

# Nabil G Seidah

## List of Publications by Year in descending order

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609  
papers

43,318  
citations

1994

101  
h-index

3732

179  
g-index

633  
all docs

633  
docs citations

633  
times ranked

28861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in PCSK9 cause autosomal dominant hypercholesterolemia. <i>Nature Genetics</i> , 2003, 34, 154-156.	21.4	2,532
2	Chloroquine is a potent inhibitor of SARS coronavirus infection and spread. <i>Virology Journal</i> , 2005, 2, 69.	3.4	1,457
3	The secretory proprotein convertase neural apoptosis-regulated convertase 1 (NARC-1): Liver regeneration and neuronal differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 928-933.	7.1	1,012
4	Proprotein and prohormone convertases: a family of subtilases generating diverse bioactive polypeptides. <i>Brain Research</i> , 1999, 848, 45-62. Published on the World Wide Web on 17 August 1999.1.	2.2	775
5	Automated design of ligands to polypharmacological profiles. <i>Nature</i> , 2012, 492, 215-220.	27.8	698
6	The Notch1 receptor is cleaved constitutively by a furin-like convertase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8108-8112.	7.1	661
7	The biology and therapeutic targeting of the proprotein convertases. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 367-383.	46.4	647
8	PC1 and PC2 are proprotein convertases capable of cleaving proopiomelanocortin at distinct pairs of basic residues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 3564-3568.	7.1	586
9	Statins Upregulate PCSK9, the Gene Encoding the Proprotein Convertase Neural Apoptosis-Regulated Convertase-1 Implicated in Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1454-1459.	2.4	557
10	NARC-1/PCSK9 and Its Natural Mutants. <i>Journal of Biological Chemistry</i> , 2004, 279, 48865-48875.	3.4	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. <i>DNA and Cell Biology</i> , 1990, 9, 415-424.	1.9	529
12	PCSK9. <i>Circulation Research</i> , 2014, 114, 1022-1036.	4.5	495
13	Biosynthesis and Post-translational Processing of the Precursor to Brain-derived Neurotrophic Factor. <i>Journal of Biological Chemistry</i> , 2001, 276, 12660-12666.	3.4	480
14	The family of subtilisin/kexin like pro-protein and pro-hormone convertases: Divergent or shared functions. <i>Biochimie</i> , 1994, 76, 197-209.	2.6	417
15	The Proprotein Convertase PCSK9 Induces the Degradation of Low Density Lipoprotein Receptor (LDLR) and Its Closest Family Members VLDLR and ApoER2. <i>Journal of Biological Chemistry</i> , 2008, 283, 2363-2372.	3.4	402
16	Proprotein convertase subtilisin/kexin type 9 (PCSK9): Hepatocyte-specific low-density lipoprotein receptor degradation and critical role in mouse liver regeneration. <i>Hepatology</i> , 2008, 48, 646-654.	7.3	354
17	Translational control of hippocampal synaptic plasticity and memory by the eIF2 $\gamma$ kinase GCN2. <i>Nature</i> , 2005, 436, 1166-1170.	27.8	344
18	The Lassa virus glycoprotein precursor GP-C is proteolytically processed by subtilase SKI-1/S1P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12701-12705.	7.1	316

