

# Michel Bernier

## List of Publications by Year in descending order

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172  
papers

10,821  
citations

50566

48  
h-index

40945

97  
g-index

181  
all docs

181  
docs citations

181  
times ranked

16079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deprogramming metabolism in pancreatic cancer with a bi-functional GPR55 inhibitor and biased $\hat{I}^2$ adrenergic agonist. <i>Scientific Reports</i> , 2022, 12, 3618.	1.6	3
2	Unraveling Pathways of Health and Lifespan with Integrated Multiomics Approaches. <i>Methods in Molecular Biology</i> , 2022, , 193-218.	0.4	1
3	Age-dependent impact of two exercise training regimens on genomic and metabolic remodeling in skeletal muscle and liver of male mice. , 2022, 8, .		6
4	Study of Longitudinal Aging in Mice: Presentation of Experimental Techniques. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 552-560.	1.7	33
5	The longevity gene <i>mIndy</i> (lâ€™™m Not Dead, Yet) affects blood pressure through sympathoadrenal mechanisms. <i>JCI Insight</i> , 2021, 6, .	2.3	17
6	A redox-mediated conformational change in NQO1 controls binding to microtubules and $\hat{I}^{\pm}$ -tubulin acetylation. <i>Redox Biology</i> , 2021, 39, 101840.	3.9	19
7	Intermittent fasting: from calories to time restriction. <i>GeroScience</i> , 2021, 43, 1083-1092.	2.1	48
8	A cross-sectional study of functional and metabolic changes during aging through the lifespan in male mice. <i>ELife</i> , 2021, 10, .	2.8	47
9	Deletion of the diabetes candidate gene <i>Slc16a13</i> in mice attenuates diet-induced ectopic lipid accumulation and insulin resistance. <i>Communications Biology</i> , 2021, 4, 826.	2.0	6
10	Empirical versus theoretical power and type I error (false-positive) rates estimated from real murine aging research data. <i>Cell Reports</i> , 2021, 36, 109560.	2.9	7
11	Fasting blood glucose as a predictor of mortality: Lost in translation. <i>Cell Metabolism</i> , 2021, 33, 2189-2200.e3.	7.2	29
12	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. <i>Nature Metabolism</i> , 2021, 3, 1342-1356.	5.1	34
13	Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. <i>Nature Communications</i> , 2021, 12, 6201.	5.8	57
14	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. <i>Nature Communications</i> , 2021, 12, 6463.	5.8	12
15	Metabolic remodelling of glucose, fatty acid and redox pathways in the heart of type 2 diabetic mice. <i>Journal of Physiology</i> , 2020, 598, 1393-1415.	1.3	34
16	Maternally expressed gene 3 in metabolic programming. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194396.	0.9	9
17	NQO1 protects obese mice through improvements in glucose and lipid metabolism. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 13.	4.5	20
18	Elucidating the mechanisms by which disulfiram protects against obesity and metabolic syndrome. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 8.	4.5	12

