

Michel ChrÄtien

List of Publications by Year in descending order

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31974

53
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30920

102
g-index

150
all docs

150
docs citations

150
times ranked

8640
citing authors

#	ARTICLE	IF	CITATIONS
1	The secretory proprotein convertase neural apoptosis-regulated convertase 1 (NARC-1): Liver regeneration and neuronal differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 928-933.	7.1	1,012
2	Proprotein and prohormone convertases: a family of subtilases generating diverse bioactive polypeptides. Published on the World Wide Web on 17 August 1999.1. Brain Research, 1999, 848, 45-62.	2.2	775
3	NARC-1/PCSK9 and Its Natural Mutants. Journal of Biological Chemistry, 2004, 279, 48865-48875.	3.4	544
4	PCSK9. Circulation Research, 2014, 114, 1022-1036.	4.5	495
5	Cellular processing of the neurotrophin precursors of NT3 and BDNF by the mammalian proprotein convertases. FEBS Letters, 1996, 379, 247-250.	2.8	309
6	Isolation and Amino-acid Sequence of β -LPH from Sheep Pituitary Glands. Nature, 1965, 208, 1093-1094.	27.8	289
7	Post-translational Processing of β -Secretase (β -Amyloid-converting Enzyme) and Its Ectodomain Shedding. Journal of Biological Chemistry, 2001, 276, 10879-10887.	3.4	273
8	Eukaryotic protein processing: endoproteolysis of precursor proteins. Current Opinion in Biotechnology, 1997, 8, 602-607.	6.6	271
9	Cellular processing of the nerve growth factor precursor by the mammalian pro-protein convertases. Biochemical Journal, 1996, 314, 951-960.	3.7	258
10	Proprotein convertases: lessons from knockouts. FASEB Journal, 2006, 20, 1954-1963.	0.5	210
11	Proprotein Convertases in Tumor Progression and Malignancy. American Journal of Pathology, 2002, 160, 1921-1935.	3.8	196
12	Precursor Convertases: An Evolutionary Ancient, Cell-Specific, Combinatorial Mechanism Yielding Diverse Bioactive Peptides and Proteins. Annals of the New York Academy of Sciences, 1998, 839, 9-24.	3.8	187
13	Plasma PCSK9 levels are significantly modified by statins and fibrates in humans. Lipids in Health and Disease, 2008, 7, 22.	3.0	187
14	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. Journal of Clinical Investigation, 2003, 111, 1723-1732.	8.2	170
15	PCSK9-deficient mice exhibit impaired glucose tolerance and pancreatic islet abnormalities. FEBS Letters, 2010, 584, 701-706.	2.8	165
16	An infant with deletion of the distal long arm of chromosome 15 (q26.1â€‘qter) and loss of insulin-like growth factor 1 receptor gene. American Journal of Medical Genetics Part A, 1991, 38, 74-79.	2.4	160
17	Inhibition of Proprotein Convertases Is Associated with Loss of Growth and Tumorigenicity of HT-29 Human Colon Carcinoma Cells. Journal of Biological Chemistry, 2001, 276, 30686-30693.	3.4	156
18	Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329-342.	3.7	155

