Peter A Friedman

List of Publications by Year
in descending order

79 papers	3,487 citations	126907 33 h-index	144013 57 g-index
83 all docs	83 docs citations	83 times ranked	3168 citing authors

#	Article	IF	Citations
1	RGS14 regulates PTH- and FGF23-sensitive NPT2A-mediated renal phosphate uptake via binding to the NHERF1 scaffolding protein. Journal of Biological Chemistry, 2022, 298, 101836.	3.4	9
2	Structural pharmacology of PTH and PTHrP. Vitamins and Hormones, 2022, , 1-21.	1.7	2
3	Genetic Variants Associated With Mineral Metabolism Traits in Chronic Kidney Disease. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3866-e3876.	3.6	3
4	Noncanonical Sequences Involving NHERF1 Interaction with NPT2A Govern Hormone-Regulated Phosphate Transport: Binding Outside the Box. International Journal of Molecular Sciences, 2021, 22, 1087.	4.1	5
5	ACE2 interaction with cytoplasmic PDZ protein enhances SARS-CoV-2 invasion. IScience, 2021, 24, 102770.	4.1	18
6	Multisite NHERF1 phosphorylation controls GRK6A regulation of hormone-sensitive phosphate transport. Journal of Biological Chemistry, 2021, 296, 100473.	3.4	6
7	Receptor-Loaded Virion Endangers GPCR Signaling: Mechanistic Exploration of SARS-CoV-2 Infections and Pharmacological Implications. International Journal of Molecular Sciences, 2021, 22, 10963.	4.1	4
8	Parathyroid hormone and parathyroid hormoneâ€“related protein actions on bone and kidney. , 2020, , 645-689.		1
9	PTH and PTHrP Actions on Bone. Handbook of Experimental Pharmacology, 2020, 262, 27-45.	1.8	10
10	MINDIN secretion by prostate tumors induces premetastatic changes in bone via Î²-catenin. Endocrine-Related Cancer, 2020, 27, 441-456.	3.1	3
11	NHERF1 is Required for Localization of PMCA2 and Suppression of Early Involution in the Female Lactating Mammary Gland. Endocrinology, 2019, 160, 1797-1810.	2.8	8
12	Dynamic structure of the full-length scaffolding protein NHERF1 influences signaling complex assembly. Journal of Biological Chemistry, 2019, 294, 11297-11310.	3.4	7
13	1,25-Dihydroxyvitamin D Maintains Brush Border Membrane NaPi2a and Attenuates Phosphaturia in Hyp Mice. Endocrinology, 2019, 160, 2204-2214.	2.8	11
14	Parathyroid hormone initiates dynamic NHERF1 phosphorylation cycling and conformational changes that regulate NPT2A-dependent phosphate transport. Journal of Biological Chemistry, 2019, 294, 4546-4571.	3.4	22
15	Parallel Post-Translational Modification Scanning Enhancing Hydrogenâ€“Deuterium Exchange-Mass Spectrometry Coverage of Key Structural Regions. Analytical Chemistry, 2019, 91, 6976-6980.	6.5	10
16	Inhibition of ezrin causes PKCÎ±-mediated internalization of erbb2/HER2 tyrosine kinase in breast cancer cells. Journal of Biological Chemistry, 2019, 294, 887-901.	3.4	30
17	Site-specific polyubiquitination differentially regulates parathyroid hormone receptorâ€“initiated MAPK signaling and cell proliferation. Journal of Biological Chemistry, 2018, 293, 5556-5571.	3.4	16
18	Molecular Biology of Parathyroid Hormone. , 2018, , 523-537.		0