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19	A Glance Back at the Journal of Gerontology's Coffee, Dietary Interventions and Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2029-2030.	1.7	2
20	Perinatal diet influences health and survival in a mouse model of leukemia. GeroScience, 2020, 42, 1147-1155.	2.1	5
21	Untangling Determinants of Enhanced Health and Lifespan through a Multi-omics Approach in Mice. Cell Metabolism, 2020, 32, 100-116.e4.	7.2	85
22	Disulfiram Treatment Normalizes Body Weight in Obese Mice. Cell Metabolism, 2020, 32, 203-214.e4.	7.2	46
23	Combining a High Dose of Metformin With the SIRT1 Activator, SRT1720, Reduces Life Span in Aged Mice Fed a High-Fat Diet. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2037-2041.	1.7	15
24	The road ahead for health and lifespan interventions. Ageing Research Reviews, 2020, 59, 101037.	5.0	76
25	Deletion of Nrf2 shortens lifespan in C57BL/6J male mice but does not alter the health and survival benefits of caloric restriction. Free Radical Biology and Medicine, 2020, 152, 650-658.	1.3	21
26	Spontaneous chordoma: a case report on a female UM-HET3 mouse from the SLAM study. Aging Pathobiology and Therapeutics, 2020, 2, 219-222.	0.3	0
27	Benefits of Caloric Restriction in Longevity and Chemical-Induced Tumorigenesis Are Transmitted Independent of NQO1. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 155-162.	1.7	15
28	ADCK2 Haploinsufficiency Reduces Mitochondrial Lipid Oxidation and Causes Myopathy Associated with CoQ Deficiency. Journal of Clinical Medicine, 2019, 8, 1374.	1.0	27
29	Frailty index as a biomarker of lifespan and healthspan: Focus on pharmacological interventions. Mechanisms of Ageing and Development, 2019, 180, 42-48.	2.2	47
30	Daily Fasting Improves Health and Survival in Male Mice Independent of Diet Composition and Calories. Cell Metabolism, 2019, 29, 221-228.e3.	7.2	210
31	Of Aging Mice and Men: Gait Speed Decline Is a Translatable Trait, With Species-Specific Underlying Properties. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1413-1416.	1.7	29
32	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. Cell Metabolism, 2018, 27, 667-676.e4.	7.2	242
33	Intermittent mTOR Inhibition Reverses Kidney Aging in Old Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 843-844.	1.7	11
34	Skeletal muscle ex vivo mitochondrial respiration parallels decline in vivo oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. Aging Cell, 2018, 17, e12725.	3.0	101
35	Stereochemical and structural effects of (2R,6R)-hydroxynorketamine on the mitochondrial metabolome in PC-12 cells. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1505-1515.	1.1	11
36	ARA290, a small non-hematopoietic peptide derived from erythropoietin, prolongs healthspan and attenuates age-associated declines in cardiac function. Journal of Molecular and Cellular Cardiology, 2018, 124, 85-86.	0.9	0

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37	A time to fast. <i>Science</i> , 2018, 362, 770-775.	6.0	339
38	YoYo Dieting is Better than None. <i>Obesity</i> , 2018, 26, 1673-1673.	1.5	8
39	Overexpression of <i>CYB5R3</i> and <i>NQO1</i> , two <i>NAD<sup>+</sup></i> -producing enzymes, mimics aspects of caloric restriction. <i>Aging Cell</i> , 2018, 17, e12767.	3.0	32
40	Future directions of resveratrol research. <i>Nutrition and Healthy Aging</i> , 2018, 4, 287-290.	0.5	24
41	Coenzyme Q10 Supplementation in Aging and Disease. <i>Frontiers in Physiology</i> , 2018, 9, 44.	1.3	258
42	Redox modulation of <i>NQO1</i> . <i>PLoS ONE</i> , 2018, 13, e0190717.	1.1	31
43	The human longevity gene homolog <i>INDY</i> and interleukin-6 interact in hepatic lipid metabolism. <i>Hepatology</i> , 2017, 66, 616-630.	3.6	55
44	Influence of anaerobic and aerobic exercise on age-related pathways in skeletal muscle. <i>Ageing Research Reviews</i> , 2017, 37, 39-52.	5.0	16
45	Concurrent activation of $\beta_2$ -adrenergic receptor and blockage of <i>GPR55</i> disrupts pro-oncogenic signaling in glioma cells. <i>Cellular Signalling</i> , 2017, 36, 176-188.	1.7	12
46	<i>GPR55</i> receptor antagonist decreases glycolytic activity in PANC-1 pancreatic cancer cell line and tumor xenografts. <i>International Journal of Cancer</i> , 2017, 141, 2131-2142.	2.3	16
47	Health benefits of late-onset metformin treatment every other week in mice. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 16.	4.5	49
48	Hexokinases link DJ-1 to the <i>PINK1/parkin</i> pathway. <i>Molecular Neurodegeneration</i> , 2017, 12, 70.	4.4	40
49	Abstract 5055: Multiplatform metabolomics analysis of growth arrest in pancreatic tumor xenografts. , 2017, , .		0
50	Resveratrol supplementation confers neuroprotection in cortical brain tissue of nonhuman primates fed a high-fat/sucrose diet. <i>Aging</i> , 2016, 8, 899-916.	1.4	44
51	Amniotic Epithelial Cells: A New Tool to Combat Aging and Age-Related Diseases?. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 135.	1.8	20
52	Ketamine Metabolites Enantioselectively Decrease Intracellular D-Serine Concentrations in PC-12 Cells. <i>PLoS ONE</i> , 2016, 11, e0149499.	1.1	20
53	Cytochrome b5 reductase and the control of lipid metabolism and healthspan. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16006.	4.5	57
54	Pharmacological Strategies to Retard Cardiovascular Aging. <i>Circulation Research</i> , 2016, 118, 1626-1642.	2.0	64

