

Michel Bernier

List of Publications by Year in descending order

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Version: 2024-02-01

177
papers

10,821
citations

44069

48
h-index

36028

97
g-index

181
all docs

181
docs citations

181
times ranked

14756
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin improves healthspan and lifespan in mice. <i>Nature Communications</i> , 2013, 4, 2192.	12.8	1,118
2	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.	7.1	878
3	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	16.2	360
4	The SIRT1 Activator SRT1720 Extends Lifespan and Improves Health of Mice Fed a Standard Diet. <i>Cell Reports</i> , 2014, 6, 836-843.	6.4	342
5	A time to fast. <i>Science</i> , 2018, 362, 770-775.	12.6	339
6	The Search for Antiaging Interventions: From Elixirs to Fasting Regimens. <i>Cell</i> , 2014, 157, 1515-1526.	28.9	302
7	Coenzyme Q10 Supplementation in Aging and Disease. <i>Frontiers in Physiology</i> , 2018, 9, 44.	2.8	258
8	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. <i>Cell Metabolism</i> , 2018, 27, 667-676.e4.	16.2	242
9	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.	16.2	212
10	Daily Fasting Improves Health and Survival in Male Mice Independent of Diet Composition and Calories. <i>Cell Metabolism</i> , 2019, 29, 221-228.e3.	16.2	210
11	<scp>SRT</scp> 2104 extends survival of male mice on a standard diet and preserves bone and muscle mass. <i>Aging Cell</i> , 2014, 13, 787-796.	6.7	208
12	Reconsidering the Role of Mitochondria in Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1334-1342.	3.6	196
13	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.	7.1	193
14	Resveratrol supplementation: Where are we now and where should we go?. <i>Ageing Research Reviews</i> , 2015, 21, 1-15.	10.9	193
15	Resveratrol Prevents High Fat/Sucrose Diet-Induced Central Arterial Wall Inflammation and Stiffening in Nonhuman Primates. <i>Cell Metabolism</i> , 2014, 20, 183-190.	16.2	186
16	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.	2.8	182
17	The orphan tyrosine kinase receptor, ROR2, mediates Wnt5A signaling in metastatic melanoma. <i>Oncogene</i> , 2010, 29, 34-44.	5.9	175
18	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.	0.6	160

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19	Circulating adiponectin levels increase in rats on caloric restriction: the potential for insulin sensitization. <i>Experimental Gerontology</i> , 2004, 39, 1049-1059.	2.8	157
20	Metformin-mediated increase in DICER1 regulates microRNA expression and cellular senescence. <i>Aging Cell</i> , 2016, 15, 572-581.	6.7	153
21	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.	4.1	139
22	Nuclear actin and actin-binding proteins in the regulation of transcription and gene expression. <i>FEBS Journal</i> , 2009, 276, 2669-2685.	4.7	135
23	Metformin: A Hopeful Promise in Aging Research. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a025932.	6.2	116
24	Negative Regulation of STAT3 Protein-mediated Cellular Respiration by SIRT1 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 19270-19279.	3.4	115
25	S-Glutathionylation Impairs Signal Transducer and Activator of Transcription 3 Activation and Signaling. <i>Endocrinology</i> , 2009, 150, 1122-1131.	2.8	114
26	Age-associated miRNA Alterations in Skeletal Muscle from Rhesus Monkeys reversed by caloric restriction. <i>Aging</i> , 2013, 5, 692-703.	3.1	104
27	Skeletal muscle <i>ex vivo</i> mitochondrial respiration parallels decline in <i>in vivo</i> oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. <i>Aging Cell</i> , 2018, 17, e12725.	6.7	101
28	(<i>R,S</i>)-Ketamine Metabolites (<i>R,S</i>)-norketamine and (<i>2S,6S</i>)-hydroxynorketamine Increase the Mammalian Target of Rapamycin Function. <i>Anesthesiology</i> , 2014, 121, 149-159.	2.5	96
29	Untangling Determinants of Enhanced Health and Lifespan through a Multi-omics Approach in Mice. <i>Cell Metabolism</i> , 2020, 32, 100-116.e4.	16.2	85
30	Kruppel-like Factor 4 Promotes Differentiation by Transforming Growth Factor- β Receptor-mediated Smad and p38 MAPK Signaling in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 17846-17856.	3.4	83
31	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.	7.1	82
32	Oxidative lipid modification of nicastrin enhances amyloidogenic β -secretase activity in Alzheimer's disease. <i>Aging Cell</i> , 2012, 11, 559-568.	6.7	81
33	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.	2.5	78
34	Resveratrol and Its Metabolites Bind to PPARs. <i>ChemBioChem</i> , 2014, 15, 1154-1160.	2.6	76
35	The road ahead for health and lifespan interventions. <i>Ageing Research Reviews</i> , 2020, 59, 101037.	10.9	76
36	Stress-Induced Testicular Hyposensitivity to Gonadotropin in Rats. Role of the Pituitary Gland. <i>Biology of Reproduction</i> , 1982, 27, 616-623.	2.7	70

