Nabil G Seidah

List of Publications by Year
in descending order

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605 papers	43,318 citations	2309 101 h-index	4305 179 g-index
633 all docs	633 docs citations	633 times ranked	31605 citing authors

#	Article	IF	Citations
1	Mutations in PCSK9 cause autosomal dominant hypercholesterolemia. Nature Genetics, 2003, 34, 154-156.	9.4	2,532
2	Chloroquine is a potent inhibitor of SARS coronavirus infection and spread. Virology Journal, 2005, 2, 69.	1.4	1,457
3	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.	3.3	1,012
4	Proprotein and prohormone convertases: a family of subtilases generating diverse bioactive polypeptides1Published on the World Wide Web on 17 August 1999.1. Brain Research, 1999, 848, 45-62.	1.1	775
5	Automated design of ligands to polypharmacological profiles. Nature, 2012, 492, 215-220.	13.7	698
6	The Notch1 receptor is cleaved constitutively by a furin-like convertase. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8108-8112.	3.3	661
7	The biology and therapeutic targeting of the proprotein convertases. Nature Reviews Drug Discovery, 2012, 11, 367-383.	21.5	647
8	PC1 and PC2 are proprotein convertases capable of cleaving proopiomelanocortin at distinct pairs of basic residues.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3564-3568.	3.3	586
9	Statins UpregulatePCSK9, the Gene Encoding the Proprotein Convertase Neural Apoptosis-Regulated Convertase-1 Implicated in Familial Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1454-1459.	1.1	557
10	NARC-1/PCSK9 and Its Natural Mutants. Journal of Biological Chemistry, 2004, 279, 48865-48875.	1.6	544
11	cDNA Sequence of Two Distinct Pituitary Proteins Homologous to Kex2 and Furin Gene Products: Tissue-Specific mRNAs Encoding Candidates for Pro-Hormone Processing Proteinases. DNA and Cell Biology, 1990, 9, 415-424.	0.9	529
12	PCSK9. Circulation Research, 2014, 114, 1022-1036.	2.0	495
13	Biosynthesis and Post-translational Processing of the Precursor to Brain-derived Neurotrophic Factor. Journal of Biological Chemistry, 2001, 276, 12660-12666.	1.6	480
14	The family of subtilisin/kexin like pro-protein and pro-hormone convertases: Divergent or shared functions. Biochimie, 1994, 76, 197-209.	1.3	417
15	The Proprotein Convertase PCSK9 Induces the Degradation of Low Density Lipoprotein Receptor (LDLR) and Its Closest Family Members VLDLR and ApoER2. Journal of Biological Chemistry, 2008, 283, 2363-2372.	1.6	402
16	Proprotein convertase subtilisin/kexin type 9 (PCSK9): Hepatocyte-specific low-density lipoprotein receptor degradation and critical role in mouse liver regeneration. Hepatology, 2008, 48, 646-654.	3.6	354
17	Translational control of hippocampal synaptic plasticity and memory by the eIF2Î± kinase GCN2. Nature, 2005, 436, 1166-1170.	13.7	344
18	The Lassa virus glycoprotein precursor GP-C is proteolytically processed by subtilase SKI-1/S1P. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12701-12705.	3.3	316

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19	Cellular processing of the neurotrophin precursors of NT3 and BDNF by the mammalian proprotein convertases. FEBS Letters, 1996, 379, 247-250.	1.3	309
20	Delta-1 Activation of Notch-1 Signaling Results in HES-1 Transactivation. Molecular and Cellular Biology, 1998, 18, 7423-7431.	1.1	301
21	Differential Sorting of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Hippocampal Neurons. Journal of Neuroscience, 1999, 19, 2069-2080.	1.7	299
22	Endothelium-Restricted Overexpression of Human Endothelin-1 Causes Vascular Remodeling and Endothelial Dysfunction. Circulation, 2004, 110, 2233-2240.	1.6	296