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55	Selective GPR55 antagonism reduces chemoresistance in cancer cells. <i>Pharmacological Research</i> , 2016, 111, 757-766.	3.1	19
56	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 225-233.	1.3	28
57	Metformin-mediated increase in DICER1 regulates microRNA expression and cellular senescence. <i>Aging Cell</i> , 2016, 15, 572-581.	3.0	153
58	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
59	Metformin: A Hopeful Promise in Aging Research. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a025932.	2.9	116
60	Conditioned medium derived from rat amniotic epithelial cells confers protection against inflammation, cancer, and senescence. <i>Oncotarget</i> , 2016, 7, 39051-39064.	0.8	19
61	Enantioselective inhibition of D-serine transport by (S)-ketamine. <i>British Journal of Pharmacology</i> , 2015, 172, 4546-4559.	2.7	8
62	Reconsidering the Role of Mitochondria in Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1334-1342.	1.7	196
63	Resveratrol supplementation: Where are we now and where should we go?. <i>Ageing Research Reviews</i> , 2015, 21, 1-15.	5.0	193
64	SIRT1 Synchs Satellite Cell Metabolism with Stem Cell Fate. <i>Cell Stem Cell</i> , 2015, 16, 103-104.	5.2	8
65	miR-200c-SUMOylated KLF4 feedback loop acts as a switch in transcriptional programs that control VSMC proliferation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 201-212.	0.9	25
66	Activation of $\beta_2$ -adrenergic receptor by (R)-4-methoxy-1-naphthylfenoterol inhibits proliferation and motility of melanoma cells. <i>Cellular Signalling</i> , 2015, 27, 997-1007.	1.7	21
67	D-serine plasma concentration is a potential biomarker of (R,S)-ketamine antidepressant response in subjects with treatment-resistant depression. <i>Psychopharmacology</i> , 2015, 232, 399-409.	1.5	62
68	Caloric restriction induces heat shock response and inhibits B16F10 cell tumorigenesis both in vitro and in vivo. <i>Aging</i> , 2015, 7, 233-240.	1.4	6
69	Abstract 1172: (R)-4-Methoxy-1-naphthylfenoterol decreases glycolytic activity in the PANC-1 pancreatic cancer cell line. , 2015, , .		0
70	What is hydroxynorketamine and what can it bring to neurotherapeutics?. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 1239-1242.	1.4	35
71	The SIRT1 Activator SRT1720 Extends Lifespan and Improves Health of Mice Fed a Standard Diet. <i>Cell Reports</i> , 2014, 6, 836-843.	2.9	342
72	Membrane-Bound CYB5R3 Is a Common Effector of Nutritional and Oxidative Stress Response Through FOXO3a and Nrf2. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1708-1725.	2.5	41

