 2016, 118, 31-39.	2.0	32
33	Activation of the Na <sup>+</sup> /H <sup>+</sup> exchanger in isolated cardiomyocytes through Î²-Raf dependent pathways. Role of Thr653 of the cytosolic tail. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 65-75.	0.9	8
34	Assessing Na <sup>+</sup> /H <sup>+</sup> exchange and cell effector functionality in metastatic breast cancer. <i>Biochimie Open</i> , 2016, 2, 16-23.	3.2	16
35	Expression and characterization of the SOS1 Arabidopsis salt tolerance protein. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 133-143.	1.4	24
36	The Na <sup>+</sup> /H <sup>+</sup> exchanger in metastasis. <i>Aging</i> , 2016, 8, 1291-1291.	1.4	7

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37	Na <sup>+</sup> /H <sup>+</sup> exchange in the tumour microenvironment: does NHE1 drive breast cancer carcinogenesis?. <i>International Journal of Developmental Biology</i> , 2015, 59, 367-377.	0.3	37
38	A Novel Human Mutation in the SLC9A1 Gene Results in Abolition of Na <sup>+</sup> /H <sup>+</sup> Exchanger Activity. <i>PLoS ONE</i> , 2015, 10, e0119453.	1.1	7
39	Mutation of SLC9A1, encoding the major Na <sup>+</sup> /H <sup>+</sup> exchanger, causes ataxia-deafness Lichtenstein-Knorr syndrome. <i>Human Molecular Genetics</i> , 2015, 24, 463-470.	1.4	44
40	Topological analysis of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2385-2393.	1.4	18
41	Cloning and characterization of Na <sup>+</sup> /H <sup>+</sup> Exchanger isoforms NHE2 and NHE3 from the gill of Pacific dogfish <i>Squalus suckleyi</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 188, 46-53.	0.7	9
42	Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1-Induced Osteopontin Expression Facilitates Cardiomyocyte Hypertrophy. <i>PLoS ONE</i> , 2015, 10, e0123318.	1.1	10
43	The Na <sup>+</sup> /H <sup>+</sup> exchanger (NHE1) as a novel co-adjuvant target in paclitaxel therapy of triple-negative breast cancer cells. <i>Oncotarget</i> , 2015, 6, 1262-1275.	0.8	72
44	Functional role of arginine 425 in the mammalian Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochemistry and Cell Biology</i> , 2014, 92, 541-546.	0.9	4
45	The Na <sup>+</sup> /H <sup>+</sup> exchanger and p <sup>H</sup> regulation in the heart. <i>IUBMB Life</i> , 2014, 66, 679-685.	1.5	39
46	Functional role and analysis of cysteine residues of the salt tolerance protein Sod2. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 85-98.	1.4	5
47	Membrane Transport Piece by Piece: Production of Transmembrane Peptides for Structural and Functional Studies. <i>Current Protocols in Protein Science</i> , 2014, 75, 29.8.1-29.8.28.	2.8	0
48	Characterization of human mutations in phosphorylatable amino acids of the cytosolic regulatory tail of SLC9A1. <i>Biochemistry and Cell Biology</i> , 2014, 92, 524-529.	0.9	4
49	Structural and Functional Analysis of the Transmembrane Segment Pair VI and VII of the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. <i>Biochemistry</i> , 2014, 53, 3658-3670.	1.2	10
50	Structural changes in the C-terminal regulatory region of the Na <sup>+</sup> /H <sup>+</sup> exchanger mediate phosphorylation induced regulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 61, 153-163.	0.9	15
51	Structural and functional insights into the cardiac Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 61, 60-67.	0.9	37
52	Regulation of the Na <sup>+</sup> /H <sup>+</sup> Exchanger (NHE1) in Breast Cancer Metastasis. <i>Cancer Research</i> , 2013, 73, 1259-1264.	0.4	135
53	Acidosis-mediated regulation of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger in renal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F370-F381.	1.3	27
54	Calmodulin-dependent binding to the NHE1 cytosolic tail mediates activation of the Na <sup>+</sup> /H <sup>+</sup> exchanger by Ca <sup>2+</sup> and endothelin. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C1161-C1169.	2.1	21

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55	Structural and Functional Analysis of Transmembrane Segment IV of the Salt Tolerance Protein Sod2*. Journal of Biological Chemistry, 2013, 288, 24609-24624.	1.6	11