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19	Cellular processing of the neurotrophin precursors of NT3 and BDNF by the mammalian proprotein convertases. <i>FEBS Letters</i> , 1996, 379, 247-250.	2.8	309
20	Delta-1 Activation of Notch-1 Signaling Results in <i>&lt;i&gt;HES-1&lt;/i&gt;</i> Transactivation. <i>Molecular and Cellular Biology</i> , 1998, 18, 7423-7431.	2.3	301
21	Differential Sorting of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1999, 19, 2069-2080.	3.6	299
22	Endothelium-Restricted Overexpression of Human Endothelin-1 Causes Vascular Remodeling and Endothelial Dysfunction. <i>Circulation</i> , 2004, 110, 2233-2240.	1.6	296
23	The activation and physiological functions of the proprotein convertases. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1111-1125.	2.8	285
24	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. <i>Circulation Research</i> , 2018, 123, 1127-1142.	4.5	275
25	Mammalian subtilisin/kexin isozyme SKI-1: A widely expressed proprotein convertase with a unique cleavage specificity and cellular localization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1321-1326.	7.1	273
26	Post-translational Processing of $\beta$ -Secretase ( $\beta$ -Amyloid-converting Enzyme) and Its Ectodomain Shedding. <i>Journal of Biological Chemistry</i> , 2001, 276, 10879-10887.	3.4	273
27	Eukaryotic protein processing: endoproteolysis of precursor proteins. <i>Current Opinion in Biotechnology</i> , 1997, 8, 602-607.	6.6	271
28	Cellular processing of the nerve growth factor precursor by the mammalian pro-protein convertases. <i>Biochemical Journal</i> , 1996, 314, 951-960.	3.7	258
29	cDNA structure, tissue distribution, and chromosomal localization of rat PC7, a novel mammalian proprotein convertase closest to yeast kexin-like proteinases.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 3388-3393.	7.1	250
30	The Proprotein Convertase (PC) PCSK9 Is Inactivated by Furin and/or PC5/6A. <i>Journal of Biological Chemistry</i> , 2006, 281, 30561-30572.	3.4	246
31	cDNA structure of the mouse and rat subtilisin/kexin-like PC5: a candidate proprotein convertase expressed in endocrine and nonendocrine cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6691-6695.	7.1	235
32	Dissection of the Endogenous Cellular Pathways of PCSK9-induced Low Density Lipoprotein Receptor Degradation. <i>Journal of Biological Chemistry</i> , 2009, 284, 28856-28864.	3.4	228
33	Evidence that Furin Is an Authentic Transforming Growth Factor- $\beta$ 1-Converting Enzyme. <i>American Journal of Pathology</i> , 2001, 158, 305-316.	3.8	220
34	Circulating Proprotein Convertase Subtilisin/Kexin 9 (PCSK9) Regulates VLDLR Protein and Triglyceride Accumulation in Visceral Adipose Tissue. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 785-791.	2.4	220
35	Amino acid sequence of homologous rat atrial peptides: natriuretic activity of native and synthetic forms.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 2640-2644.	7.1	213
36	The Cellular Trafficking of the Secretory Proprotein Convertase PCSK9 and Its Dependence on the LDLR. <i>Traffic</i> , 2007, 8, 718-732.	2.7	213

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37	Proprotein convertases: lessons from knockouts. <i>FASEB Journal</i> , 2006, 20, 1954-1963.	0.5	210
38	Strong induction of PCSK9 gene expression through HNF1 $\alpha$ and SREBP2: mechanism for the resistance to LDL-cholesterol lowering effect of statins in dyslipidemic hamsters. <i>Journal of Lipid Research</i> , 2010, 51, 1486-1495.	4.2	208
39	A new method for measurement of total plasma PCSK9: clinical applications. <i>Journal of Lipid Research</i> , 2010, 51, 140-149.	4.2	197
40	Proprotein Convertases in Tumor Progression and Malignancy. <i>American Journal of Pathology</i> , 2002, 160, 1921-1935.	3.8	196
41	A Serine Protease Inhibitor Prevents Endoplasmic Reticulum Stress-induced Cleavage but Not Transport of the Membrane-bound Transcription Factor ATF6. <i>Journal of Biological Chemistry</i> , 2003, 278, 31024-31032.	3.4	194
42	Gene Inactivation of Proprotein Convertase Subtilisin/Kexin Type 9 Reduces Atherosclerosis in Mice. <i>Circulation</i> , 2012, 125, 894-901.	1.6	193
43	Regulation by gastric acid of the processing of progastrin-derived peptides in rat antral mucosa. <i>Journal of Physiology</i> , 1997, 502, 409-419.	2.9	190
44	Precursor convertases in the secretory pathway, cytosol and extracellular milieu. <i>Essays in Biochemistry</i> , 2002, 38, 79-94.	4.7	190
45	Precursor Convertases: An Evolutionary Ancient, Cell-Specific, Combinatorial Mechanism Yielding Diverse Bioactive Peptides and Proteins. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 9-24.	3.8	187
46	Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Can Mediate Degradation of the Low Density Lipoprotein Receptor-Related Protein 1 (LRP-1). <i>PLoS ONE</i> , 2013, 8, e64145.	2.5	183
47	PCSK9 inhibition-mediated reduction in Lp(a) with evolocumab: an analysis of 10 clinical trials and the LDL receptor's role. <i>Journal of Lipid Research</i> , 2016, 57, 1086-1096.	4.2	180
48	Lipoprotein(a) Catabolism Is Regulated by Proprotein Convertase Subtilisin/Kexin Type 9 through the Low Density Lipoprotein Receptor. <i>Journal of Biological Chemistry</i> , 2015, 290, 11649-11662.	3.4	176
49	ACAT1 gene ablation increases 24(S)-hydroxycholesterol content in the brain and ameliorates amyloid pathology in mice with AD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3081-3086.	7.1	170
50	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	170
51	A Locked Nucleic Acid Antisense Oligonucleotide (LNA) Silences PCSK9 and Enhances LDLR Expression In Vitro and In Vivo. <i>PLoS ONE</i> , 2010, 5, e10682.	2.5	167
52	PCSK9-deficient mice exhibit impaired glucose tolerance and pancreatic islet abnormalities. <i>FEBS Letters</i> , 2010, 584, 701-706.	2.8	165
53	Identification of a biologically active circulating form of rat atrial natriuretic factor. <i>Biochemical and Biophysical Research Communications</i> , 1985, 130, 981-986.	2.1	164
54	Coordinated Expression of $\beta$ -Amyloid Precursor Protein and the Putative Secretase BACE and Secretase ADAM10 in Mouse and Human Brain. <i>Journal of Neurochemistry</i> , 2000, 75, 2133-2143.	3.9	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.	7.1	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.	7.1	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.	3.4	156
59	Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329-342.	3.7	155
60	The isoforms of proprotein convertase PC5 are sorted to different subcellular compartments.. Journal of Cell Biology, 1996, 135, 1261-1275.	5.2	152
61	Proprotein and prohormone convertases of the subtilisin family. Trends in Endocrinology and Metabolism, 1992, 3, 133-140.	7.1	151
62	The Multifaceted Proprotein Convertases: Their Unique, Redundant, Complementary, and Opposite Functions. Journal of Biological Chemistry, 2013, 288, 21473-21481.	3.4	151
63	The proprotein convertases are potential targets in the treatment of dyslipidemia. Journal of Molecular Medicine, 2007, 85, 685-696.	3.9	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.	2.1	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.	3.0	140
66	The Proprotein Convertases, 20 Years Later. Methods in Molecular Biology, 2011, 768, 23-57.	0.9	140
67	Alzheimer Disease A $\beta$ Production in the Absence of S-Palmitoylation-dependent Targeting of BACE1 to Lipid Rafts. Journal of Biological Chemistry, 2009, 284, 3793-3803.	3.4	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.	3.2	133
71	Crimean-Congo Hemorrhagic Fever Virus Glycoprotein Proteolytic Processing by Subtilase SKI-1. Journal of Virology, 2003, 77, 8640-8649.	3.4	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.	3.4	132