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73	Resveratrol and Its Metabolites Bind to PPARs. <i>ChemBioChem</i> , 2014, 15, 1154-1160.	1.3	76
74	Tyrosine 308 Is Necessary for Ligand-directed Gs Protein-biased Signaling of $\beta^2$ -Adrenoceptor. <i>Journal of Biological Chemistry</i> , 2014, 289, 19351-19363.	1.6	37
75	Filamin A expression correlates with proliferation and invasive properties of human metastatic melanoma tumors: implications for survival in patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1913-1926.	1.2	33
76	Pyrrolidine dithiocarbamate protects pancreatic $\beta^2$ -cells from oxidative damage through regulation of FoxO1 activity in type 2 diabetes rats. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014, 46, 582-589.	0.9	12
77	(R,R')-4-methoxy-1-naphthylfenoterol targets GPR55-mediated ligand internalization and impairs cancer cell motility. <i>Biochemical Pharmacology</i> , 2014, 87, 547-561.	2.0	20
78	Resveratrol Prevents High Fat/Sucrose Diet-Induced Central Arterial Wall Inflammation and Stiffening in Nonhuman Primates. <i>Cell Metabolism</i> , 2014, 20, 183-190.	7.2	186
79	The Search for Antiaging Interventions: From Elixirs to Fasting Regimens. <i>Cell</i> , 2014, 157, 1515-1526.	13.5	302
80	<sc>SRT</sc> 2104 extends survival of male mice on a standard diet and preserves bone and muscle mass. <i>Aging Cell</i> , 2014, 13, 787-796.	3.0	208
81	(R,S)-Ketamine Metabolites (R,S)-norketamine and (2S,6S)-hydroxynorketamine Increase the Mammalian Target of Rapamycin Function. <i>Anesthesiology</i> , 2014, 121, 149-159.	1.3	96
82	Abstract 4535: Inhibition of cell proliferation by (R,R')-4-methoxy-1-naphthylfenoterol in breast cancer cell lines. , 2014, , .		0
83	Abstract 3680: (R,R')-4-methoxy-1-naphthylfenoterol inhibits pro-survival signaling, proliferation and motility of select human melanoma cell lines. , 2014, , .		0
84	Metformin improves healthspan and lifespan in mice. <i>Nature Communications</i> , 2013, 4, 2192.	5.8	1,118
85	Resveratrol Improves Adipose Insulin Signaling and Reduces the Inflammatory Response in Adipose Tissue of Rhesus Monkeys on High-Fat, High-Sugar Diet. <i>Cell Metabolism</i> , 2013, 18, 533-545.	7.2	212
86	Nicotinic acetylcholine receptor antagonists alter the function and expression of serine racemase in PC-12 and 1321N1 cells. <i>Cellular Signalling</i> , 2013, 25, 2634-2645.	1.7	26
87	Antitumor activity of (R,R')-4-methoxy-1-naphthylfenoterol in a rat C6 glioma xenograft model in the mouse. <i>Pharmacology Research and Perspectives</i> , 2013, 1, e00010.	1.1	12
88	The Biarylpyrazole Compound AM251 Alters Mitochondrial Physiology via Proteolytic Degradation of ERR $\alpha$ . <i>Molecular Pharmacology</i> , 2013, 83, 157-166.	1.0	8
89	Age-associated miRNA Alterations in Skeletal Muscle from Rhesus Monkeys reversed by caloric restriction. <i>Aging</i> , 2013, 5, 692-703.	1.4	104
90	Abstract 5516: (R,R')-4-methoxy-1-naphthylfenoterol Inhibits GPR55 signaling and the modulation of motility in human cancer cells.. , 2013, , .		0