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19	The Multifaceted Proprotein Convertases: Their Unique, Redundant, Complementary, and Opposite Functions. <i>Journal of Biological Chemistry</i> , 2013, 288, 21473-21481.	3.4	151
20	Proteases and posttranslational processing of prohormones: a review. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1983, 61, 501-515.	1.3	136
21	Pro-protein convertase gene expression in human breast cancer. , 1997, 71, 966-971.		135
22	Crimean-Congo Hemorrhagic Fever Virus Glycoprotein Proteolytic Processing by Subtilase SKI-1. <i>Journal of Virology</i> , 2003, 77, 8640-8649.	3.4	132
23	The Subtilisin/Kexin Family of Precursor Convertases: Emphasis on PC1, PC2/7B2, POMC and the Novel Enzyme SKI-1. <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 57-74.	3.8	130
24	Neuroendocrine secretory protein 7B2: structure, expression and functions. <i>Biochemical Journal</i> , 2001, 357, 329.	3.7	123
25	The Prosegments of Furin and PC7 as Potent Inhibitors of Proprotein Convertases. <i>Journal of Biological Chemistry</i> , 1999, 274, 33913-33920.	3.4	122
26	Inhibition of Chikungunya Virus Infection in Cultured Human Muscle Cells by Furin Inhibitors. <i>Journal of Biological Chemistry</i> , 2008, 283, 21899-21908.	3.4	114
27	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. <i>Journal of Clinical Investigation</i> , 2003, 111, 1723-1732.	8.2	109
28	Comparative cellular processing of the human immunodeficiency virus (HIV-1) envelope glycoprotein gp160 by the mammalian subtilisin/kexin-like convertases. <i>Biochemical Journal</i> , 1996, 314, 521-532.	3.7	105
29	Furin-Like Proprotein Convertases Are Central Regulators of the Membrane Type Matrix Metalloproteinase-2 Proteolytic Cascade in Atherosclerosis. <i>Circulation</i> , 2005, 111, 2820-2827.	1.6	103
30	Novel Loss-of-Function PCSK9 Variant Is Associated with Low Plasma LDL Cholesterol in a French-Canadian Family and with Impaired Processing and Secretion in Cell Culture. <i>Clinical Chemistry</i> , 2011, 57, 1415-1423.	3.2	101
31	Regulation of matrix metalloproteinase MT1-MMP/MMP-2 in cardiac fibroblasts by TGF- β 1 involves furin-convertase. <i>Cardiovascular Research</i> , 2004, 63, 87-97.	3.8	100
32	The Mouse Homeoprotein mLIM-3 Is Expressed Early in Cells Derived from the Neuroepithelium and Persists in Adult Pituitary. <i>Developmental Cell Biology</i> , 1994, 13, 1163-1180.	1.9	98
33	Endoproteolytic processing of integrin pro- β subunits involves the redundant function of furin and proprotein convertase (PC) 5A, but not paired basic amino acid converting enzyme (PACE) 4, PC5B or PC7. <i>Biochemical Journal</i> , 2000, 346, 133-138.	3.7	96
34	Cellular Localization of the Prohormone Convertases in the Hypothalamic Paraventricular and Supraoptic Nuclei: Selective Regulation of PC1 in Corticotrophin-Releasing Hormone Parvocellular Neurons Mediated by Glucocorticoids. <i>Journal of Neuroscience</i> , 1997, 17, 563-575.	3.6	93
35	7B2 Is a Specific Intracellular Binding Protein of the Prohormone Convertase PC2. <i>Journal of Neurochemistry</i> , 1995, 64, 2303-2311.	3.9	91
36	Chemistry and biosynthesis of pro-opiomelanocortin. <i>Molecular and Cellular Biochemistry</i> , 1981, 34, 101-127.	3.1	88