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73	In Vivo Evidence That Furin from Hepatocytes Inactivates PCSK9. <i>Journal of Biological Chemistry</i> , 2011, 286, 4257-4263.	3.4	132
74	The Pore-forming Toxin Proaerolysin Is Activated by Furin. <i>Journal of Biological Chemistry</i> , 1998, 273, 32656-32661.	3.4	130
75	The Subtilisin/Kexin Family of Precursor Convertases: Emphasis on PC1, PC2/7B2, POMC and the Novel Enzyme SKI1. <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 57-74.	3.8	130
76	Aortic calcification: Novel insights from familial hypercholesterolemia and potential role for the low-density lipoprotein receptor. <i>Atherosclerosis</i> , 2013, 226, 9-15.	0.8	130
77	Isolation and NH <sub>2</sub> -terminal sequence of a novel porcine anterior pituitary polypeptide. <i>FEBS Letters</i> , 1982, 147, 261-266.	2.8	129
78	PCSK9 impedes hepatitis C virus infection <i>in vitro</i> and modulates liver CD81 expression. <i>Hepatology</i> , 2009, 50, 17-24.	7.3	129
79	Role of prohormone convertases in the tissue-specific processing of proglucagon. <i>Molecular Endocrinology</i> , 1996, 10, 342-355.	3.7	127
80	Molecular cloning and characterization of DNA sequences encoding rat and human atrial natriuretic factors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 6325-6329.	7.1	125
81	Ontogeny of the prohormone convertases PC1 and PC2 in the mouse hypophysis and their colocalization with corticotropin and alpha-melanotropin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 4922-4926.	7.1	125
82	Neuroendocrine secretory protein 7B2: structure, expression and functions. <i>Biochemical Journal</i> , 2001, 357, 329.	3.7	123
83	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
84	Primary structure of a high M <sub>r</sub> form of rat atrial natriuretic factor. <i>FEBS Letters</i> , 1984, 167, 352-356.	2.8	118
85	PCSK9 plays a significant role in cholesterol homeostasis and lipid transport in intestinal epithelial cells. <i>Atherosclerosis</i> , 2013, 227, 297-306.	0.8	118
86	Comparative analysis of expression of the proprotein convertases furin, PACE4, PC1 and PC2 in human lung tumours. <i>British Journal of Cancer</i> , 1997, 75, 1509-1514.	6.4	116
87	Testicular expression of PC4 in the rat: molecular diversity of a novel germ cell-specific Kex2/subtilisin-like proprotein convertase. <i>Molecular Endocrinology</i> , 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. <i>Journal of Neuroscience</i> , 2000, 20, 4059-4068.	3.6	114
89	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
90	NH <sub>2</sub> -terminal fragment of rat pro-atrial natriuretic factor in the circulation: Identification, radioimmunoassay and half-life. <i>Peptides</i> , 1988, 9, 47-53.	2.4	113