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91	Abstract 5514: Antitumor activity of (R,R)-4-methoxy-1-naphthylfenoterol in a rat C6 glioma xenograft model in the mouse. , 2013, , .		0
92	Pyrrrolidine dithiocarbamate enhances hepatic glycogen synthesis and reduces FoxO1-mediated gene transcription in type 2 diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E409-E416.	1.8	12
93	Cannabinoid Receptor Activation Correlates with the Proapoptotic Action of the $\beta_2$ -Adrenergic Agonist (R,R)-4-Methoxy-1-Naphthylfenoterol in HepG2 Hepatocarcinoma Cells. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 157-166.	1.3	16
94	Oxidative lipid modification of nicastrin enhances amyloidogenic $\beta$ -secretase activity in Alzheimer's disease. Aging Cell, 2012, 11, 559-568.	3.0	81
95	Breast cancer resistance protein (BCRP/ABCG2) localises to the nucleus in glioblastoma multiforme cells. Xenobiotica, 2012, 42, 748-755.	0.5	48
96	A chemical cross-linking method for the analysis of binding partners of heat shock protein-90 in intact cells. BioTechniques, 2012, 52, 1-7.	0.8	39
97	Capillary electrophoresis-laser-induced fluorescence (CE-LIF) assay for measurement of intracellular d-serine and serine racemase activity. Analytical Biochemistry, 2012, 421, 460-466.	1.1	28
98	Negative Regulation of STAT3 Protein-mediated Cellular Respiration by SIRT1 Protein. Journal of Biological Chemistry, 2011, 286, 19270-19279.	1.6	115
99	S-Glutathionylation of Cysteine 99 in the APE1 Protein Impairs Abasic Endonuclease Activity. Journal of Molecular Biology, 2011, 414, 313-326.	2.0	28
100	The cannabinoid receptor inverse agonist AM251 regulates the expression of the EGF receptor and its ligands via destabilization of oestrogen-related receptor $\beta$ protein. British Journal of Pharmacology, 2011, 164, 1026-1040.	2.7	19
101	$\beta_2$ -Adrenergic Receptor Agonists Inhibit the Proliferation of 1321N1 Astrocytoma Cells. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 524-532.	1.3	37
102	Impact of Pyrrrolidine Dithiocarbamate and Interleukin-6 on Mammalian Target of Rapamycin Complex 1 Regulation and Global Protein Translation. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 905-913.	1.3	10
103	The orphan tyrosine kinase receptor, ROR2, mediates Wnt5A signaling in metastatic melanoma. Oncogene, 2010, 29, 34-44.	2.6	175
104	Kruppel-like Factor 4 Promotes Differentiation by Transforming Growth Factor- $\beta$ Receptor-mediated Smad and p38 MAPK Signaling in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2010, 285, 17846-17856.	1.6	83
105	Identification and characterization of estrogen receptor-related receptor alpha and gamma in human glioma and astrocytoma cells. Molecular and Cellular Endocrinology, 2010, 315, 314-318.	1.6	16
106	Activation of heat shock factor 1 plays a role in pyrrrolidine dithiocarbamate-mediated expression of the co-chaperone BAG3. International Journal of Biochemistry and Cell Biology, 2010, 42, 1856-1863.	1.2	27
107	Fat-Storing Multilocular Cells Expressing CCR5 Increase in the Thymus with Advancing Age: Potential Role for CCR5 Ligands on the Differentiation and Migration of Preadipocytes. International Journal of Medical Sciences, 2010, 7, 1-14.	1.1	17
108	Abstract 724: Selective $\beta_2$ -adrenergic receptor agonists inhibit the proliferation of 1321N1 astrocytoma cells. , 2010, , .		0

