

# Laurent Taupenot

## List of Publications by Year in descending order

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64  
papers

3,050  
citations

159573

30  
h-index

161844

54  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2829  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chromogranin Secretogranin Family. <i>New England Journal of Medicine</i> , 2003, 348, 1134-1149.	27.0	770
2	Processing of Chromogranin B in Bovine Adrenal Medulla. Identification of Secretolytin, the Endogenous C-Terminal Fragment of Residues 614-626 with Antibacterial Activity. <i>FEBS Journal</i> , 1995, 229, 356-368.	0.2	106
3	The Neuroendocrine Peptide Catestatin Is a Cutaneous Antimicrobial and Induced in the Skin after Injury. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1525-1534.	0.7	103
4	Tyrosine Hydroxylase, the Rate-Limiting Enzyme in Catecholamine Biosynthesis. <i>Circulation</i> , 2007, 116, 993-1006.	1.6	89
5	Chromogranin A Induces a Neurotoxic Phenotype in Brain Microglial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 14339-14346.	3.4	88
6	Functional allelic heterogeneity and pleiotropy of a repeat polymorphism in tyrosine hydroxylase: prediction of catecholamines and response to stress in twins. <i>Physiological Genomics</i> , 2004, 19, 277-291.	2.3	80
7	Pancreastatin: Multiple Actions on Human Intermediary Metabolism <i>In Vivo</i> , Variation in Disease, and Naturally Occurring Functional Genetic Polymorphism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5414-5425.	3.6	79
8	Heritability and Genome-Wide Linkage in US and Australian Twins Identify Novel Genomic Regions Controlling Chromogranin A. <i>Circulation</i> , 2008, 118, 247-257.	1.6	79
9	Bacterial endotoxin induces $[Ca^{2+}]_i$ transients and changes the organization of actin in microglia. <i>Glia</i> , 1994, 11, 336-344.	4.9	74
10	Identification of a novel sorting determinant for the regulated pathway in the secretory protein chromogranin A. <i>Journal of Cell Science</i> , 2002, 115, 4827-4841.	2.0	72
11	Role of H <sup>+</sup> -ATPase-mediated Acidification in Sorting and Release of the Regulated Secretory Protein Chromogranin A. <i>Journal of Biological Chemistry</i> , 2005, 280, 3885-3897.	3.4	71
12	Neuroendocrine Nicotinic Receptor Activation Increases Susceptibility to Bacterial Infections by Suppressing Antimicrobial Peptide Production. <i>Cell Host and Microbe</i> , 2010, 7, 277-289.	11.0	69
13	Proteolytic Cleavage of Chromogranin A (CgA) by Plasmin. <i>Journal of Biological Chemistry</i> , 2001, 276, 25022-25029.	3.4	68
14	Formation of the Catecholamine Release-inhibitory Peptide Catestatin from Chromogranin A. <i>Journal of Biological Chemistry</i> , 2000, 275, 22905-22915.	3.4	67
15	Cathepsin L Colocalizes with Chromogranin A in Chromaffin Vesicles to Generate Active Peptides. <i>Endocrinology</i> , 2009, 150, 3547-3557.	2.8	67
16	Time-Dependent Effects of the Neuropeptide PACAP on Catecholamine Secretion. <i>Hypertension</i> , 1999, 34, 1152-1162.	2.7	65
17	Stimulus-transcription Coupling in Pheochromocytoma Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 28382-28390.	3.4	52
18	Secretory Granule Biogenesis in Sympathoadrenal Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 38038-38051.	3.4	51