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91	Constitutive $\beta$ -secretase cleavage of the $\beta$ -amyloid precursor protein in the furin-deficient LoVo cell line: involvement of the pro-hormone convertase 7 and the disintegrin metalloprotease ADAM10. <i>Journal of Neurochemistry</i> , 2001, 76, 1532-1539.	3.9	113
92	A novel assay uncovers an unexpected role for SR-BI in LDL transcytosis. <i>Cardiovascular Research</i> , 2015, 108, 268-277.	3.8	112
93	VACTERL/caudal regression/Currarino syndrome-like malformations in mice with mutation in the proprotein convertase <i>Pcsk5</i> . <i>Genes and Development</i> , 2008, 22, 1465-1477.	5.9	110
94	PCSK9 as a therapeutic target of dyslipidemia. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 19-28.	3.4	110
95	Differential Expression of PCSK9 Modulates Infection, Inflammation, and Coagulation in a Murine Model of Sepsis. <i>Shock</i> , 2016, 46, 672-680.	2.1	110
96	Identification of the Paired Basic Convertases Implicated in HIV gp160 Processing Based on in Vitro Assays and Expression in CD4+ Cell Lines. <i>Journal of Biological Chemistry</i> , 1996, 271, 30442-30450.	3.4	109
97	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
98	Selective inhibition of proprotein convertases represses the metastatic potential of human colorectal tumor cells. <i>Journal of Clinical Investigation</i> , 2008, 118, 352-363.	8.2	109
99	Tissue Distribution and Molecular Forms of a Novel Pituitary Protein in the Rat. <i>Neuroendocrinology</i> , 1984, 39, 453-458.	2.5	107
100	Complete amino acid sequence of human seminal plasma $\beta$ -inhibin. <i>FEBS Letters</i> , 1984, 175, 349-355.	2.8	105
101	Comparative cellular processing of the human immunodeficiency virus (HIV-1) envelope glycoprotein gp160 by the mammalian subtilisin/hexin-like convertases. <i>Biochemical Journal</i> , 1996, 314, 521-532.	3.7	105
102	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
103	Inhibition of proprotein convertases-1, -7 and furin by diterpenes of <i>Andrographis paniculata</i> and their succinoyl esters. <i>Biochemical Journal</i> , 1999, 338, 107-113.	3.7	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. <i>Clinical Chemistry</i> , 2011, 57, 1415-1423.	3.2	101
105	Biosynthesis and Cellular Trafficking of the Convertase SKI-1/S1P. <i>Journal of Biological Chemistry</i> , 2002, 277, 11265-11275.	3.4	100
106	Regulation of matrix metalloproteinase MT1-MMP/MMP-2 in cardiac fibroblasts by TGF- $\beta$ 1 involves furin-convertase. <i>Cardiovascular Research</i> , 2004, 63, 87-97.	3.8	100
107	Implication of the proprotein convertase NARC-1/PCSK9 in the development of the nervous system. <i>Journal of Neurochemistry</i> , 2006, 98, 838-850.	3.9	99
108	<i>In vivo</i> functions of the proprotein convertase PC5/6 during mouse development: Gdf11 is a likely substrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5750-5755.	7.1	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. <i>DNA and Cell Biology</i> , 1994, 13, 1163-1180.	1.9	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. <i>Clinical Biochemistry</i> , 2013, 46, 399-410.	1.9	98
111	Annexin A2 Is a Natural Extrahepatic Inhibitor of the PCSK9-Induced LDL Receptor Degradation. <i>PLoS ONE</i> , 2012, 7, e41865.	2.5	98
112	The C-terminal Region of proSAAS Is a Potent Inhibitor of Prohormone Convertase 1. <i>Journal of Biological Chemistry</i> , 2000, 275, 23596-23601.	3.4	96
113	Structure-activity relationships of atrial natriuretic factor (ANF). I. Natriuretic activity and relaxation of intestinal smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , 1984, 125, 938-946.	2.1	95
114	Proprotein Convertase Subtilisin/Kexin Type 9 Deficiency Reduces Melanoma Metastasis in Liver. <i>Neoplasia</i> , 2012, 14, 1122-IN5.	5.3	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. <i>Journal of Neuroscience</i> , 1997, 17, 563-575.	3.6	93
116	Wild-type PCSK9 inhibits LDL clearance but does not affect apoB-containing lipoprotein production in mouse and cultured cells. <i>Journal of Lipid Research</i> , 2005, 46, 1312-1319.	4.2	93
117	Atorvastatin increases intestinal expression of NPC1L1 in hyperlipidemic men. <i>Journal of Lipid Research</i> , 2011, 52, 558-565.	4.2	92
118	Identification and characterization of new gain-of-function mutations in the PCSK9 gene responsible for autosomal dominant hypercholesterolemia. <i>Atherosclerosis</i> , 2012, 223, 394-400.	0.8	92
119	Concomitant synthesis of beta-endorphin and alpha-melanotropin from two forms of pro-opiomelanocortin in the rat pars intermedia.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 5085-5089.	7.1	91
120	7B2 Is a Specific Intracellular Binding Protein of the Prohormone Convertase PC2. <i>Journal of Neurochemistry</i> , 1995, 64, 2303-2311.	3.9	91
121	Proprotein Covertases Are Responsible for Proteolysis and Inactivation of Endothelial Lipase. <i>Journal of Biological Chemistry</i> , 2005, 280, 36551-36559.	3.4	91
122	The Proprotein Convertase PC5A and a Metalloprotease Are Involved in the Proteolytic Processing of the Neural Adhesion Molecule L1. <i>Journal of Biological Chemistry</i> , 2003, 278, 10381-10388.	3.4	90
123	The Proprotein Convertases in Hypercholesterolemia and Cardiovascular Diseases: Emphasis on Proprotein Convertase Subtilisin/Kexin 9. <i>Pharmacological Reviews</i> , 2017, 69, 33-52.	16.0	90
124	Gene structure and chromosomal localization of plasma kallikrein. <i>Biochemistry</i> , 1991, 30, 1628-1635.	2.5	89
125	Chemistry and biosynthesis of pro-opiomelanocortin. <i>Molecular and Cellular Biochemistry</i> , 1981, 34, 101-127.	3.1	88
126	±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

