

Abdul B Abou-Samra

List of Publications by Year in descending order

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81
papers

3,384
citations

136940

32
h-index

144002

57
g-index

83
all docs

83
docs citations

83
times ranked

3697
citing authors

#	ARTICLE	IF	CITATIONS
1	PTH and PTHrP signaling in osteoblasts. <i>Cellular Signalling</i> , 2009, 21, 1245-1254.	3.6	256
2	Elevated circulating lipasin/betatrophin in human type 2 diabetes and obesity. <i>Scientific Reports</i> , 2014, 4, 5013.	3.3	204
3	Effect of intensive lifestyle intervention on bodyweight and glycaemia in early type 2 diabetes (DIADEM-I): an open-label, parallel-group, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 477-489.	11.4	181
4	Activation-independent Parathyroid Hormone Receptor Internalization Is Regulated by NHERF1 (EBP50). <i>Journal of Biological Chemistry</i> , 2003, 278, 43787-43796.	3.4	153
5	Characterization of Three Corticotropin-releasing Factor Receptors in Catfish: A Novel Third Receptor Is Predominantly Expressed in Pituitary and Urophysis* The nucleotide sequences reported in this paper have been submitted to the GenBank database with accession numbers cfCRF-R1, AF229359; cfCRF-R2, AF229360; and cfCRF-R3, AF229361. This work was supported by NIDDK Grant 45020â€œ04A1 from the NIH. <i>Endocrinology</i> , 2001, 142, 446-454.	2.8	132
6	Lipasin, thermoregulated in brown fat, is a novel but atypical member of the angiopoietin-like protein family. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 1126-1131.	2.1	118
7	Emerging roles of Lipasin as a critical lipid regulator. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 401-405.	2.1	118
8	Mutations in the Second Cytoplasmic Loop of the Rat Parathyroid Hormone (PTH)/PTH-related Protein Receptor Result in Selective Loss of PTH-stimulated Phospholipase C Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 6882-6889.	3.4	115
9	Parathyroid hormone-related peptide as an endogenous inducer of parietal endoderm differentiation.. <i>Journal of Cell Biology</i> , 1993, 120, 235-243.	5.2	106
10	In situ localization of PTH/PTHrP receptor mRNA in the bone of fetal and young rats. <i>Bone</i> , 1993, 14, 341-345.	2.9	100
11	Direct-Acting Antiviral Therapy for HCV Infection Is Associated With a Reduced Risk of Cardiovascular Disease Events. <i>Gastroenterology</i> , 2019, 156, 987-996.e8.	1.3	100
12	Truncation of the Carboxyl-terminal Region of the Rat Parathyroid Hormone (PTH)/PTH-related Peptide Receptor Enhances PTH Stimulation of Adenylyl Cyclase but Not Phospholipase C. <i>Journal of Biological Chemistry</i> , 1995, 270, 8458-8465.	3.4	94
13	A dual role of lipasin (betatrophin) in lipid metabolism and glucose homeostasis: consensus and controversy. <i>Cardiovascular Diabetology</i> , 2014, 13, 133.	6.8	90
14	Expression pattern of parathyroid hormone/parathyroid hormone related peptide receptor mRNA in mouse postimplantation embryos indicates involvement in multiple developmental processes. <i>Mechanisms of Development</i> , 1994, 47, 29-42.	1.7	78
15	Tissue-Specific Transcription Start Sites and Alternative Splicing of the Parathyroid Hormone (PTH)/PTH-Related Peptide (PTHrP) Receptor Gene: A New PTH/PTHrP Receptor Splice Variant that Lacks the Signal Peptide*. <i>Endocrinology</i> , 1997, 138, 1742-1749.	2.8	78
16	The â€œthriftâ€ gene encoding Ahsg/Fetuin-A meets the insulin receptor: Insights into the mechanism of insulin resistance. <i>Cellular Signalling</i> , 2011, 23, 980-990.	3.6	77
17	Phosphorylation of the Receptor for PTH and PTHrP Is Required for Internalization and Regulates Receptor Signaling. <i>Molecular Endocrinology</i> , 2002, 16, 1-13.	3.7	72
18	A lipasin/Angptl8 monoclonal antibody lowers mouse serum triglycerides involving increased postprandial activity of the cardiac lipoprotein lipase. <i>Scientific Reports</i> , 2016, 5, 18502.	3.3	72