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109	KrÃ¼ppel-like Factor 4 Inhibits Proliferation by Platelet-derived Growth Factor Receptor Î²-mediated, Not by Retinoic Acid Receptor Î±-mediated, Phosphatidylinositol 3-Kinase and ERK Signaling in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 22773-22785.	1.6	43
110	Filamin A Modulates Kinase Activation and Intracellular Trafficking of Epidermal Growth Factor Receptors in Human Melanoma Cells. <i>Endocrinology</i> , 2009, 150, 2551-2560.	1.4	30
111	Exendin-4 Improves Glycemic Control, Ameliorates Brain and Pancreatic Pathologies, and Extends Survival in a Mouse Model of Huntington's Disease. <i>Diabetes</i> , 2009, 58, 318-328.	0.3	160
112	S-Glutathionylation Impairs Signal Transducer and Activator of Transcription 3 Activation and Signaling. <i>Endocrinology</i> , 2009, 150, 1122-1131.	1.4	114
113	Sensing the insulin signaling pathway with an antibody array. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1440-1450.	0.8	16
114	Wnt5A Activates the Calpain-Mediated Cleavage of Filamin A. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1782-1789.	0.3	64
115	Nuclear actin and actin-binding proteins in the regulation of transcription and gene expression. <i>FEBS Journal</i> , 2009, 276, 2669-2685.	2.2	135
116	Determination of free and protein-bound glutathione in HepG2 cells using capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2009, 1216, 3533-3537.	1.8	23
117	Initial synthesis and characterization of an immobilized heat shock protein 90 column for online determination of binding affinities. <i>Analytical Biochemistry</i> , 2008, 373, 313-321.	1.1	24
118	Ligand and Protein Fishing with Heat Shock Protein 90 Coated Magnetic Beads. <i>Analytical Chemistry</i> , 2008, 80, 7571-7575.	3.2	60
119	Initial Synthesis and Characterization of an Î±7 Nicotinic Receptor Cellular Membrane Affinity Chromatography Column: Effect of Receptor Subtype and Cell Type. <i>Analytical Chemistry</i> , 2008, 80, 48-54.	3.2	31
120	Characterization of a Multiple Ligand-Gated Ion Channel Cellular Membrane Affinity Chromatography Column and Identification of Endogenously Expressed Receptors in Astrocytoma Cell Lines. <i>Analytical Chemistry</i> , 2008, 80, 8673-8680.	3.2	19
121	Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15069-15074.	3.3	878
122	Ubiquitination is involved in glucose-mediated downregulation of GIP receptors in islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E538-E547.	1.8	63
123	Filamin A-mediated Down-regulation of the Exchange Factor Ras-GRF1 Correlates with Decreased Matrix Metalloproteinase-9 Expression in Human Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 14816-14826.	1.6	51
124	Adipogenic signaling in rat white adipose tissue: Modulation by aging and calorie restriction. <i>Experimental Gerontology</i> , 2007, 42, 733-744.	1.2	66
125	Pyrrrolidine Dithiocarbamate Inhibits Interleukin-6 Signaling through Impaired STAT3 Activation and Association with Transcriptional Coactivators in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 31369-31379.	1.6	33
126	Binding of Manumycin A Inhibits Î²B Kinase Î² Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 2551-2561.	1.6	41