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19	Proteolytic Cleavage of Human Chromogranin A Containing Naturally Occurring Catestatin Variants: Differential Processing at Catestatin Region by Plasmin. <i>Endocrinology</i> , 2008, 149, 749-757.	2.8	50
20	Sorting of the Neuroendocrine Secretory Protein Secretogranin II into the Regulated Secretory Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 11807-11822.	3.4	49
21	Human dopamine beta-hydroxylase (DBH) regulatory polymorphism that influences enzymatic activity, autonomic function, and blood pressure. <i>Journal of Hypertension</i> , 2010, 28, 76-86.	0.5	48
22	MicroRNA-22 and promoter motif polymorphisms at the Chga locus in genetic hypertension: functional and therapeutic implications for gene expression and the pathogenesis of hypertension. <i>Human Molecular Genetics</i> , 2013, 22, 3624-3640.	2.9	46
23	Naturally Occurring Human Genetic Variation in the 3' Untranslated Region of the Secretory Protein Chromogranin A Is Associated With Autonomic Blood Pressure Regulation and Hypertension in a Sex-Dependent Fashion. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1468-1481.	2.8	44
24	Mechanism of action of chromogranin A on catecholamine release: molecular modeling of the catestatin region reveals a $\beta$ -strand/loop/ $\beta$ -strand structure secured by hydrophobic interactions and predictive of activity. <i>Regulatory Peptides</i> , 1998, 77, 43-53.	1.9	39
25	Pro-hormone Secretogranin II Regulates Dense Core Secretory Granule Biogenesis in Catecholaminergic Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 10030-10043.	3.4	38
26	Biogenesis of the Secretory Granule: Chromogranin A Coiled-Coil Structure Results in Unusual Physical Properties and Suggests a Mechanism for Granule Core Condensation. <i>Biochemistry</i> , 2007, 46, 10999-11012.	2.5	34
27	Determinants for chromogranin A sorting into the regulated secretory pathway are also sufficient to generate granule-like structures in non-endocrine cells. <i>Biochemical Journal</i> , 2009, 418, 81-91.	3.7	34
28	Primary Sequence Characterization of Catestatin Intermediates and Peptides Defines Proteolytic Cleavage Sites Utilized for Converting Chromogranin A into Active Catestatin Secreted from Neuroendocrine Chromaffin Cells. <i>Biochemistry</i> , 2003, 42, 6938-6946.	2.5	33
29	Primary culture of bovine chromaffin cells. <i>Nature Protocols</i> , 2007, 2, 1248-1253.	12.0	32
30	Catecholamine storage vesicles and the metabolic syndrome: the role of the chromogranin A fragment pancreastatin. <i>Diabetes, Obesity and Metabolism</i> , 2006, 8, 621-633.	4.4	31
31	A Common Genetic Variant in the 3' UTR of Vacuolar H <sup>+</sup> -ATPase <i>ATP6V0A1</i> Creates a Micro-RNA Motif to Alter Chromogranin A Processing and Hypertension Risk. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 381-389.	5.1	31
32	Interaction of the catecholamine release-inhibitory peptide catestatin (human chromogranin A352-372) with the chromaffin cell surface and Torpedo electroplax: implications for nicotinic cholinergic antagonism. <i>Regulatory Peptides</i> , 2000, 95, 9-17.	1.9	30
33	Recombinant human chromogranin A: expression, purification and characterization of the N-terminal derived peptides. <i>Regulatory Peptides</i> , 1995, 56, 71-88.	1.9	29
34	Mass Spectrometry-Based Neuropeptidomics of Secretory Vesicles from Human Adrenal Medullary Pheochromocytoma Reveals Novel Peptide Products of Prohormone Processing. <i>Journal of Proteome Research</i> , 2010, 9, 5065-5075.	3.7	29
35	Human Tyrosine Hydroxylase Natural Genetic Variation. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 187-198.	5.1	28
36	Human Cathepsin V Protease Participates in Production of Enkephalin and NPY Neuropeptide Neurotransmitters. <i>Journal of Biological Chemistry</i> , 2012, 287, 15232-15241.	3.4	27