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19	Critical role of parathyroid hormone (PTH) receptor-1 phosphorylation in regulating acute responses to PTH. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5864-5869.	7.1	65
20	NHERF1 Regulates Parathyroid Hormone Receptor Desensitization: Interference with \hat{I}^2 -Arrestin Binding. Molecular Pharmacology, 2009, 75, 1189-1197.	2.3	64
21	Characterization of Three Corticotropin-Releasing Factor Receptors in Catfish: A Novel Third Receptor Is Predominantly Expressed in Pituitary and Urophysis. Endocrinology, 2001, 142, 446-454.	2.8	52
22	Distinct roles for mitogen-activated protein kinase phosphatase-1 (MKP-1) and ERK-MAPK in PTH1R signaling during osteoblast proliferation and differentiation. Cellular Signalling, 2010, 22, 457-466.	3.6	51
23	Increased Interaction With Insulin Receptor Substrate 1, a Novel Abnormality in Insulin Resistance and Type 2 Diabetes. Diabetes, 2014, 63, 1933-1947.	0.6	51
24	Relationship of vitamin D and parathyroid hormone with obesity and body composition in African Americans. Clinical Endocrinology, 2010, 72, 595-603.	2.4	49
25	SARS-CoV-2 vaccine effectiveness in preventing confirmed infection in pregnant women. Journal of Clinical Investigation, 2021, 131, .	8.2	49
26	Ahsg-fetuin blocks the metabolic arm of insulin action through its interaction with the 95-kD \hat{I}^2 -subunit of the insulin receptor. Cellular Signalling, 2013, 25, 981-988.	3.6	43
27	Agonist-Dependent Phosphorylation of the Parathyroid Hormone/Parathyroid Hormone-Related Peptide Receptor. Biochemistry, 1998, 37, 6240-6246.	2.5	42
28	The Alternatively Spliced Type II Corticotropin-Releasing Factor Receptor, Stably Expressed in LLCPK-1 Cells, Is Not Well Coupled to the G Protein(s). Biochemical and Biophysical Research Communications, 1995, 212, 1015-1021.	2.1	38
29	Sauvagine Cross-links to the Second Extracellular Loop of the Corticotropin-releasing Factor Type 1 Receptor. Journal of Biological Chemistry, 2002, 277, 32558-32561.	3.4	38
30	Juxtamembrane Region of the Amino Terminus of the Corticotropin Releasing Factor Receptor Type 1 Is Important for Ligand Interaction. Biochemistry, 2001, 40, 1187-1195.	2.5	37
31	Impaired adaptation to repeated restraint and decreased response to cold in urocortin 1 knockout mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E259-E263.	3.5	35
32	Involvement of thyrotropin-releasing hormone receptor, somatostatin receptor subtype 2 and corticotropin-releasing hormone receptor type 1 in the control of chicken thyrotropin secretion. Molecular and Cellular Endocrinology, 2003, 203, 33-39.	3.2	33
33	Role of Asparagine-Linked Oligosaccharides in the Function of the Rat PTH/PTHrP Receptor. Biochemistry, 2000, 39, 6514-6520.	2.5	31
34	Important role for the V-type H ⁺ -ATPase and the Golgi apparatus in the recycling of PTH/PTHrP receptor. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E704-E710.	3.5	30
35	N-glycosylation of CRF receptor type 1 is important for its ligand-specific interaction. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E1015-E1021.	3.5	28
36	Beneficial Effects of Implementing Stroke Protocols Require Establishment of a Geographically Distinct Unit. Stroke, 2015, 46, 3494-3501.	2.0	28