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37	Adipogenic signaling in rat white adipose tissue: Modulation by aging and calorie restriction. <i>Experimental Gerontology</i> , 2007, 42, 733-744.	2.8	66
38	Wnt5A Activates the Calpain-Mediated Cleavage of Filamin A. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1782-1789.	0.7	64
39	Pharmacological Strategies to Retard Cardiovascular Aging. <i>Circulation Research</i> , 2016, 118, 1626-1642.	4.5	64
40	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.	3.5	63
41	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.	3.1	62
42	Ligand and Protein Fishing with Heat Shock Protein 90 Coated Magnetic Beads. <i>Analytical Chemistry</i> , 2008, 80, 7571-7575.	6.5	60
43	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.	3.4	58
44	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
45	Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. <i>Nature Communications</i> , 2021, 12, 6201.	12.8	57
46	The human longevity gene homolog INDY and interleukin-6 interact in hepatic lipid metabolism. <i>Hepatology</i> , 2017, 66, 616-630.	7.3	55
47	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
48	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.	3.4	51
49	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
50	Breast cancer resistance protein (BCRP/ABCG2) localises to the nucleus in glioblastoma multiforme cells. <i>Xenobiotica</i> , 2012, 42, 748-755.	1.1	48
51	Intermittent fasting: from calories to time restriction. <i>GeroScience</i> , 2021, 43, 1083-1092.	4.6	48
52	Frailty index as a biomarker of lifespan and healthspan: Focus on pharmacological interventions. <i>Mechanisms of Ageing and Development</i> , 2019, 180, 42-48.	4.6	47
53	A cross-sectional study of functional and metabolic changes during aging through the lifespan in male mice. <i>ELife</i> , 2021, 10, .	6.0	47
54	Antiapoptotic Signaling by the Insulin Receptor in Chinese Hamster Ovary Cells. <i>Biochemistry</i> , 1998, 37, 15747-15757.	2.5	46