23	The activation and physiological functions of the proprotein convertases. International Journal of Biochemistry and Cell Biology, 2008, 40, 1111-1125.	1.2	285
24	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. Circulation Research, 2018, 123, 1127-1142.	2.0	275
25	Mammalian subtilisin/kexin isozyme SKI-1: A widely expressed proprotein convertase with a unique cleavage specificity and cellular localization. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1321-1326.	3.3	273
26	Post-translational Processing of Î²-Secretase (Î²-Amyloid-converting Enzyme) and Its Ectodomain Shedding. Journal of Biological Chemistry, 2001, 276, 10879-10887.	1.6	273
27	Eukaryotic protein processing: endoproteolysis of precursor proteins. Current Opinion in Biotechnology, 1997, 8, 602-607.	3.3	271
28	Cellular processing of the nerve growth factor precursor by the mammalian pro-protein convertases. Biochemical Journal, 1996, 314, 951-960.	1.7	258
29	cDNA structure, tissue distribution, and chromosomal localization of rat PC7, a novel mammalian proprotein convertase closest to yeast kexin-like proteinases.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3388-3393.	3.3	250
30	The Proprotein Convertase (PC) PCSK9 Is Inactivated by Furin and/or PC5/6A. Journal of Biological Chemistry, 2006, 281, 30561-30572.	1.6	246
31	cDNA structure of the mouse and rat subtilisin/kexin-like PC5: a candidate proprotein convertase expressed in endocrine and nonendocrine cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6691-6695.	3.3	235
32	Dissection of the Endogenous Cellular Pathways of PCSK9-induced Low Density Lipoprotein Receptor Degradation. Journal of Biological Chemistry, 2009, 284, 28856-28864.	1.6	228
33	Evidence that Furin Is an Authentic Transforming Growth Factor-Î²1-Converting Enzyme. American Journal of Pathology, 2001, 158, 305-316.	1.9	220
34	Circulating Proprotein Convertase Subtilisin/Kexin 9 (PCSK9) Regulates VLDLR Protein and Triglyceride Accumulation in Visceral Adipose Tissue. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 785-791.	1.1	220
35	Amino acid sequence of homologous rat atrial peptides: natriuretic activity of native and synthetic forms.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 2640-2644.	3.3	213
36	The Cellular Trafficking of the Secretory Proprotein Convertase PCSK9 and Its Dependence on the LDLR. Traffic, 2007, 8, 718-732.	1.3	213

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37	Proprotein convertases: lessons from knockouts. FASEB Journal, 2006, 20, 1954-1963.	0.2	210
38	Strong induction of PCSK9 gene expression through HNF1Î± and SREBP2: mechanism for the resistance to LDL-cholesterol lowering effect of statins in dyslipidemic hamsters. Journal of Lipid Research, 2010, 51, 1486-1495.	2.0	208
39	A new method for measurement of total plasma PCSK9: clinical applications. Journal of Lipid Research, 2010, 51, 140-149.	2.0	197
40	Proprotein Convertases in Tumor Progression and Malignancy. American Journal of Pathology, 2002, 160, 1921-1935.	1.9	196
41	A Serine Protease Inhibitor Prevents Endoplasmic Reticulum Stress-induced Cleavage but Not Transport of the Membrane-bound Transcription Factor ATF6. Journal of Biological Chemistry, 2003, 278, 31024-31032.	1.6	194
42	Gene Inactivation of Proprotein Convertase Subtilisin/Kexin Type 9 Reduces Atherosclerosis in Mice. Circulation, 2012, 125, 894-901.	1.6	193
43	Regulation by gastric acid of the processing of progastrin-derived peptides in rat antral mucosa. Journal of Physiology, 1997, 502, 409-419.	1.3	190
44	Precursor convertases in the secretory pathway, cytosol and extracellular milieu. Essays in Biochemistry, 2002, 38, 79-94.	2.1	190