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37	Î±1-Antitrypsin Portland Inhibits Processing of Precursors Mediated by Proprotein Convertases Primarily within the Constitutive Secretory Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 26210-26218.	3.4	88
38	Implication of the proprotein convertases furin, PC5 and PC7 in the cleavage of surface glycoproteins of Hong Kong, Ebola and respiratory syncytial viruses: a comparative analysis with fluorogenic peptides. <i>Biochemical Journal</i> , 2001, 353, 537-545.	3.7	87
39	[13] Pro-protein convertases of subtilisin/kexin family. <i>Methods in Enzymology</i> , 1994, 244, 175-188.	1.0	84
40	Mammalian Paired Basic Amino Acid Convertases of Prohormones and Proproteins. <i>Annals of the New York Academy of Sciences</i> , 1993, 680, 135-146.	3.8	82
41	Plasma PCSK9 levels correlate with cholesterol in men but not in women. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 451-456.	2.1	82
42	In Vitro Characterization of the Novel Proprotein Convertase PC7. <i>Journal of Biological Chemistry</i> , 1997, 272, 19672-19681.	3.4	81
43	Biosynthesis and Enzymatic Characterization of Human SKI-1/S1P and the Processing of Its Inhibitory Prosegment. <i>Journal of Biological Chemistry</i> , 2000, 275, 2349-2358.	3.4	79
44	Prophylactic Efficacy of Quercetin 3-Î²- <i>O</i> - <sc>d</sc> -Glucoside against Ebola Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5182-5188.	3.2	77
45	Characterization of structural determinants and molecular mechanisms involved in pro-stromelysin-3 activation by 4-aminophenylmercuric acetate and furin-type convertases. <i>Biochemical Journal</i> , 1996, 315, 953-958.	3.7	73
46	Deletion of the Gene Encoding Proprotein Convertase 5/6 Causes Early Embryonic Lethality in the Mouse. <i>Molecular and Cellular Biology</i> , 2006, 26, 354-361.	2.3	73
47	Antiviral activity of quercetin-3-Î²-O-D-glucoside against Zika virus infection. <i>Virologica Sinica</i> , 2017, 32, 545-547.	3.0	73
48	Implication of proprotein convertases in the processing and spread of severe acute respiratory syndrome coronavirus. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 554-563.	2.1	71
49	Loss- and Gain-of-function PCSK9 Variants. <i>Journal of Biological Chemistry</i> , 2012, 287, 33745-33755.	3.4	71
50	Implication of the proprotein convertases furin, PC5 and PC7 in the cleavage of surface glycoproteins of Hong Kong, Ebola and respiratory syncytial viruses: a comparative analysis with fluorogenic peptides. <i>Biochemical Journal</i> , 2001, 353, 537.	3.7	68
51	Isolation from Human Seminal Plasma of an Abundant 16â€kDa Protein Originating from the Prostate, Its Identification with a 94â€Residue Peptide Originally Described As Î²â€Inhibin. <i>Journal of Andrology</i> , 1987, 8, 182-189.	2.0	66
52	The proteolytic processing of pro-platelet-derived growth factor-A at RRKR(86) by members of the proprotein convertase family is functionally correlated to platelet-derived growth factor-A-induced functions and tumorigenicity. <i>Cancer Research</i> , 2003, 63, 1458-63.	0.9	64
53	PCSK9 is phosphorylated by a Golgi casein kinaseâ€like kinase <i>exâ€vivo</i> and circulates as a phosphoprotein in humans. <i>FEBS Journal</i> , 2008, 275, 3480-3493.	4.7	58
54	Quercetinâ€3â€glucoside increases lowâ€density lipoprotein receptor (LDLR) expression, attenuates proprotein convertase subtilisin/kexin 9 (PCSK9) secretion, and stimulates LDL uptake by Huh7 human hepatocytes in culture. <i>FEBS Open Bio</i> , 2014, 4, 755-762.	2.3	58