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55	Disulfiram Treatment Normalizes Body Weight in Obese Mice. <i>Cell Metabolism</i> , 2020, 32, 203-214.e4.	16.2	46
56	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.	2.5	45
57	Resveratrol supplementation confers neuroprotection in cortical brain tissue of nonhuman primates fed a high-fat/sucrose diet. <i>Aging</i> , 2016, 8, 899-916.	3.1	44
58	Kruppel-like Factor 4 Inhibits Proliferation by Platelet-derived Growth Factor Receptor β^2 -mediated, Not by Retinoic Acid Receptor α -mediated, Phosphatidylinositol 3-Kinase and ERK Signaling in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 22773-22785.	3.4	43
59	Binding of Manumycin A Inhibits β Kinase β^2 Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 2551-2561.	3.4	41
60	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.	5.4	41
61	Hexokinases link DJ-1 to the PINK1/parkin pathway. <i>Molecular Neurodegeneration</i> , 2017, 12, 70.	10.8	40
62	A chemical cross-linking method for the analysis of binding partners of heat shock protein-90 in intact cells. <i>BioTechniques</i> , 2012, 52, 1-7.	1.8	39
63	β^2 -Adrenergic Receptor Agonists Inhibit the Proliferation of 1321N1 Astrocytoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 524-532.	2.5	37
64	Tyrosine 308 Is Necessary for Ligand-directed Gs Protein-biased Signaling of β^2 -Adrenoceptor. <i>Journal of Biological Chemistry</i> , 2014, 289, 19351-19363.	3.4	37
65	Glucagon-like peptide-1(7-36) amide (GLP-1) enhances insulin-stimulated glucose metabolism in 3T3-L1 adipocytes: one of several potential extrapancreatic sites of GLP-1 action. <i>Endocrinology</i> , 1994, 135, 2070-2075.	2.8	37
66	Triplex targeted genomic crosslinks enter separable deletion and base substitution pathways. <i>Nucleic Acids Research</i> , 2005, 33, 5382-5393.	14.5	35
67	What is hydroxynorketamine and what can it bring to neurotherapeutics?. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 1239-1242.	2.8	35
68	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.	2.9	34
69	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. <i>Nature Metabolism</i> , 2021, 3, 1342-1356.	11.9	34
70	Dynamic regulation of intact and C-terminal truncated insulin receptor phosphorylation in permeabilized cells. <i>Biochemistry</i> , 1994, 33, 4343-4351.	2.5	33
71	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.	3.7	33
72	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.	3.4	33

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73	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.	2.5	33
74	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.	3.6	33
75	Effect of glucocorticoids on testosterone production by porcine Leydig cells in primary culture. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 1166-1169.	1.4	32
76	Overexpression of <i>CYB5R3</i> and <i>NQO1</i> , two <i>NAD⁺</i> -producing enzymes, mimics aspects of caloric restriction. <i>Aging Cell</i> , 2018, 17, e12767.	6.7	32
77	Steroidogenesis of cultured purified pig leydig cells: Secretion and effects of estrogens. <i>Molecular and Cellular Endocrinology</i> , 1982, 28, 705-716.	3.2	31
78	Initial Synthesis and Characterization of an ± 7 Nicotinic Receptor Cellular Membrane Affinity Chromatography Column: Effect of Receptor Subtype and Cell Type. <i>Analytical Chemistry</i> , 2008, 80, 48-54.	6.5	31
79	Redox modulation of NQO1. <i>PLoS ONE</i> , 2018, 13, e0190717.	2.5	31
80	Filamin A Modulates Kinase Activation and Intracellular Trafficking of Epidermal Growth Factor Receptors in Human Melanoma Cells. <i>Endocrinology</i> , 2009, 150, 2551-2560.	2.8	30
81	Of Aging Mice and Men: Gait Speed Decline Is a Translatable Trait, With Species-Specific Underlying Properties. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1413-1416.	3.6	29
82	Fasting blood glucose as a predictor of mortality: Lost in translation. <i>Cell Metabolism</i> , 2021, 33, 2189-2200.e3.	16.2	29
83	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.	2.8	28
84	S-Glutathionylation of Cysteine 99 in the APE1 Protein Impairs Abasic Endonuclease Activity. <i>Journal of Molecular Biology</i> , 2011, 414, 313-326.	4.2	28
85	Capillary electrophoresis-laser-induced fluorescence (CE-LIF) assay for measurement of intracellular d-serine and serine racemase activity. <i>Analytical Biochemistry</i> , 2012, 421, 460-466.	2.4	28
86	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 225-233.	2.9	28
87	Activation of heat shock factor 1 plays a role in pyrrolidine dithiocarbamate-mediated expression of the co-chaperone BAG3. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1856-1863.	2.8	27
88	ADCK2 Haploinsufficiency Reduces Mitochondrial Lipid Oxidation and Causes Myopathy Associated with CoQ Deficiency. <i>Journal of Clinical Medicine</i> , 2019, 8, 1374.	2.4	27
89	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.	3.6	26
90	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.	3.4	25