45	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.	1.8	187
46	Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Can Mediate Degradation of the Low Density Lipoprotein Receptor-Related Protein 1 (LRP-1). PLoS ONE, 2013, 8, e64145.	1.1	183
47	PCSK9 inhibition-mediated reduction in Lp(a) with evolocumab: an analysis of 10 clinical trials and the LDL receptor's role. Journal of Lipid Research, 2016, 57, 1086-1096.	2.0	180
48	Lipoprotein(a) Catabolism Is Regulated by Proprotein Convertase Subtilisin/Kexin Type 9 through the Low Density Lipoprotein Receptor. Journal of Biological Chemistry, 2015, 290, 11649-11662.	1.6	176
49	ACAT1 gene ablation increases 24(S)-hydroxycholesterol content in the brain and ameliorates amyloid pathology in mice with AD. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3081-3086.	3.3	170
50	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. Journal of Clinical Investigation, 2003, 111, 1723-1732.	3.9	170
51	A Locked Nucleic Acid Antisense Oligonucleotide (LNA) Silences PCSK9 and Enhances LDLR Expression In Vitro and In Vivo. PLoS ONE, 2010, 5, e10682.	1.1	167
52	PCSK9â€deficient mice exhibit impaired glucose tolerance and pancreatic islet abnormalities. FEBS Letters, 2010, 584, 701-706.	1.3	165
53	Identification of a biologically active circulating form of rat atrial natriuretic factor. Biochemical and Biophysical Research Communications, 1985, 130, 981-986.	1.0	164
54	Coordinated Expression of Î²-Amyloid Precursor Protein and the Putative Î²-Secretase BACE and Î±-Secretase ADAM10 in Mouse and Human Brain. Journal of Neurochemistry, 2002, 75, 2133-2143.	2.1	160

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55	Biosynthesis of beta-endorphin from beta-lipotropin and a larger molecular weight precursor in rat pars intermedia.. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 4719-4723.	3.3	157
56	Distribution and regulation of the prohormone convertases PC1 and PC2 in the rat pituitary. Molecular Endocrinology, 1992, 6, 485-497.	3.7	157
57	Impaired fertility in mice deficient for the testicular germ-cell protease PC4. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6842-6846.	3.3	156
58	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.	1.6	156
59	Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329-342.	1.7	155
60	The isoforms of proprotein convertase PC5 are sorted to different subcellular compartments.. Journal of Cell Biology, 1996, 135, 1261-1275.	2.3	152
61	Proprotein and prohormone convertases of the subtilisin family. Trends in Endocrinology and Metabolism, 1992, 3, 133-140.	3.1	151
62	The Multifaceted Proprotein Convertases: Their Unique, Redundant, Complementary, and Opposite Functions. Journal of Biological Chemistry, 2013, 288, 21473-21481.	1.6	151
63	The proprotein convertases are potential targets in the treatment of dyslipidemia. Journal of Molecular Medicine, 2007, 85, 685-696.	1.7	145
64	Isolation of peptides with opiate activity from sheep and human pituitaries: Relationship to beta-lipotropin. Biochemical and Biophysical Research Communications, 1976, 72, 472-478.	1.0	141
65	Isolation and NH2-terminal sequence of a highly conserved human and porcine pituitary protein belonging to a new superfamily. Archives of Biochemistry and Biophysics, 1983, 225, 525-534.	1.4	140
66	The Proprotein Convertases, 20 Years Later. Methods in Molecular Biology, 2011, 768, 23-57.	0.4	140
67	Alzheimer Disease AÎ² Production in the Absence of S-Palmitoylation-dependent Targeting of BACE1 to Lipid Rafts. Journal of Biological Chemistry, 2009, 284, 3793-3803.	1.6	137