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19	Oxidation inhibits PTH receptor signaling and trafficking. Biochemical and Biophysical Research Communications, 2017, 482, 1019-1024.	2.1	12
20	The scaffolding protein NHERF1 regulates the stability and activity of the tyrosine kinase HER2. Journal of Biological Chemistry, 2017, 292, 6555-6568.	3.4	21
21	Origins of PDZ Binding Specificity. A Computational and Experimental Study Using NHERF1 and the Parathyroid Hormone Receptor. Biochemistry, 2017, 56, 2584-2593.	2.5	11
22	GPCR Signaling and Trafficking: The Long and Short of It. Trends in Endocrinology and Metabolism, 2017, 28, 213-226.	7.1	154
23	Identification of adenylyl cyclase isoforms mediating parathyroid hormone- and calcitonin-stimulated cyclic AMP accumulation in distal tubule cells. BMC Nephrology, 2017, 18, 292.	1.8	2
24	Bone Canopies in Pediatric Renal Osteodystrophy. PLoS ONE, 2016, 11, e0152871.	2.5	5
25	The PDZ Protein Na+/H+ Exchanger Regulatory Factor-1 (NHERF1) Regulates Planar Cell Polarity and Motile Cilia Organization. PLoS ONE, 2016, 11, e0153144.	2.5	14
26	Actin-Sorting Nexin 27 (SNX27)-Retromer Complex Mediates Rapid Parathyroid Hormone Receptor Recycling. Journal of Biological Chemistry, 2016, 291, 10986-11002.	3.4	56
27	Convergent Signaling Pathways Regulate Parathyroid Hormone and Fibroblast Growth Factor-23 Action on NPT2A-mediated Phosphate Transport. Journal of Biological Chemistry, 2016, 291, 18632-18642.	3.4	31
28	Binding of EBP50 to Nox organizing subunit p47phox is pivotal to cellular reactive species generation and altered vascular phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5308-E5317.	7.1	29
29	PMCA2 regulates HER2 protein kinase localization and signaling and promotes HER2-mediated breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E282-90.	7.1	70
30	Canonical and Noncanonical Sites Determine NPT2A Binding Selectivity to NHERF1 PDZ1. PLoS ONE, 2015, 10, e0129554.	2.5	16
31	Phosphorylation of Ezrin-Radixin-Moesin-binding Phosphoprotein 50 (EBP50) by Akt Promotes Stability and Mitogenic Function of S-phase Kinase-associated Protein-2 (Skp2). Journal of Biological Chemistry, 2015, 290, 2879-2887.	3.4	17
32	Drug Transporters and Na⁺/H⁺ Exchange Regulatory Factor PSD-95/Drosophila Discs Large/ZO-1 Proteins. Pharmacological Reviews, 2015, 67, 656-680.	16.0	17
33	Regulation of Hormone-Sensitive Renal Phosphate Transport. Vitamins and Hormones, 2015, 98, 249-306.	1.7	16
34	Decreased Conversion of 25-hydroxyvitamin D3 to 24,25-dihydroxyvitamin D3 Following Cholecalciferol Therapy in Patients with CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1965-1973.	4.5	40
35	Minireview: Ubiquitination-regulated G Protein-Coupled Receptor Signaling and Trafficking. Molecular Endocrinology, 2013, 27, 558-572.	3.7	54
36	NHERF1 regulation of PTH-dependent bimodal Pi transport in osteoblasts. Bone, 2013, 52, 268-277.	2.9	28