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91	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.	1.9	25
92	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.	2.4	24
93	Future directions of resveratrol research. <i>Nutrition and Healthy Aging</i> , 2018, 4, 287-290.	1.1	24
94	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.	3.7	23
95	Angiotensin II Analogues. Part II. Synthesis and incorporation of the sulfur-containing aromatic amino acids: L-(4'-SH)Phe, L-(4'-SO ₂ NH ₂)Phe, L-(4'-SO ₃ ')Phe and L-(4'-S-CH ₃)Phe. <i>Helvetica Chimica Acta</i> , 1983, 66, 1355-1365.	1.6	22
96	Studies with Purified Immature Porcine Leydig Cells in Primary Culture 1. <i>Biology of Reproduction</i> , 1983, 29, 1172-1178.	2.7	22
97	Akt-Dependent Antiapoptotic Action of Insulin Is Sensitive to Farnesyltransferase Inhibitor. <i>Biochemistry</i> , 2000, 39, 12513-12521.	2.5	22
98	Reversible Change in Thiol Redox Status of the Insulin Receptor β -Subunit in Intact Cells. <i>Biochemistry</i> , 1999, 38, 5896-5904.	2.5	21
99	Activation of β 2-adrenergic receptor by (R,R)-4'-methoxy-1-naphthylfenoterol inhibits proliferation and motility of melanoma cells. <i>Cellular Signalling</i> , 2015, 27, 997-1007.	3.6	21
100	Deletion of Nrf2 shortens lifespan in C57BL/6J male mice but does not alter the health and survival benefits of caloric restriction. <i>Free Radical Biology and Medicine</i> , 2020, 152, 650-658.	2.9	21
101	(R,R)-4'-methoxy-1-naphthylfenoterol targets GPR55-mediated ligand internalization and impairs cancer cell motility. <i>Biochemical Pharmacology</i> , 2014, 87, 547-561.	4.4	20
102	Amniotic Epithelial Cells: A New Tool to Combat Aging and Age-Related Diseases?. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 135.	3.7	20
103	Ketamine Metabolites Enantioselectively Decrease Intracellular D-Serine Concentrations in PC-12 Cells. <i>PLoS ONE</i> , 2016, 11, e0149499.	2.5	20
104	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
105	Angiotensin II: dependence of hormone affinity on the electronegativity of a single side chain. <i>Journal of Medicinal Chemistry</i> , 1984, 27, 315-320.	6.4	19
106	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
107	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.	6.5	19
108	The cannabinoid receptor inverse agonist AM251 regulates the expression of the EGF receptor and its ligands via destabilization of oestrogen-related receptor β protein. <i>British Journal of Pharmacology</i> , 2011, 164, 1026-1040.	5.4	19