56	Gender-specific effects of exercise on cardiac pathology in Na <sup>+</sup> /H <sup>+</sup> exchanger overexpressing mice. Molecular and Cellular Biochemistry, 2012, 368, 103-110.	1.4	1
57	Structural and functional analysis of extracellular loop 4 of the Nhe1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2783-2790.	1.4	9
58	DNA hypermethylation and 1p Loss silence NHE1 in oligodendroglioma. Annals of Neurology, 2012, 71, 845-849.	2.8	22
59	Functional and structural analysis of transmembrane segment IV of Na <sup>+</sup> /H <sup>+</sup> exchanger of Schizosaccharomyces pombe. FASEB Journal, 2012, 26, 604.2.	0.2	0
60	Structural-functional studies of purified transmembrane segment VI-VII of the human isoform 1 of the Na <sup>+</sup> /H <sup>+</sup> exchanger. FASEB Journal, 2012, 26, lb226.	0.2	0
61	NMR Structural Studies of a Two-Transmembrane Helix Segment of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1. Biophysical Journal, 2011, 100, 385a.	0.2	0
62	Structural and functional analysis of critical amino acids in TMVI of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2327-2335.	1.4	10
63	Elevated levels of activated NHE1 protect the myocardium and improve metabolism following ischemia/reperfusion injury. Journal of Molecular and Cellular Cardiology, 2011, 50, 157-164.	0.9	13
64	Structural analysis of the Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 (NHE1) using the divide and conquer approach. This paper is one of a selection of papers published in a Special Issue entitled CSBMCB 53rd Annual Meeting "Membrane Proteins in Health and Disease, and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2011, 89, 189-199.	0.9	24
65	Elevated expression of activated Na <sup>+</sup> /H <sup>+</sup> exchanger protein induces hypertrophy in isolated rat neonatal ventricular cardiomyocytes. Molecular and Cellular Biochemistry, 2011, 358, 179-187.	1.4	13
66	Activated NHE1 is required to induce early cardiac hypertrophy in mice. Basic Research in Cardiology, 2011, 106, 603-616.	2.5	45
67	B-Raf Associates with and Activates the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. Journal of Biological Chemistry, 2011, 286, 13096-13105.	1.6	33
68	Overexpression of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger causes elevated apoptosis in isolated cardiomyocytes after hypoxia/reoxygenation challenge. Molecular and Cellular Biochemistry, 2010, 338, 47-57.	1.4	18
69	Elevated myocardial Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 activity elicits gene expression that leads to cardiac hypertrophy. Physiological Genomics, 2010, 42, 374-383.	1.0	43
70	Structural and Functional Analysis of Transmembrane Segment VI of the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. Journal of Biological Chemistry, 2010, 285, 36656-36665.	1.6	31
71	Na <sup>+</sup> /H <sup>+</sup> exchanger-1: a link with atherogenesis?. Expert Opinion on Investigational Drugs, 2010, 19, 1545-1556.	1.9	10
72	Correlating structure, dynamics, and function in transmembrane segment VII of the Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 94-104.	1.4	9

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73	Sustained intracellular acidosis activates the myocardial Na <sup>+</sup> /H <sup>+</sup> exchanger independent of amino acid Ser703 and p90rsk. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1565-1576.	1.4	18
74	Structural and Functional Analysis of Transmembrane XI of the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. <i>Journal of Biological Chemistry</i> , 2009, 284, 11546-11556.	1.6	29
75	Phenylephrine and sustained acidosis activate the neonatal rat cardiomyocyte Na <sup>+</sup> /H <sup>+</sup> exchanger through phosphorylation of amino acids Ser <sup>770</sup> and Ser <sup>771</sup> . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H846-H858.	1.5	38
76	Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 facilitates cardiomyocyte embryonic stem cell differentiation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H159-H170.	1.5	37
77	Proline 146 is critical to the structure, function and targeting of sod2, the Na <sup>+</sup> /H <sup>+</sup> exchanger of <i>Schizosaccharomyces pombe</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 983-992.	1.4	15