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37	Na+/H+ Exchanger Regulatory Factor 1 (NHERF1) Directly Regulates Osteogenesis. Journal of Biological Chemistry, 2012, 287, 43312-43321.	3.4	25
38	Ezrin-anchored Protein Kinase A Coordinates Phosphorylation-dependent Disassembly of a NHERF1 Ternary Complex to Regulate Hormone-sensitive Phosphate Transport. Journal of Biological Chemistry, 2012, 287, 24148-24163.	3.4	44
39	Structural Basis for NHERF1 PDZ Domain Binding. Biochemistry, 2012, 51, 3110-3120.	2.5	33
40	Role of PDZ Proteins in Regulating Trafficking, Signaling, and Function of GPCRs: Means, Motif, and Opportunity. Advances in Pharmacology, 2011, 62, 279-314.	2.0	139
41	Molecular basis of parathyroid hormone receptor signaling and trafficking: a family B GPCR paradigm. Cellular and Molecular Life Sciences, 2011, 68, 1-13.	5.4	117
42	A naturally occurring isoform inhibits parathyroid hormone receptor trafficking and signaling. Journal of Bone and Mineral Research, 2011, 26, 143-155.	2.8	11
43	Ubiquitination-deubiquitination balance dictates ligand-stimulated PTHR sorting. Journal of Bone and Mineral Research, 2011, 26, 2923-2934.	2.8	22
44	Regulation of G Protein-Coupled Receptor Function by Na⁺/H⁺Exchange Regulatory Factors. Pharmacological Reviews, 2011, 63, 882-900.	16.0	91
45	Dynamic Na+-H+ Exchanger Regulatory Factor-1 Association and Dissociation Regulate Parathyroid Hormone Receptor Trafficking at Membrane Microdomains. Journal of Biological Chemistry, 2011, 286, 35020-35029.	3.4	27
46	Formation of a Ternary Complex among NHERF1, Î²-Arrestin, and Parathyroid Hormone Receptor. Journal of Biological Chemistry, 2010, 285, 30355-30362.	3.4	30
47	Na/H Exchanger Regulatory Factors Control Parathyroid Hormone Receptor Signaling by Facilitating Differential Activation of Gî± Protein Subunits. Journal of Biological Chemistry, 2010, 285, 26976-26986.	3.4	58
48	NHERF1 Regulates Parathyroid Hormone Receptor Desensitization: Interference with Î²-Arrestin Binding. Molecular Pharmacology, 2009, 75, 1189-1197.	2.3	64
49	Role of Phospholipase D in Parathyroid Hormone Type 1 Receptor Signaling and Trafficking. Molecular Endocrinology, 2009, 23, 2048-2059.	3.7	22
50	Thick ascending limb: the Na+:K+:2Clâ^' co-transporter, NKCC2, and the calcium-sensing receptor, CaSR. Pflugers Archiv European Journal of Physiology, 2009, 458, 61-76.	2.8	116
51	Differential effects of intermittent PTH(1â€“34) and PTH(7â€“34) on bone microarchitecture and aortic calcification in experimental renal failure. Bone, 2008, 43, 1022-1030.	2.9	53
52	Na/H Exchange Regulatory Factor 1, a Novel AKT-associating Protein, Regulates Extracellular Signal-regulated Kinase Signaling through a B-Rafâ€“Mediated Pathway. Molecular Biology of the Cell, 2008, 19, 1637-1645.	2.1	54
53	Regulation of Parathyroid Hormone Type 1 Receptor Dynamics, Traffic, and Signaling by the Na⁺/H⁺Exchanger Regulatory Factor-1 in Rat Osteosarcoma ROS 17/2.8 Cells. Molecular Endocrinology, 2008, 22, 1163-1170.	3.7	42
54	PTH and PTHrP Actions on Kidney and Bone. , 2008, , 665-712.		6