68	Proteases and posttranslational processing of prohormones: a review. Canadian Journal of Biochemistry and Cell Biology, 1983, 61, 501-515.	1.3	136
69	Pro-protein convertase gene expression in human breast cancer. , 1997, 71, 966-971.		135
70	Rosuvastatin, Proprotein Convertase Subtilisin/Kexin Type 9 Concentrations, and LDL Cholesterol Response: the JUPITER Trial. Clinical Chemistry, 2012, 58, 183-189.	1.5	133
71	Crimean-Congo Hemorrhagic Fever Virus Glycoprotein Proteolytic Processing by Subtilase SKI-1. Journal of Virology, 2003, 77, 8640-8649.	1.5	132
72	Annexin A2 Is a C-terminal PCSK9-binding Protein That Regulates Endogenous Low Density Lipoprotein Receptor Levels. Journal of Biological Chemistry, 2008, 283, 31791-31801.	1.6	132

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73	In Vivo Evidence That Furin from Hepatocytes Inactivates PCSK9. Journal of Biological Chemistry, 2011, 286, 4257-4263.	1.6	132
74	The Pore-forming Toxin Proaerolysin Is Activated by Furin. Journal of Biological Chemistry, 1998, 273, 32656-32661.	1.6	130
75	The Subtilisin/Kexin Family of Precursor Convertases: Emphasis on PC1, PC2/7B2, POMC and the Novel Enzyme SKIâ€1. Annals of the New York Academy of Sciences, 1999, 885, 57-74.	1.8	130
76	Aortic calcification: Novel insights from familial hypercholesterolemia and potential role for the low-density lipoprotein receptor. Atherosclerosis, 2013, 226, 9-15.	0.4	130
77	Isolation and NH2-terminal sequence of a novel porcine anterior pituitary polypeptide. FEBS Letters, 1982, 147, 261-266.	1.3	129
78	PCSK9 impedes hepatitis C virus infectionin vitroand modulates liver CD81 expression. Hepatology, 2009, 50, 17-24.	3.6	129
79	Role of prohormone convertases in the tissue-specific processing of proglucagon. Molecular Endocrinology, 1996, 10, 342-355.	3.7	127
80	Molecular cloning and characterization of DNA sequences encoding rat and human atrial natriuretic factors.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 6325-6329.	3.3	125
81	Ontogeny of the prohormone convertases PC1 and PC2 in the mouse hypophysis and their colocalization with corticotropin and alpha-melanotropin.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4922-4926.	3.3	125
82	Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329.	1.7	123
83	The Prosegments of Furin and PC7 as Potent Inhibitors of Proprotein Convertases. Journal of Biological Chemistry, 1999, 274, 33913-33920.	1.6	122
84	Primary structure of a high M r form of rat atrial natriuretic factor. FEBS Letters, 1984, 167, 352-356.	1.3	118
85	PCSK9 plays a significant role in cholesterol homeostasis and lipid transport in intestinal epithelial cells. Atherosclerosis, 2013, 227, 297-306.	0.4	118
86	Comparative analysis of expression of the proprotein convertases furin, PACE4, PC1 and PC2 in human lung tumours. British Journal of Cancer, 1997, 75, 1509-1514.	2.9	116
87	Testicular expression of PC4 in the rat: molecular diversity of a novel germ cell-specific Kex2/subtilisin-like proprotein convertase. Molecular Endocrinology, 1992, 6, 1559-1570.	3.7	115
88	Neurotrophin-3 Sorts to the Constitutive Secretory Pathway of Hippocampal Neurons and Is Diverted to the Regulated Secretory Pathway by Coexpression with Brain-Derived Neurotrophic Factor. Journal of Neuroscience, 2000, 20, 4059-4068.	1.7	114
89	Inhibition of Chikungunya Virus Infection in Cultured Human Muscle Cells by Furin Inhibitors. Journal of Biological Chemistry, 2008, 283, 21899-21908.	1.6	114
90	NH2-terminal fragment of rat pro-atrial natriuretic factor in the circulation: Identification, radioimmunoassay and half-life. Peptides, 1988, 9, 47-53.	1.2	113