78	Structural and functional analysis of extracellular loop 2 of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 2481-2488.	1.4	15
79	Regulation of the Na <sup>+</sup> /H <sup>+</sup> exchanger in the healthy and diseased myocardium. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 55-68.	1.5	79
80	Expression, purification, and reconstitution of the Na <sup>+</sup> /H <sup>+</sup> exchanger sod2 in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biochemistry</i> , 2008, 319, 79-86.	1.4	7
81	Molecular biology of the myocardial Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 228-237.	0.9	79
82	Diastolic calcium is elevated in metabolic recovery of cardiomyocytes expressing elevated levels of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008, 86, 850-859.	0.7	8
83	Dimeric Structure of Human Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1 Overproduced in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 4145-4154.	1.6	39
84	Structural and Functional Characterization of Transmembrane Segment IX of the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. <i>Journal of Biological Chemistry</i> , 2008, 283, 22018-22030.	1.6	33
85	Apoptosis-induced alkalinization by the Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 is mediated through phosphorylation of amino acids Ser726 and Ser729. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C883-C896.	2.1	30
86	Structure and function of the human Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1. <i>Channels</i> , 2008, 2, 329-336.	1.5	53
87	Mitogen-activated Protein Kinase-dependent Activation of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Is Mediated through Phosphorylation of Amino Acids Ser770 and Ser771. <i>Journal of Biological Chemistry</i> , 2007, 282, 6292-6299.	1.6	73
88	Overexpression of the Na <sup>+</sup> /H <sup>+</sup> exchanger and ischemia-reperfusion injury in the myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2237-H2247.	1.5	41
89	Structural and functional analysis of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochemical Journal</i> , 2007, 401, 623-633.	1.7	216
90	Mutational analysis of potential pore-lining amino acids in TM IV of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2882-2889.	1.4	13

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91	Functional characterization of the transmembrane segment VII of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger This paper is one of a selection of papers published in this Special Issue, entitled The Cellular and Molecular Basis of Cardiovascular Dysfunction, Dhalla 70th Birthday Tribute.. Canadian Journal of Physiology and Pharmacology, 2007, 85, 319-325.	0.7	10
92	Expression and characterization of the Na <sup>+</sup> /H <sup>+</sup> exchanger in the mammalian myocardium. Molecular and Cellular Biochemistry, 2007, 302, 145-155.	1.4	18
93	Physiological role and regulation of the Na <sup>+</sup> /H <sup>+</sup> exchanger. Canadian Journal of Physiology and Pharmacology, 2006, 84, 1081-1095.	0.7	198
94	A Novel Carbonic Anhydrase II Binding Site Regulates NHE1 Activity. Biochemistry, 2006, 45, 2414-2424.	1.2	95
95	Structural and Functional Characterization of Transmembrane Segment VII of the Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1. Journal of Biological Chemistry, 2006, 281, 29817-29829.	1.6	63
96	Strategies for dealing with conformational sampling in structural calculations of flexible or kinked transmembrane peptides This paper is one of a selection of papers published in this Special Issue, entitled CSBMCB " Membrane Proteins in Health and Disease.. Biochemistry and Cell Biology, 2006, 84, 918-929.	0.9	16
97	MET meet adaptors: Functional and structural implications in downstream signalling mediated by the Met receptor. Molecular and Cellular Biochemistry, 2005, 276, 149-157.	1.4	48
98	Functional expression and cellular localization of the Na <sup>+</sup> /H <sup>+</sup> exchanger Sod2 of the fission yeast Schizosaccharomyces pombe. Canadian Journal of Physiology and Pharmacology, 2005, 83, 565-572.	0.7	9