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37	Measurement of 1,5-anhydroglucitol in blood and saliva: from non-targeted metabolomics to biochemical assay. <i>Journal of Translational Medicine</i> , 2016, 14, 140.	4.4	28
38	Chromosomal localization of the parathyroid hormone/parathyroid hormone-related protein receptor gene to human chromosome 3p21.1-p24.2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 1046-1048.	3.6	28
39	Impact of Impaired Receptor Internalization on Calcium Homeostasis in Knock-In Mice Expressing a Phosphorylation-Deficient Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor. <i>Endocrinology</i> , 2006, 147, 4674-4679.	2.8	26
40	Mitogen-activated protein kinase phosphatase 1 regulates bone mass, osteoblast gene expression, and responsiveness to parathyroid hormone. <i>Journal of Endocrinology</i> , 2011, 211, 145-156.	2.6	26
41	Tissue-Specific Transcription Start Sites and Alternative Splicing of the Parathyroid Hormone (PTH)/PTH-Related Peptide (PTHrP) Receptor Gene: A New PTH/PTHrP Receptor Splice Variant that Lacks the Signal Peptide. <i>Endocrinology</i> , 1997, 138, 1742-1749.	2.8	20
42	The transcription factors SP1 and MAZ regulate expression of the parathyroid hormone/parathyroid hormone-related peptide receptor gene. <i>Journal of Molecular Endocrinology</i> , 2000, 25, 309-319.	2.5	19
43	Role of PTH1R internalization in osteoblasts and bone mass using a phosphorylation-deficient knock-in mouse model. <i>Journal of Endocrinology</i> , 2010, 207, 355-365.	2.6	19
44	Alix (AIP1) is a vasopressin receptor (V2R)-interacting protein that increases lysosomal degradation of the V2R. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1303-F1313.	2.7	18
45	Phosphorylation of the Receptor for PTH and PTHrP Is Required for Internalization and Regulates Receptor Signaling. <i>Molecular Endocrinology</i> , 2002, 16, 1-13.	3.7	18
46	MKP1-dependent PTH modulation of bone matrix mineralization in female mice is osteoblast maturation stage specific and involves P-ERK and P-p38 MAPKs. <i>Journal of Endocrinology</i> , 2013, 216, 315-329.	2.6	17
47	Effects of 3T3 adipocytes on interleukin-6 expression and insulin signaling in L6 skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 13-18.	2.1	16
48	Metabolic profiling of pre-gestational and gestational diabetes mellitus identifies novel predictors of pre-term delivery. <i>Journal of Translational Medicine</i> , 2020, 18, 366.	4.4	14
49	Eliminating phosphorylation sites of the parathyroid hormone receptor type 1 differentially affects stimulation of phospholipase C and receptor internalization. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E665-E671.	3.5	13
50	Residue 17 of Sauvagine Cross-links to the First Transmembrane Domain of Corticotropin-releasing Factor Receptor 1 (CRFR1). <i>Journal of Biological Chemistry</i> , 2008, 283, 35644-35651.	3.4	13
51	Negative Regulation of Parathyroid Hormone (PTH)-Activated Phospholipase C by PTH/PTH-Related Peptide Receptor Phosphorylation and Protein Kinase A. <i>Endocrinology</i> , 2008, 149, 4016-4023.	2.8	13
52	Preparation and characterization of [N.alpha.-(4-azido-2-nitrophenyl)Ala ¹ ,Tyr ³⁶]-parathyroid hormone related peptide (1-36)amide: a high-affinity, partial agonist having high cross-linking efficiency with its receptor on ROS 17/2.8 cells. <i>Biochemistry</i> , 1990, 29, 6941-6946.	2.5	12
53	Parathyroid hormone receptor internalization is independent of protein kinase A and phospholipase C activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E545-E557.	3.5	12
54	DNAJB3 attenuates metabolic stress and promotes glucose uptake by eliciting Glut4 translocation. <i>Scientific Reports</i> , 2019, 9, 4772.	3.3	12