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91	Constitutive Î±-secretase cleavage of the Î²-amyloid precursor protein in the furin-deficient LoVo cell line: involvement of the pro-hormone convertase 7 and the disintegrin metalloprotease ADAM10. Journal of Neurochemistry, 2001, 76, 1532-1539.	2.1	113
92	A novel assay uncovers an unexpected role for SR-BI in LDL transcytosis. Cardiovascular Research, 2015, 108, 268-277.	1.8	112
93	VACTERL/caudal regression/Currarino syndrome-like malformations in mice with mutation in the proprotein convertasePcsk5. Genes and Development, 2008, 22, 1465-1477.	2.7	110
94	PCSK9 as a therapeutic target of dyslipidemia. Expert Opinion on Therapeutic Targets, 2009, 13, 19-28.	1.5	110
95	Differential Expression of PCSK9 Modulates Infection, Inflammation, and Coagulation in a Murine Model of Sepsis. Shock, 2016, 46, 672-680.	1.0	110
96	Identification of the Paired Basic Convertases Implicated in HIV gp160 Processing Based on in Vitro Assays and Expression in CD4+ Cell Lines. Journal of Biological Chemistry, 1996, 271, 30442-30450.	1.6	109
97	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. Journal of Clinical Investigation, 2003, 111, 1723-1732.	3.9	109
98	Selective inhibition of proprotein convertases represses the metastatic potential of human colorectal tumor cells. Journal of Clinical Investigation, 2008, 118, 352-363.	3.9	109
99	Tissue Distribution and Molecular Forms of a Novel Pituitary Protein in the Rat. Neuroendocrinology, 1984, 39, 453-458.	1.2	107
100	Complete amino acid sequence of human seminal plasma Î²-inhibin. FEBS Letters, 1984, 175, 349-355.	1.3	105
101	Comparative cellular processing of the human immunodeficiency virus (HIV-1) envelope glycoprotein gp160 by the mammalian subtilisin/kexin-like convertases. Biochemical Journal, 1996, 314, 521-532.	1.7	105
102	Furin-Like Proprotein Convertases Are Central Regulators of the Membrane Type Matrix Metalloproteinaseâ€“Pro-Matrix Metalloproteinase-2 Proteolytic Cascade in Atherosclerosis. Circulation, 2005, 111, 2820-2827.	1.6	103
103	Inhibition of proprotein convertases-1, -7 and furin by diterpines of Andrographis paniculata and their succinoyl esters. Biochemical Journal, 1999, 338, 107-113.	1.7	102
104	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. Clinical Chemistry, 2011, 57, 1415-1423.	1.5	101
105	Biosynthesis and Cellular Trafficking of the Convertase SKI-1/S1P. Journal of Biological Chemistry, 2002, 277, 11265-11275.	1.6	100
106	Regulation of matrix metalloproteinase MT1-MMP/MMP-2 in cardiac fibroblasts by TGF-Î²1 involves furin-convertase. Cardiovascular Research, 2004, 63, 87-97.	1.8	100
107	Implication of the proprotein convertase NARC-1/PCSK9 in the development of the nervous system. Journal of Neurochemistry, 2006, 98, 838-850.	2.1	99
108	In vivo functions of the proprotein convertase PC5/6 during mouse development: Gdf11 is a likely substrate. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5750-5755.	3.3	99

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109	The Mouse Homeoprotein mLIM-3 Is Expressed Early in Cells Derived from the Neuroepithelium and Persists in Adult Pituitary. DNA and Cell Biology, 1994, 13, 1163-1180.	0.9	98
110	Rapid development of sensitive, high-throughput, quantitative and highly selective mass spectrometric targeted immunoassays for clinically important proteins in human plasma and serum. Clinical Biochemistry, 2013, 46, 399-410.	0.8	98
111	Annexin A2 Is a Natural Extrahepatic Inhibitor of the PCSK9-Induced LDL Receptor Degradation. PLoS ONE, 2012, 7, e41865.	1.1	98