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109	Selective GPR55 antagonism reduces chemoresistance in cancer cells. <i>Pharmacological Research</i> , 2016, 111, 757-766.	7.1	19
110	A redox-mediated conformational change in NQO1 controls binding to microtubules and α -tubulin acetylation. <i>Redox Biology</i> , 2021, 39, 101840.	9.0	19
111	Conditioned medium derived from rat amniotic epithelial cells confers protection against inflammation, cancer, and senescence. <i>Oncotarget</i> , 2016, 7, 39051-39064.	1.8	19
112	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.	3.4	18
113	The longevity gene mIndy (l α TM m Not Dead, Yet) affects blood pressure through sympathoadrenal mechanisms. <i>JCI Insight</i> , 2021, 6, .	5.0	17
114	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. <i>International Journal of Medical Sciences</i> , 2010, 7, 1-14.	2.5	17
115	Thiol-Specific Biotinylation of the Insulin Receptor in Permeabilized Cells Enhances Receptor Function. <i>Biochemistry</i> , 1995, 34, 8357-8364.	2.5	16
116	In Vivo Biological Activity of Exendin (1 α -30). <i>Endocrine</i> , 2005, 27, 001-010.	2.2	16
117	Sensing the insulin signaling pathway with an antibody array. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1440-1450.	1.6	16
118	Identification and characterization of estrogen receptor-related receptor alpha and gamma in human glioma and astrocytoma cells. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 314-318.	3.2	16
119	Cannabinoid Receptor Activation Correlates with the Proapoptotic Action of the β -Adrenergic Agonist (<i>R</i>)-4-Methoxy-1-Naphthylfenoterol in HepG2 Hepatocarcinoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 157-166.	2.5	16
120	Influence of anaerobic and aerobic exercise on age-related pathways in skeletal muscle. <i>Ageing Research Reviews</i> , 2017, 37, 39-52.	10.9	16
121	GPR55 receptor antagonist decreases glycolytic activity in PANC α 1 pancreatic cancer cell line and tumor xenografts. <i>International Journal of Cancer</i> , 2017, 141, 2131-2142.	5.1	16
122	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
123	Insulin regulation of a novel WD-40 repeat protein in adipocytes. <i>Journal of Endocrinology</i> , 2001, 168, 325-332.	2.6	15
124	Benefits of Caloric Restriction in Longevity and Chemical-Induced Tumorigenesis Are Transmitted Independent of NQO1. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 155-162.	3.6	15
125	Combining a High Dose of Metformin With the SIRT1 Activator, SRT1720, Reduces Life Span in Aged Mice Fed a High-Fat Diet. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2037-2041.	3.6	15
126	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.	2.8	15

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127	Role of the pleckstrin homology domain of PLC β 1 in its interaction with the insulin receptor. <i>Journal of Cell Biology</i> , 2003, 163, 375-384.	5.2	13
128	Pyrrolidine dithiocarbamate enhances hepatic glycogen synthesis and reduces FoxO1-mediated gene transcription in type 2 diabetic rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E409-E416.	3.5	12
129	Antitumor activity of (R)-4-methoxy-1-naphthylfenoterol in a rat C6 glioma xenograft model in the mouse. <i>Pharmacology Research and Perspectives</i> , 2013, 1, e00010.	2.4	12
130	Pyrrolidine dithiocarbamate protects pancreatic β -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.	2.0	12
131	Concurrent activation of β 2-adrenergic receptor and blockage of GPR55 disrupts pro-oncogenic signaling in glioma cells. <i>Cellular Signalling</i> , 2017, 36, 176-188.	3.6	12
132	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
133	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. <i>Nature Communications</i> , 2021, 12, 6463.	12.8	12
134	Regulation of Gonadotropin Receptors on Cultured Porcine Leydig and Sertoli Cells: Effect of Potassium Depletion*. <i>Endocrinology</i> , 1986, 118, 2254-2261.	2.8	11
135	Modulation of CCAAT/Enhancer-Binding Protein- β Gene Expression by Metabolic Signals in Rodent Adipocytes. <i>Endocrinology</i> , 1999, 140, 2938-2947.	2.8	11
136	Wortmannin-Sensitive Pathway Is Required for Insulin-Stimulated Phosphorylation of Inhibitor β . <i>Endocrinology</i> , 2002, 143, 375-385.	2.8	11
137	Intermittent mTOR Inhibition Reverses Kidney Aging in Old Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 843-844.	3.6	11
138	Stereochemical and structural effects of (2R,6R)-hydroxynorketamine on the mitochondrial metabolome in PC-12 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1505-1515.	2.4	11
139	Impact of Pyrrolidine Dithiocarbamate and Interleukin-6 on Mammalian Target of Rapamycin Complex 1 Regulation and Global Protein Translation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 905-913.	2.5	10
140	Androgen production in primary culture of immature porcine leydig cells. <i>Molecular and Cellular Endocrinology</i> , 1983, 30, 73-84.	3.2	9
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