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127	In Vivo Biological Activity of Exendin (1-30). <i>Endocrine</i> , 2005, 27, 001-010.	2.2	16
128	Triplex targeted genomic crosslinks enter separable deletion and base substitution pathways. <i>Nucleic Acids Research</i> , 2005, 33, 5382-5393.	6.5	35
129	The Roles of Phospholipase C- $\beta$ 1 and Actin-Binding Protein Filamin A in Signal Transduction of the Insulin Receptor. <i>Vitamins and Hormones</i> , 2004, 69, 221-247.	0.7	1
130	Circulating adiponectin levels increase in rats on caloric restriction: the potential for insulin sensitization. <i>Experimental Gerontology</i> , 2004, 39, 1049-1059.	1.2	157
131	The importance of the nine-amino acid C-terminal sequence of exendin-4 for binding to the GLP-1 receptor and for biological activity. <i>Regulatory Peptides</i> , 2003, 114, 153-158.	1.9	54
132	Interaction of Filamin A with the Insulin Receptor Alters Insulin-dependent Activation of the Mitogen-activated Protein Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 27096-27104.	1.6	58
133	Role of the pleckstrin homology domain of PLC $\beta$ 1 in its interaction with the insulin receptor. <i>Journal of Cell Biology</i> , 2003, 163, 375-384.	2.3	13
134	Wortmannin-Sensitive Pathway Is Required for Insulin-Stimulated Phosphorylation of Inhibitor $\beta$ 1. <i>Endocrinology</i> , 2002, 143, 375-385.	1.4	11
135	Insertion of an N-Terminal 6-Aminohexanoic Acid after the 7 Amino Acid Position of Glucagon-Like Peptide-1 Produces a Long-Acting Hypoglycemic Agent. <i>Endocrinology</i> , 2001, 142, 4462-4468.	1.4	28
136	Insulin regulation of a novel WD-40 repeat protein in adipocytes. <i>Journal of Endocrinology</i> , 2001, 168, 325-332.	1.2	15
137	Endocrine regulation of G-protein subunit production in an animal model of type 2 diabetes mellitus. <i>Journal of Endocrinology</i> , 2001, 168, 509-515.	1.2	6
138	Discrete region of the insulin receptor carboxyl terminus plays key role in insulin action. , 2000, 78, 160-169.		1
139	Akt-Dependent Antiapoptotic Action of Insulin Is Sensitive to Farnesyltransferase Inhibitor. <i>Biochemistry</i> , 2000, 39, 12513-12521.	1.2	22
140	Cysteine 981 of the Human Insulin Receptor Is Required for Covalent Cross-Linking between $\beta$ 2-Subunit and a Thiol-Reactive Membrane-Associated Protein. <i>Biochemistry</i> , 2000, 39, 7178-7187.	1.2	4
141	Modulation of CCAAT/Enhancer-Binding Protein- $\beta$ Gene Expression by Metabolic Signals in Rodent Adipocytes. <i>Endocrinology</i> , 1999, 140, 2938-2947.	1.4	11
142	Pancreatic Glucagon-Like Peptide-1 Receptor Couples to Multiple G Proteins and Activates Mitogen-Activated Protein Kinase Pathways in Chinese Hamster Ovary Cells*. <i>Endocrinology</i> , 1999, 140, 1132-1140.	1.4	182
143	Phosphatidylinositol 3-Kinase Requirement in Activation of the ras/C-raf-1/MEK/ERK and p70s6k Signaling Cascade by the Insulinomimetic Agent Vanadyl Sulfate. <i>Biochemistry</i> , 1999, 38, 14667-14675.	1.2	78
144	Reversible Change in Thiol Redox Status of the Insulin Receptor $\beta$ 2-Subunit in Intact Cells. <i>Biochemistry</i> , 1999, 38, 5896-5904.	1.2	21

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145	Antiapoptotic Signaling by the Insulin Receptor in Chinese Hamster Ovary Cells. <i>Biochemistry</i> , 1998, 37, 15747-15757.	1.2	46
146	Nucleotide Excision Repair Is Not Required for the Antiapoptotic Function of Insulin-like Growth Factor 1. <i>Experimental Cell Research</i> , 1998, 241, 458-466.	1.2	6
147	Involvement of the Ras/extracellular signal-regulated kinase signalling pathway in the regulation of ERCC-1 mRNA levels by insulin. <i>Biochemical Journal</i> , 1998, 331, 591-597.	1.7	33
148	Overexpression and Activation of the Insulin Receptor Enhances Expression of ERCC-1 Messenger Ribonucleic Acid in Cultured Cells. <i>Endocrinology</i> , 1997, 138, 1829-1835.	1.4	7
149	Regulation of glucose transporters and hexose uptake in 3T3-L1 adipocytes: glucagon-like peptide-1 and insulin interactions. <i>Journal of Molecular Endocrinology</i> , 1997, 19, 241-248.	1.1	45
150	A Peptide-based Protein-tyrosine Phosphatase Inhibitor Specifically Enhances Insulin Receptor Function in Intact Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 14302-14307.	1.6	25
151	A Synthetic Peptide Derived from a COOH-terminal Domain of the Insulin Receptor Specifically Enhances Insulin Receptor Signaling. <i>Journal of Biological Chemistry</i> , 1996, 271, 31619-31626.	1.6	18
152	O-37: Specific inhibition of insulin receptor dephosphorylation enhances insulin signalling in intact cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 47-47.	0.6	0
153	P-55: Activation of insulin receptor tyrosine kinase enhances DNA repair. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 122-122.	0.6	0
154	Thiol-Specific Biotinylation of the Insulin Receptor in Permeabilized Cells Enhances Receptor Function. <i>Biochemistry</i> , 1995, 34, 8357-8364.	1.2	16
155	Dynamic regulation of intact and C-terminal truncated insulin receptor phosphorylation in permeabilized cells. <i>Biochemistry</i> , 1994, 33, 4343-4351.	1.2	33
156	Identification of phosphorylated 422(aP2) protein as pp15, the 15-kilodalton target of the insulin receptor tyrosine kinase in 3T3-L1 adipocytes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8835-8839.	3.3	82
157	Insulin-activated tyrosine phosphorylation of a 15-kilodalton protein in intact 3T3-L1 adipocytes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 1844-1848.	3.3	193
158	Stimulatory and inhibitory effects of protein kinase C activation and calcium ionophore on cultured pig Leydig cells. <i>FEBS Journal</i> , 1987, 163, 181-188.	0.2	15
159	Insulin-Activated Phosphorylation on Tyrosine of a 15 Kilodalton Cytosolic Protein in 3T3-L1 Adipocytes. , 1987, , 11-26.		1
160	Regulation of gonadotropin receptors, gonadotropin responsiveness, and cell multiplication by somatomedin-C and insulin in cultured pig Leydig cells. <i>Journal of Cellular Physiology</i> , 1986, 129, 257-263.	2.0	139
161	Processing of human choriogonadotropin and its receptors by cultured pig Leydig cells. Role of cyclic AMP and protein synthesis. <i>FEBS Journal</i> , 1986, 155, 323-330.	0.2	19
162	Regulation of Gonadotropin Receptors on Cultured Porcine Leydig and Sertoli Cells: Effect of Potassium Depletion*. <i>Endocrinology</i> , 1986, 118, 2254-2261.	1.4	11