112	The C-terminal Region of proSAAS Is a Potent Inhibitor of Prohormone Convertase 1. Journal of Biological Chemistry, 2000, 275, 23596-23601.	1.6	96
113	Structure-activity relationships of atrial natriuretic factor (ANF). I. Natriuretic activity and relaxation of intestinal smooth muscle. Biochemical and Biophysical Research Communications, 1984, 125, 938-946.	1.0	95
114	Proprotein Convertase Subtilisin/Kexin Type 9 Deficiency Reduces Melanoma Metastasis in Liver. Neoplasia, 2012, 14, 1122-IN5.	2.3	94
115	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. Journal of Neuroscience, 1997, 17, 563-575.	1.7	93
116	Wild-type PCSK9 inhibits LDL clearance but does not affect apoB-containing lipoprotein production in mouse and cultured cells. Journal of Lipid Research, 2005, 46, 1312-1319.	2.0	93
117	Atorvastatin increases intestinal expression of NPC1L1 in hyperlipidemic men. Journal of Lipid Research, 2011, 52, 558-565.	2.0	92
118	Identification and characterization of new gain-of-function mutations in the PCSK9 gene responsible for autosomal dominant hypercholesterolemia. Atherosclerosis, 2012, 223, 394-400.	0.4	92
119	Concomitant synthesis of beta-endorphin and alpha-melanotropin from two forms of pro-opiomelanocortin in the rat pars intermedia.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 5085-5089.	3.3	91
120	7B2 Is a Specific Intracellular Binding Protein of the Prohormone Convertase PC2. Journal of Neurochemistry, 1995, 64, 2303-2311.	2.1	91
121	Proprotein Covertases Are Responsible for Proteolysis and Inactivation of Endothelial Lipase. Journal of Biological Chemistry, 2005, 280, 36551-36559.	1.6	91
122	The Proprotein Convertase PC5A and a Metalloprotease Are Involved in the Proteolytic Processing of the Neural Adhesion Molecule L1. Journal of Biological Chemistry, 2003, 278, 10381-10388.	1.6	90
123	The Proprotein Convertases in Hypercholesterolemia and Cardiovascular Diseases: Emphasis on Proprotein Convertase Subtilisin/Kexin 9. Pharmacological Reviews, 2017, 69, 33-52.	7.1	90
124	Gene structure and chromosomal localization of plasma kallikrein. Biochemistry, 1991, 30, 1628-1635.	1.2	89
125	Chemistry and biosynthesis of pro-opiomelanocortin. Molecular and Cellular Biochemistry, 1981, 34, 101-127.	1.4	88
126	Î±1-Antitrypsin Portland Inhibits Processing of Precursors Mediated by Proprotein Convertases Primarily within the Constitutive Secretory Pathway. Journal of Biological Chemistry, 1997, 272, 26210-26218.	1.6	88

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127	The Cysteine-rich Domain of the Secreted Proprotein Convertases PC5A and PACE4 Functions as a Cell Surface Anchor and Interacts with Tissue Inhibitors of Metalloproteinases. Molecular Biology of the Cell, 2005, 16, 5215-5226.	0.9	88
128	The proprotein convertases and their implication in sterol and/or lipid metabolism. Biological Chemistry, 2006, 387, 871-7.	1.2	88
129	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. Biochemical Journal, 2001, 353, 537-545.	1.7	87
130	Dual regulation of the LDL receptorâ€"Some clarity and new questions. Cell Metabolism, 2005, 1, 290-292.	7.2	87
131	Chromogranin B (secretogranin I), a putative precursor of two novel pituitary peptides through processing at paired basic residues. FEBS Letters, 1987, 224, 142-148.	1.3	84
132	[13] Pro-protein convertases of subtilisin/kexin family. Methods in Enzymology, 1994, 244, 175-188.	0.4	84
133	APOE p.Leu167del mutation in familial hypercholesterolemia. Atherosclerosis, 2013, 231, 218-222.	0.4	84
134	Primary structure determination of Escherichia coli heat-stable enterotoxin of porcine origin. Canadian Journal of Biochemistry and Cell Biology, 1983, 61, 287-292.	1.3	82