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37	Autonomic Function in Hypertension. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 46-56.	5.1	26
38	Chromogranin A Regulates Renal Function by Triggering Weibelâ€Palade Body Exocytosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1623-1632.	6.1	24
39	Nerve growth factor-stimulated neuronal differentiation induces changes in P2 receptor expression and nucleotide-stimulated catecholamine release. <i>Journal of Neurochemistry</i> , 2007, 100, 1257-1264.	3.9	21
40	The trans-Golgi Proteins SCLIP and SCG10 Interact with Chromogranin A To Regulate Neuroendocrine Secretion. <i>Biochemistry</i> , 2008, 47, 7167-7178.	2.5	21
41	Common Functional Genetic Variants in Catecholamine Storage Vesicle Protein Promoter Motifs Interact to Trigger Systemic Hypertension. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1463-1475.	2.8	20
42	The Local Chromaffin Cell Plasminogen/Plasmin System and the Regulation of Catecholamine Secretion. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 445-449.	3.8	19
43	Pleiotropic effects of novel trans-acting loci influencing human sympathochromaffin secretion. <i>Physiological Genomics</i> , 2006, 25, 470-479.	2.3	18
44	Heredity of Endothelin Secretion. <i>Circulation</i> , 2007, 115, 2282-2291.	1.6	18
45	Adrenergic Polymorphism and the Human Stress Response. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 282-296.	3.8	18
46	The Novel Catecholamine Release-Inhibitory Peptide Catestatin (Chromogranin A344â€364)., 2000, 482, 263-277.		17
47	Human Tyrosine Hydroxylase Natural Allelic Variation: Influence on Autonomic Function and Hypertension. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 1391-1394.	3.3	16
48	A Novel, Catecholamine Release-Inhibitory Peptide from Chromogranin A: Autocrine Control of Nicotinic Cholinergic-Stimulated Exocytosis. <i>Advances in Pharmacology</i> , 1997, 42, 260-264.	2.0	15
49	Analysis of Regulated Secretion Using PC12 Cells. <i>Current Protocols in Cell Biology</i> , 2007, 36, Unit 15.12.	2.3	15
50	Chromogranin Aâ€Activated Microglial Cells Induce Neuronal Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 560-562.	3.8	13
51	Granulogenesis in Non-neuroendocrine COS-7 Cells Induced by EGFP-tagged Chromogranin A Gene Transfection: Identical and Distinct Distribution of CgA and EGFP. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 487-493.	2.5	12
52	Long-term induction of an aldose reductase protein by basic fibroblast growth factor in rat astrocytes in vitro. <i>Electrophoresis</i> , 1995, 16, 1240-1250.	2.4	11
53	Genome-wide linkage analysis of chromogranin B expression in the CEPH pedigrees: implications for exocytotic sympathochromaffin secretion in humans. <i>Physiological Genomics</i> , 2004, 18, 119-127.	2.3	11
54	The Protein Architecture of Human Secretory Vesicles Reveals Differential Regulation of Signaling Molecule Secretion by Protein Kinases. <i>PLoS ONE</i> , 2012, 7, e41134.	2.5	11

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55	Chromogranin A Alters Ductal Morphogenesis and Increases Deposition of Basement Membrane Components by Mammary Epithelial Cells in Vitro. <i>Biochemical and Biophysical Research Communications</i> , 1999, 259, 563-568.	2.1	10
56	Natural Variation within the Neuronal Nicotinic Acetylcholine Receptor Cluster on Human Chromosome 15q24: Influence on Heritable Autonomic Traits in Twin Pairs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 419-428.	2.5	8
57	Intracellular Protein Trafficking into Catecholamine Storage Vesicles. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 262-265.	3.8	7
58	Cox-2 Promotes Chromogranin A Expression and Bioactivity: Evidence for a Prostaglandin E2-Dependent Mechanism and the Involvement of a Proximal Cyclic Adenosine 5'-Monophosphate-Responsive Element. <i>Endocrinology</i> , 2007, 148, 4310-4317.	2.8	6
59	Catecholamine biosynthesis and secretion: physiological and pharmacological effects of secretin. <i>Cell and Tissue Research</i> , 2011, 345, 87-102.	2.9	4
60	Fast-Breaking Results on the PACAP/VIP/Secretin Peptide Family in Chromaffin Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 460-466.	3.8	3
61	Regulation of Chromogranin a Transcription and Catecholamine Secretion by the Neuropeptide Pacap. <i>Advances in Experimental Medicine and Biology</i> , 2002, 482, 97-111.	1.6	2
62	Genetic variation at the delta-sarcoglycan ( <i>SGCD</i> ) locus elevates heritable sympathetic nerve activity in human twin pairs. <i>Journal of Neurochemistry</i> , 2013, 127, 750-761.	3.9	2
63	Catecholamines, Pheochromocytoma, and Hypertension: Genomic Insights. , 2007, , 895-911.		0
64	Neuroendocrine Nicotinic Receptor Activation Increases Susceptibility to Bacterial Infections by Suppressing Antimicrobial Peptide Production. <i>Cell Host and Microbe</i> , 2010, 8, 552.	11.0	0