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55	Inhibitory Specificity and Potency of proSAAS-derived Peptides toward Proprotein Convertase 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 32720-32728.	3.4	52
56	cDNA sequence of neuroendocrine protein 7B2 expressed in beta cell tumors of transgenic mice. <i>International Journal of Peptide and Protein Research</i> , 1989, 33, 39-45.	0.1	50
57	Differential effects of PCSK9 loss of function variants on serum lipid and PCSK9 levels in Caucasian and African Canadian populations. <i>Lipids in Health and Disease</i> , 2013, 12, 70.	3.0	50
58	Chromosomal assignments of the genes for neuroendocrine convertase PC1 (NEC1) to human 5q15â€“21, neuroendocrine convertase PC2 (NEC2) to human 20p11.1â€“11.2, and furin (mouse 7[D1-E2] region). <i>Genomics</i> , 1991, 11, 103-107.	2.9	47
59	Lipotropin: Localization by radioimmunoassay of endorphin precursor in pituitary and brain. <i>Biochemical and Biophysical Research Communications</i> , 1977, 75, 350-357.	2.1	46
60	The testicular germ-cell protease PC4 is also expressed in macrophage-like cells of the ovary. <i>Journal of Reproductive Immunology</i> , 2001, 49, 133-152.	1.9	46
61	Structure-Function Analysis of the Prosegment of the Proprotein Convertase PC5A. <i>Journal of Biological Chemistry</i> , 2003, 278, 2886-2895.	3.4	46
62	Structure of the Gene for the Testis-Specific Proprotein Convertase 4 and of Its Alternate Messenger RNA Isoforms. <i>Genomics</i> , 1994, 20, 231-237.	2.9	45
63	60 YEARS OF POMC: From the prohormone theory to pro-opiomelanocortin and to proprotein convertases (PCSK1 to PCSK9). <i>Journal of Molecular Endocrinology</i> , 2016, 56, T49-T62.	2.5	43
64	Homologous IRCM-Serine Protease 1 from pituitary, heart atrium and ventricle: A common pro-hormone maturation enzyme?. <i>Bioscience Reports</i> , 1986, 6, 835-844.	2.4	41
65	Enzymic characterization in vitro of recombinant proprotein convertase PC4. <i>Biochemical Journal</i> , 1999, 343, 29-37.	3.7	41
66	Application of the multiple antigenic peptides (MAP) strategy to the production of prohormone convertases antibodies: Synthesis, characterization and use of 8-branched immunogenic peptides. <i>Journal of Peptide Science</i> , 1995, 1, 385-395.	1.4	39
67	The RGD Motif and the C-terminal Segment of Proprotein Convertase 1 Are Critical for Its Cellular Trafficking but Not for Its Intracellular Binding to Integrin Î±5Î²1. <i>Journal of Biological Chemistry</i> , 1999, 274, 12461-12467.	3.4	39
68	beta-Amyloid protein converting enzyme 1 and brain-specific type II membrane protein BRI3: binding partners processed by furin. <i>Journal of Neurochemistry</i> , 2005, 92, 93-102.	3.9	39
69	The cDNA structure of the porcine pro-hormone convertase PC2 and the comparative processing by PC1 and PC2 of the N-terminal glycopeptide segment of porcine POMC. <i>FEBS Letters</i> , 1992, 310, 235-239.	2.8	36
70	Proprotein convertases regulate insulin-like growth factor 1-induced membrane-type 1 matrix metalloproteinase in VSMCs via endoproteolytic activation of the insulin-like growth factor-1 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 531-538.	2.1	35
71	A rapid fluorometric assay for the proteolytic activity of SKI-1/S1P based on the surface glycoprotein of the hemorrhagic fever Lassa virus. <i>FEBS Letters</i> , 2002, 514, 333-339.	2.8	34
72	A targeted deletion/insertion in the mouse Pcsk1 locus is associated with homozygous embryo preimplantation lethality, mutant allele preferential transmission and heterozygous female susceptibility to dietary fat. <i>Developmental Biology</i> , 2007, 306, 584-598.	2.0	34