135	Mammalian Paired Basic Amino Acid Convertases of Prohormones and Proproteins. Annals of the New York Academy of Sciences, 1993, 680, 135-146.	1.8	82
136	Plasma PCSK9 levels correlate with cholesterol in men but not in women. Biochemical and Biophysical Research Communications, 2007, 361, 451-456.	1.0	82
137	In Vitro Characterization of the Novel Proprotein Convertase PC7. Journal of Biological Chemistry, 1997, 272, 19672-19681.	1.6	81
138	Chromogranin A can act as a reversible processing enzyme inhibitor. FEBS Letters, 1987, 211, 144-150.	1.3	80
139	Fluorescent Peptidyl Substrates as an Aid in Studying the Substrate Specificity of Human Prohormone Convertase PC1 and Human Furin and Designing a Potent Irreversible Inhibitor. Journal of Biological Chemistry, 1995, 270, 19225-19231.	1.6	80
140	The Regulated Cell Surface Zymogen Activation of the Proprotein Convertase PC5A Directs the Processing of Its Secretory Substrates. Journal of Biological Chemistry, 2008, 283, 2373-2384.	1.6	80
141	Biosynthesis and Enzymatic Characterization of Human SKI-1/S1P and the Processing of Its Inhibitory Prosegment. Journal of Biological Chemistry, 2000, 275, 2349-2358.	1.6	79
142	Processing of secretogranin II by prohormone convertases: Importance ofPC1 in generation of secretoneurin. FEBS Letters, 1995, 360, 294-298.	1.3	78
143	Comparative proteolytic processing of rat prosomatostatin by the convertases PC1, PC2, furin, PACE4 and PC5 in constitutive and regulated secretory pathways. FEBS Letters, 1995, 362, 143-146.	1.3	78
144	Purification of three rat atrial natriuretic factors and their amino acid composition. FEBS Letters, 1983, 164, 286-290.	1.3	77

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145	PCSK9 reduces the protein levels of the LDL receptor in mouse brain during development and after ischemic stroke. Journal of Lipid Research, 2011, 52, 1383-1391.	2.0	77
146	Processing of Human Toll-like Receptor 7 by Furin-like Proprotein Convertases Is Required for Its Accumulation and Activity in Endosomes. Immunity, 2013, 39, 711-721.	6.6	77
147	The family of pro-hormone and pro-protein convertases. Biochemical Society Transactions, 1993, 21, 685-691.	1.6	76
148	Processing of prodynorphin by the prohormone convertase PC1 results in high molecular weight intermediate forms. FEBS Letters, 1994, 337, 60-65.	1.3	75
149	The Multifaceted Biology of PCSK9. Endocrine Reviews, 2022, 43, 558-582.	8.9	75
150	What lies ahead for the proprotein convertases?. Annals of the New York Academy of Sciences, 2011, 1220, 149-161.	1.8	74
151	Disruption of the expression of the proprotein convertase PC7 reduces BDNF production and affects learning and memory in mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17362-17367.	3.3	74
152	Isolation, structure, and synthesis of a human seminal plasma peptide with inhibin-like activity. Science, 1984, 223, 1199-1202.	6.0	73
153	Characterization of structural determinants and molecular mechanisms involved in pro-stromelysin-3 activation by 4-aminophenylmercuric acetate and furin-type convertases. Biochemical Journal, 1996, 315, 953-958.	1.7	73
154	Deletion of the Gene Encoding Proprotein Convertase 5/6 Causes Early Embryonic Lethality in the Mouse. Molecular and Cellular Biology, 2006, 26, 354-361.	1.1	73
155	Molecular Cloning and Sequence of the cDNA for a 94-Amino-Acid Seminal Plasma Protein Secreted by the Human Prostate. DNA and Cell Biology, 1987, 6, 23-29.	5.1	71
156	Proparathyroid Hormone Is Preferentially Cleaved to Parathyroid Hormone by the Prohormone Convertase Furin. Journal of Biological Chemistry, 1995, 270, 9517-9525.	1.6	71
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