99	Structural and Functional Characterization of Transmembrane Segment IV of the NHE1 Isoform of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. Journal of Biological Chemistry, 2005, 280, 17863-17872.	1.6	87
100	Protein Phosphatase Regulation of Na <sup>+</sup> /H <sup>+</sup> Exchanger Isoform 1. Biochemistry, 2005, 44, 5842-5852.	1.2	32
101	Nanoliter Sample Handling Combined with Microspot MALDI-MS for Detection of Gel-Separated Phosphoproteins. Journal of Proteome Research, 2005, 4, 515-522.	1.8	19
102	The Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1. International Journal of Biochemistry and Cell Biology, 2005, 37, 33-37.	1.2	113
103	The cardiac Na-H exchanger: a key downstream mediator for the cellular hypertrophic effects of paracrine, autocrine and hormonal factors. Biochemistry and Cell Biology, 2004, 82, 626-635.	0.9	44
104	Regulation of Expression of the Na <sup>+</sup> /H <sup>+</sup> Exchanger by Thyroid Hormone. Vitamins and Hormones, 2004, 69, 249-269.	0.7	10
105	Proline residues in transmembrane segment IV are critical for activity, expression and targeting of the Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1. Biochemical Journal, 2004, 379, 31-38.	1.7	76
106	Open Tubular Immobilized Metal Ion Affinity Chromatography Combined with MALDI MS and MS/MS for Identification of Protein Phosphorylation Sites. Analytical Chemistry, 2004, 76, 4223-4232.	3.2	166
107	Functional Analysis of Acidic Amino Acids in the Cytosolic Tail of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. Biochemistry, 2004, 43, 16477-16486.	1.2	34
108	Functional analysis of amino acids of the Na <sup>+</sup> /H <sup>+</sup> exchanger that are important for proton translocation. Molecular and Cellular Biochemistry, 2003, 254, 117-124.	1.4	20



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109	Transcriptional regulation of Na <sup>+</sup> /H <sup>+</sup> exchanger expression in the intact mouse. <i>Molecular and Cellular Biochemistry</i> , 2003, 243, 87-95.	1.4	16
110	The Na <sup>+</sup> /H <sup>+</sup> Exchanger Cytoplasmic Tail: Structure, Function, and Interactions with Tescalcin. <i>Biochemistry</i> , 2003, 42, 7448-7456.	1.2	59
111	Aldosterone Increases NHE-1 Expression and Induces NHE-1-Dependent Hypertrophy in Neonatal Rat Ventricular Myocytes. <i>Hypertension</i> , 2003, 42, 1171-1176.	1.3	104
112	Thyroid Hormone Receptor $\beta$ 1 Regulates Expression of the Na <sup>+</sup> /H <sup>+</sup> Exchanger (NHE1). <i>Journal of Biological Chemistry</i> , 2002, 277, 28656-28662.	1.6	25
113	Carbonic Anhydrase II Binds to and Enhances Activity of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. <i>Journal of Biological Chemistry</i> , 2002, 277, 36085-36091.	1.6	181
114	Structure and function of the NHE1 isoform of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Biochemistry and Cell Biology</i> , 2002, 80, 499-508.	0.9	62
115	H <sub>2</sub> O <sub>2</sub> -induced Ca <sup>2+</sup> overload in NRVM involves ERK1/2 MAP kinases: role for an NHE-1-dependent pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H598-H605.	1.5	89
116	Properties of the Na <sup>+</sup> /H <sup>+</sup> exchanger protein. <i>FEBS Journal</i> , 2002, 269, 4887-4895.	0.2	44
117	Functional Analysis of Polar Residues Important for Activity of Na <sup>+</sup> /H <sup>+</sup> Exchangers. <i>Annals of the New York Academy of Sciences</i> , 2002, 976, 117-120.	1.8	4
118	Differential MAP kinase activation and Na <sup>+</sup> /H <sup>+</sup> exchanger phosphorylation by H <sub>2</sub> O <sub>2</sub> in rat cardiac myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1542-C1550.	2.1	72
119	Functional role of polar amino acid residues in Na <sup>+</sup> /H <sup>+</sup> exchangers. <i>Biochemical Journal</i> , 2001, 357, 1.	1.7	44
120	Functional role of polar amino acid residues in Na <sup>+</sup> /H <sup>+</sup> exchangers. <i>Biochemical Journal</i> , 2001, 357, 1-10.	1.7	65
121	Regulation of myocardial Na <sup>+</sup> /H <sup>+</sup> exchanger activity. <i>Basic Research in Cardiology</i> , 2001, 96, 301-305.	2.5	54
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