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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. <i>Molecular Biology of the Cell</i> , 2005, 16, 5215-5226.	2.1	88
128	The proprotein convertases and their implication in sterol and/or lipid metabolism. <i>Biological Chemistry</i> , 2006, 387, 871-7.	2.5	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. <i>Biochemical Journal</i> , 2001, 353, 537-545.	3.7	87
130	Dual regulation of the LDL receptor—Some clarity and new questions. <i>Cell Metabolism</i> , 2005, 1, 290-292.	16.2	87
131	Chromogranin B (secretogranin I), a putative precursor of two novel pituitary peptides through processing at paired basic residues. <i>FEBS Letters</i> , 1987, 224, 142-148.	2.8	84
132	[13] Pro-protein convertases of subtilisin/kexin family. <i>Methods in Enzymology</i> , 1994, 244, 175-188.	1.0	84
133	APOE p.Leu167del mutation in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2013, 231, 218-222.	0.8	84
134	Primary structure determination of <i>Escherichia coli</i> heat-stable enterotoxin of porcine origin. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1983, 61, 287-292.	1.3	82
135	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
136	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
137	In Vitro Characterization of the Novel Proprotein Convertase PC7. <i>Journal of Biological Chemistry</i> , 1997, 272, 19672-19681.	3.4	81
138	Chromogranin A can act as a reversible processing enzyme inhibitor. <i>FEBS Letters</i> , 1987, 211, 144-150.	2.8	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. <i>Journal of Biological Chemistry</i> , 1995, 270, 19225-19231.	3.4	80
140	The Regulated Cell Surface Zymogen Activation of the Proprotein Convertase PC5A Directs the Processing of Its Secretory Substrates. <i>Journal of Biological Chemistry</i> , 2008, 283, 2373-2384.	3.4	80
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