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73	Expression of PCSK1 (PC1/3), PCSK2 (PC2) and PCSK3 (furin) in mouse small intestine. Regulatory Peptides, 2009, 152, 54-60.	1.9	34
74	Chromosomal assignment of the genes for proprotein convertases PC4, PC5, and PACE 4 in mouse and human. Genomics, 1995, 26, 123-129.	2.9	32
75	Endoproteolytic processing of integrin pro- α subunits involves the redundant function of furin and proprotein convertase (PC) 5A, but not paired basic amino acid converting enzyme (PACE) 4, PC5B or PC7. Biochemical Journal, 2000, 346, 133.	3.7	32
76	In vitro elucidation of substrate specificity and bioassay of proprotein convertase 4 using intramolecularly quenched fluorogenic peptides. Biochemical Journal, 2004, 380, 505-514.	3.7	32
77	Endoproteolytic Activation of α Integrin by Proprotein Convertase PC5 Is Required for Vascular Smooth Muscle Cell Adhesion to Vitronectin and Integrin-Dependent Signaling. Circulation, 2004, 109, 770-776.	1.6	32
78	Proprotein convertases as therapeutic targets. Expert Opinion on Therapeutic Targets, 2008, 12, 1289-1300.	3.4	32
79	The Effect of PCSK9 Loss-of-Function Variants on the Postprandial Lipid and ApoB-Lipoprotein Response. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3452-3460.	3.6	32
80	Mouse Plasma Kallikrein: cDNA Structure, Enzyme Characterization, and Comparison of Protein and mRNA Levels among Species. DNA and Cell Biology, 1990, 9, 737-748.	1.9	31
81	Residues unique to the pro-hormone convertase PC2 modulate its autoactivation, binding to 7B2 and enzymatic activity. FEBS Letters, 1998, 428, 37-42.	2.8	31
82	Molecular Characterization, Enzymatic Analysis, and Purification of Murine Proprotein Convertase-1/3 (PC1/PC3) Secreted from Recombinant Baculovirus-Infected Insect Cells. Protein Expression and Purification, 1998, 14, 353-366.	1.3	31
83	The ever-expanding saga of the proprotein convertases and their roles in body homeostasis. Current Opinion in Lipidology, 2018, 29, 144-150.	2.7	30
84	Mice Fed a High-Cholesterol Diet Supplemented with Quercetin-3-O-Glucoside Show Attenuated Hyperlipidemia and Hyperinsulinemia Associated with Differential Regulation of PCSK9 and LDLR in their Liver and Pancreas. Molecular Nutrition and Food Research, 2018, 62, e1700729.	3.3	29
85	The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. Journal of Clinical Investigation, 2021, 131, .	8.2	29
86	Assignment of the gene for neuroendocrine protein 7B2 (SGNE1 locus) to mouse chromosome region 2[E3â€‘F3] and to human chromosome region 15q11-q15. Genomics, 1990, 6, 436-440.	2.9	28
87	Selective Expression of the Proprotein Convertases Furin, PC5, and PC7 in Proliferating Vascular Smooth Muscle Cells of the Rat Aorta In Vitro. Journal of Histochemistry and Cytochemistry, 2001, 49, 323-331.	2.5	28
88	Immunohistochemical localization of subtilisin/kexin-like proprotein convertases in human atherosclerosis. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2005, 446, 351-359.	2.8	28
89	Variable effects of gender and western diet on lipid and glucose homeostasis in aged PCSK9-deficient C57BL/6 mice. https://doi.org/10.1093/ajph/100.10.1769	1.8	28
90	Proprotein Convertase PC5 Regulation by PDGF-BB Involves PI3-Kinase/p70 s6 -Kinase Activation in Vascular Smooth Muscle Cells. Hypertension, 2002, 39, 399-404.	2.7	27