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55	Parathyroid hormone induces bone formation in phosphorylation-deficient PTHR1 knockin mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1183-E1188.	3.5	11
56	GnRH increases glucose transporter-1 expression and stimulates glucose uptake in the gonadotroph. <i>Journal of Endocrinology</i> , 2012, 212, 139-147.	2.6	11
57	Characterization of an Element within the Rat Parathyroid Hormone/Parathyroid Hormone-Related Peptide Receptor Gene Promoter That Enhances Expression in Osteoblastic Osteosarcoma 17/2.8 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 258, 336-340.	2.1	10
58	Low Urine Calcium Excretion in African American Patients with Primary Hyperparathyroidism. <i>Endocrine Practice</i> , 2011, 17, 867-872.	2.1	10
59	Macrophages Inhibit Insulin Signalling in Adipocytes: Role of Inducible Nitric Oxide Synthase and Nitric Oxide. <i>Canadian Journal of Diabetes</i> , 2015, 39, 36-43.	0.8	9
60	Kinome Profiling Reveals Abnormal Activity of Kinases in Skeletal Muscle From Adults With Obesity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 644-659.	3.6	9
61	Epitope Tag Mapping of the Extracellular and Cytoplasmic Domains of the Rat Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor**This work was supported by the NIDDK, NIH (Grant DK-11794â€“26).. <i>Endocrinology</i> , 1998, 139, 4563-4567.	2.8	8
62	apoA2 correlates to gestational age with decreased apolipoproteins A2, C1, C3 and E in gestational diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001925.	2.8	7
63	Solubilization of functional receptors for parathyroid hormone and parathyroid hormone-related peptide from clonal rat osteosarcoma cells, ROS17/2.8. <i>Calcified Tissue International</i> , 1992, 51, 382-386.	3.1	6
64	Glucose Control and Lipid Metabolism in African American Patients with Type 2 Diabetes Mellitus and Chronic Hepatitis C Viral Infection. <i>Endocrine Practice</i> , 2011, 17, 363-368.	2.1	6
65	Nrac, a Novel Nutritionally-Regulated Adipose and Cardiac-Enriched Gene. <i>PLoS ONE</i> , 2012, 7, e46254.	2.5	6
66	An oxidation resistant radioligand for corticotropin-releasing factor receptors. <i>Peptides</i> , 2001, 22, 1055-1061.	2.4	5
67	The metabolic footprint of compromised insulin sensitivity under fasting and hyperinsulinemic-euglycemic clamp conditions in an Arab population. <i>Scientific Reports</i> , 2020, 10, 17164.	3.3	5
68	Regulation of circulating CTRP-2/CTRP-9 and GDF-8/GDF-15 by intralipids and insulin in healthy control and polycystic ovary syndrome women following chronic exercise training. <i>Lipids in Health and Disease</i> , 2021, 20, 34.	3.0	5
69	Metabolomic Profiling of Pregnancies With Polycystic Ovary Syndrome Identifies a Unique Metabolic Signature and Potential Predictive Biomarkers of Low Birth Weight. <i>Frontiers in Endocrinology</i> , 2021, 12, 638727.	3.5	5
70	Properties of amino-terminal parathyroid hormone-related peptides modified at positions 11â€“13. <i>Peptides</i> , 1990, 11, 1139-1142.	2.4	4
71	Protein Kinase C Regulates $\hat{\pm}$ _{2A/D} -Adrenoceptor Constitutive Activity. <i>Pharmacology</i> , 2004, 71, 80-90.	2.2	4
72	Insulin sensitivity variations in apparently healthy Arab male subjects: correlation with insulin and C peptide. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002039.	2.8	4

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73	Disruption of parathyroid hormone and parathyroid hormone-related peptide receptor phosphorylation prolongs ERK1/2 MAPK activation and enhances c-fos expression. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1363-E1372.	3.5	3
74	Altered Responses to Cold Environment in Urocortin 1 and Corticotropin-Releasing Factor Deficient Mice. Physiology Journal, 2013, 2013, 1-7.	0.4	2
75	Prediabetes and older age increase the risk of post-transplantation diabetes mellitus: Qatar experience. Clinical Transplantation, 2020, 34, e13892.	1.6	2
76	Structure-function studies with recombinant PTH/PTHrP receptors. Journal of Bone and Mineral Metabolism, 1994, 12, S169-S174.	2.7	1
77	Epitope Tag Mapping of the Extracellular and Cytoplasmic Domains of the Rat Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor. Endocrinology, 1998, 139, 4563-4567.	2.8	1
78	Parathyroid Hormone and Its Receptors. Advances in Organ Biology, 1998, 5, 161-185.	0.1	0
79	Novel Method in Performing PTH Washout for Localizing Parathyroid Adenoma: Case Report & an Institute Experience in Qatar. Journal of the Endocrine Society, 2021, 5, A265-A266.	0.2	0
80	Decreased mineralization and lack of cyclin D1 response to Parathyroid Hormone Related Peptide (PTHrP) in primary osteoblasts isolated from MKP4 knock out mice. FASEB Journal, 2010, 24, 858.1.	0.5	0
81	Feasibility study of the use of mobile health for diabetes management in Qatar poster. , 2018, , .		0