#	ARTICLE	IF	CITATIONS
163	The 3 <sup>β</sup> -hydroxysteroid dehydrogenase activity of cultured porcine Leydig cells in primary culture. Canadian Journal of Physiology and Pharmacology, 1984, 62, 1300-1303.	0.7	2
164	Effect of glucocorticoids on testosterone production by porcine Leydig cells in primary culture. Canadian Journal of Physiology and Pharmacology, 1984, 62, 1166-1169.	0.7	32
165	Angiotensin II: dependence of hormone affinity on the electronegativity of a single side chain. Journal of Medicinal Chemistry, 1984, 27, 315-320.	2.9	19
166	Angiotensin II Analogues. Part II. Synthesis and incorporation of the sulfur-containing aromatic amino acids: L-(4 <sup>β</sup> -SH)Phe, L-(4 <sup>β</sup> -SO <sub>2</sub> NH <sub>2</sub> )Phe, L-(4 <sup>β</sup> -SO <sub>3</sub> <sup>-</sup> )Phe and L-(4 <sup>β</sup> -S-CH <sub>3</sub> )Phe. Helvetica Chimica Acta, 1983, 66, 1355-1365.	1.0	22
167	Androgen production in primary culture of immature porcine leydig cells. Molecular and Cellular Endocrinology, 1983, 30, 73-84.	1.6	9
168	Studies with Purified Immature Porcine Leydig Cells in Primary Culture 1. Biology of Reproduction, 1983, 29, 1172-1178.	1.2	22
169	Stress-Induced Testicular Hyposensitivity to Gonadotropin in Rats. Role of the Pituitary Gland. Biology of Reproduction, 1982, 27, 616-623.	1.2	70
170	Steroidogenesis of cultured purified pig leydig cells: Secretion and effects of estrogens. Molecular and Cellular Endocrinology, 1982, 28, 705-716.	1.6	31
171	Overexpression and Activation of the Insulin Receptor Enhances Expression of ERCC-1 Messenger Ribonucleic Acid in Cultured Cells. , 0, .		5
172	Insertion of an N-Terminal 6-Aminohexanoic Acid after the 7 Amino Acid Position of Glucagon-Like Peptide-1 Produces a Long-Acting Hypoglycemic Agent. , 0, .		15