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91	pH-induced conformational transitions of a molten-globule-like state of the inhibitory prodomain of furin: Implications for zymogen activation. <i>Protein Science</i> , 2001, 10, 934-942.	7.6	26
92	Abnormal expression and processing of the proprotein convertases PC1 and PC2 in human colorectal liver metastases. <i>BMC Cancer</i> , 2005, 5, 149.	2.6	26
93	Evidence for proprotein convertase activity in the endoplasmic reticulum/early Golgi. <i>FEBS Letters</i> , 2005, 579, 5621-5625.	2.8	26
94	Proprotein <scp>C</scp>onvertases <scp>S</scp>ubtilisin/<scp>K</scp>exin <scp>T</scp>ype 9, an enzyme turned escort protein: Hepatic and extra hepatic functions (ç¬9ăžă%è>ç™1/2è1/2-æé...řâ€”æž`è%æ°řâ€ç'è<ç™1/2é...řKi 391-405.		
95	Localization of the Human Prostatic Secretory Protein PSP₉₄ and its mRNA in the Epithelial Cells of the Prostate. <i>Journal of Andrology</i> , 1988, 9, 253-260.	2.0	25
96	Of PCSK9, cholesterol homeostasis and parasitic infections: Possible survival benefits of loss-of-function PCSK9 genetic polymorphisms. <i>Medical Hypotheses</i> , 2007, 69, 1010-1017.	1.5	24
97	Distribution and regulation of proconvertases PC1 and PC2 in human pituitary adenomas. <i>Pituitary</i> , 1999, 1, 187-195.	2.9	23
98	Structural and immunological homology of human and porcine pituitary and plasma IRCM-serine protease 1 to plasma kallikrein: marked selectivity for pairs of basic residues suggests a widespread role in pro-hormone and pro-enzyme processing. <i>Biochimie</i> , 1988, 70, 33-46.	2.6	22
99	PCSK2-null mice exhibit delayed intestinal motility, reduced refeeding response and altered plasma levels of several regulatory peptides. <i>Life Sciences</i> , 2011, 88, 212-217.	4.3	21
100	From Proopiomelanocortin to Cancer.. <i>Annals of the New York Academy of Sciences</i> , 1993, 680, 13-19.	3.8	20
101	Expression of Neuroendocrine Secretory Protein 7B2 mRNA in the Mouse and Rat Pituitary Gland. <i>Neuroendocrinology</i> , 1993, 58, 86-93.	2.5	20
102	Pan-neuronal mRNA expression of the secretory polypeptide 7B2. <i>Neuroscience Letters</i> , 1994, 177, 91-94.	2.1	20
103	The apoB-to-PCSK9 ratio: A new index for metabolic risk in humans. <i>Journal of Clinical Lipidology</i> , 2015, 9, 664-675.	1.5	20
104	Evidence for the Release of a Novel Pituitary Polypeptide (7B2) from the Growth Hormone-Producing Pituitary Adenoma of Patients with Acromegaly*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 66, 430-437.	3.6	19
105	Increased stress-induced analgesia in mice lacking the proneuropeptide convertase PC2. <i>Neuroscience Letters</i> , 2006, 406, 71-75.	2.1	19
106	Differences of Pancreatic Expression of 7B2 Between C57BL/6J and C3H/HeJ Mice and Genetic Polymorphisms at its locus (Sgne1). <i>Diabetes</i> , 2006, 55, 452-459.	0.6	19
107	Effects of rs6234/rs6235 and rs6232/rs6234/rs6235 PCSK1 single-nucleotide polymorphism clusters on proprotein convertase 1/3 biosynthesis and activity. <i>Molecular Genetics and Metabolism</i> , 2011, 104, 682-687.	1.1	19
108	Isoquercetin as an Anti-Covid-19 Medication: A Potential to Realize. <i>Frontiers in Pharmacology</i> , 2022, 13, 830205.	3.5	19

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109	Coordinated regulation and colocalization of α v integrin and its activating enzyme proprotein convertase PC5 in vivo. <i>Histochemistry and Cell Biology</i> , 2003, 119, 239-245.	1.7	18
110	My road to Damascus: how I converted to the prohormone theory and the proprotein convertases. <i>Biochemistry and Cell Biology</i> , 2012, 90, 750-768.	2.0	18
111	Ethnic Differences in the Frequency of the Cardioprotective C679X PCSK9 Mutation in a West African Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2008, 12, 377-380.	1.7	16
112	Isolation and primary structure of novel neurointermediate pituitary peptides derived from the C-terminal of the rat vasopressin-neurophysin precursor (propressophysin). <i>FEBS Journal</i> , 1986, 156, 137-142.	0.2	15
113	The LIM homeobox protein mLIM3/Lhx3 induces expression of the prolactin gene by a Pit-1/GHF-1-independent pathway in corticotroph AtT20 cells. <i>FEBS Letters</i> , 1998, 431, 333-338.	2.8	15
114	Quantitative Proteomic Analysis of PCSK9 Gain of Function in Human Hepatic HuH7 Cells. <i>Journal of Proteome Research</i> , 2011, 10, 2011-2026.	3.7	15
115	Lower plasma PCSK9 in normocholesterolemic subjects is associated with upregulated adipose tissue surface expression of LDLR and CD36 and NLRP3 inflammasome. <i>Physiological Reports</i> , 2021, 9, e14721.	1.7	15
116	Cyclical Edema and Hypokalemia due to Occult Episodic Hypercorticism*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987, 64, 170-174.	3.6	14
117	17β -Estradiol results in a proprotein convertase subtilisin/kexin type 9-dependent increase in low-density lipoprotein receptor levels in human hepatic HuH7 cells. <i>FEBS Journal</i> , 2015, 282, 2682-2696.	4.7	14
118	Associations Between Soluble LDLR and Lipoproteins in a White Cohort and the Effect of PCSK9 Loss-of-Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3486-3495.	3.6	14
119	White Adipose Tissue Surface Expression of LDLR and CD36 is Associated with Risk Factors for Type 2 Diabetes in Adults with Obesity. <i>Obesity</i> , 2020, 28, 2357-2367.	3.0	14
120	Expression and transient nuclear translocation of proprotein convertase 1 (PC1) during mouse preimplantation embryonic development. <i>Molecular Reproduction and Development</i> , 2005, 72, 483-493.	2.0	12
121	A Fluorogenic Peptide Containing the Processing Site of Human SARS Corona Virus S-Protein: Kinetic Evaluation and NMR Structure Elucidation. <i>ChemBioChem</i> , 2007, 8, 1029-1037.	2.6	12
122	Malaria severity: Possible influence of the E670G PCSK9 polymorphism: A preliminary case-control study in Malian children. <i>PLoS ONE</i> , 2018, 13, e0192850.	2.5	12
123	Aminoethyl benzenesulfonyl fluoride and its hexapeptide (Ac-VFRSLK) conjugate are both in vitro inhibitors of subtilisin kexin isozyme 1. <i>FEBS Letters</i> , 2004, 573, 186-194.	2.8	11
124	Syntheses of argininal semicarbazone containing peptides and their applications in the affinity chromatography of serine proteinases. <i>International Journal of Peptide and Protein Research</i> , 1990, 36, 7-17.	0.1	11
125	How the Prohormone Theory Solved Two Important Controversies in Hormonal and Neural Peptide Biosynthesis. <i>Frontiers in Endocrinology</i> , 2013, 4, 148.	3.5	11
126	Functional diversity of bioactive peptides in the nervous system itself: How the brain may understand. <i>Bioscience Reports</i> , 1989, 9, 693-700.	2.4	10