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55	NHERF-1 and the Cytoskeleton Regulate the Traffic and Membrane Dynamics of G Protein-coupled Receptors. Journal of Biological Chemistry, 2007, 282, 25076-25087.	3.4	74
56	NHERF1 Regulates Parathyroid Hormone Receptor Membrane Retention without Affecting Recycling. Journal of Biological Chemistry, 2007, 282, 36214-36222.	3.4	81
57	Extracellular signal-regulated kinase activation by parathyroid hormone in distal tubule cells. American Journal of Physiology - Renal Physiology, 2007, 292, F1028-F1034.	2.7	29
58	Î²-Arrestin-Dependent Parathyroid Hormone-Stimulated Extracellular Signal-Regulated Kinase Activation and Parathyroid Hormone Type 1 Receptor Internalization. Endocrinology, 2007, 148, 4073-4079.	2.8	38
59	PTH(1â€“84)/PTH(7â€“84): a balance of power. American Journal of Physiology - Renal Physiology, 2006, 290, F975-F984.	2.7	55
60	THE ASSOCIATION OF NHERF ADAPTOR PROTEINS WITH G PROTEINâ€“COUPLED RECEPTORS AND RECEPTOR TYROSINE KINASES. Annual Review of Physiology, 2006, 68, 491-505.	13.1	160
61	Parathyroid Hormone Receptor Trafficking Contributes to the Activation of Extracellular Signal-regulated Kinases but Is Not Required for Regulation of cAMP Signaling. Journal of Biological Chemistry, 2005, 280, 11281-11288.	3.4	65
62	Ligand-Selective Dissociation of Activation and Internalization of the Parathyroid Hormone (PTH) Receptor: Conditional Efficacy of PTH Peptide Fragments. Endocrinology, 2004, 145, 2815-2823.	2.8	87
63	PTH revisited11This paper is dedicated to Professor Thomas E. Andreoli. PigmÃ¦i gigantum humeris impositi plusquam ipsi gigantes vident.22Original studies were supported by National Institutes of Health grant DK-54171.. Kidney International, 2004, 66, S13-S19.	5.2	17
64	Activation-independent Parathyroid Hormone Receptor Internalization Is Regulated by NHERF1 (EBP50). Journal of Biological Chemistry, 2003, 278, 43787-43796.	3.4	153
65	Calcium-sensing receptor regulation of PTH-inhibitable proximal tubule phosphate transport. American Journal of Physiology - Renal Physiology, 2003, 285, F1233-F1243.	2.7	126
66	Calcium-sensing receptor regulation of PTH-dependent calcium absorption by mouse cortical ascending limbs. American Journal of Physiology - Renal Physiology, 2002, 283, F399-F406.	2.7	81
67	Parathyroid hormoneâ€related protein and its receptors: nuclear functions and roles in the renal and cardiovascular systems, the placental trophoblasts and the pancreatic islets. British Journal of Pharmacology, 2001, 134, 1113-1136.	5.4	168
68	Mechanisms of Renal Calcium Transport. Nephron Experimental Nephrology, 2000, 8, 343-350.	2.2	67
69	Obligate Mitogen-Activated Protein Kinase Activation in Parathyroid Hormone Stimulation of Calcium Transport But Not Calcium Signaling¹. Endocrinology, 2000, 141, 4185-4193.	2.8	29
70	Obligate Mitogen-Activated Protein Kinase Activation in Parathyroid Hormone Stimulation of Calcium Transport But Not Calcium Signaling. Endocrinology, 2000, 141, 4185-4193.	2.8	6
71	Cell-Specific Signaling and Structure-Activity Relations of Parathyroid Hormone Analogs in Mouse Kidney Cells**This work was supported by NIH Grant R01-DK-54171 and an American Society of Nephrology Career Enhancement Award.. Endocrinology, 1999, 140, 301-309.	2.8	69
72	Victory at C. Nature Medicine, 1999, 5, 620-621.	30.7	34

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73	Calcium transport in the kidney. Current Opinion in Nephrology and Hypertension, 1999, 8, 589-595.	2.0	48
74	Cell-Specific Signaling and Structure-Activity Relations of Parathyroid Hormone Analogs in Mouse Kidney Cells. Endocrinology, 1999, 140, 301-309.	2.8	21
75	Na+-Phosphate Cotransport in Mouse Distal Convoluted Tubule Cells: Evidence for Glvr-1 and Ram-1 Gene Expression. Journal of Bone and Mineral Research, 1998, 13, 590-597.	2.8	34
76	CODEPENDENCE OF RENAL CALCIUM AND SODIUM TRANSPORT. Annual Review of Physiology, 1998, 60, 179-197.	13.1	137
77	Na+/Ca2+ exchange in rat osteoblast-like UMR 106 cells. Journal of Bone and Mineral Research, 1996, 11, 1666-1675.	2.8	14
78	Activation of latent Ca2+ channels in renal epithelial cells by parathyroid hormone. Nature, 1990, 347, 388-391.	27.8	171
79	Stimulation by parathyroid hormone of calcium absorption in confluent Madin-Darby canine kidney cells. Journal of Cellular Physiology, 1989, 139, 83-92.	4.1	9