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127	Depolarizing Action of Secretory Granule Protein 7B2 on Rat Supraoptic Neurosecretory Neurons. <i>Journal of Neuroendocrinology</i> , 1993, 5, 533-536.	2.6	10
128	The metabolism of β -amyloid converting enzyme and β -amyloid precursor protein processing. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 235-242.	2.1	10
129	The enigma of soluble LDLR: could inflammation be the key?. <i>Lipids in Health and Disease</i> , 2020, 19, 17.	3.0	10
130	Rat plasma kallikrein: purification, NH ₂ -terminal sequencing and development of a specific radioimmunoassay. <i>BBA - Proteins and Proteomics</i> , 1989, 999, 103-110.	2.1	9
131	Implications of proprotein Convertase 5 (PC5) in the arterial restenotic process in a porcine model. <i>Cardiovascular Pathology</i> , 2004, 13, 241-250.	1.6	8
132	A NOVEL PITUITARY PROTEIN (7B2) IN THE RAT UROGENITAL TRACT. <i>Biomedical Research</i> , 1985, 6, 139-143.	0.9	8
133	Association of the rs562556 PCSK9 Gene Polymorphism with Reduced Mortality in Severe Malaria among Malian Children. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2020, 2020, 1-5.	1.9	7
134	A Chimeric Proinsulin-CD5 Protein Expressed in AtT-20 Cells Is Directed to the Cell Surface via the Constitutive Pathway. <i>Experimental Cell Research</i> , 1995, 220, 79-91.	2.6	4
135	Cathepsin-B Fusion Proteins Misroute Secretory Protein Partners Such as the Proprotein Convertase PC2-7B2 Complex toward the Lysosomal Degradation Pathways. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 594-599.	2.1	4
136	Targeted production of proprotein convertase PC1 enhances mammary development and tumorigenesis in transgenic mice This article is one of a selection of papers published in a special issue celebrating the 125th anniversary of the Faculty of Medicine at the University of Manitoba.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 831-838.	1.4	4
137	Allelic clustering and ancestry-dependent frequencies of rs6232, rs6234, and rs6235 PCSK1 SNPs in a Northern Ontario population sample. <i>Journal of Community Genetics</i> , 2012, 3, 319-322.	1.2	4
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