

Daniel T O connor

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

8,646
citations

50
h-index

83
g-index

200
ext. papers

9,372
ext. citations

6.9
avg, IF

5.48
L-index

#	Paper	IF	Citations
197	Chromogranin A pathway: from pathogenic molecule to renal disease. <i>Journal of Hypertension</i> , 2020 , 38, 456-466	1.9	2
196	A new common functional coding variant at the DDC gene change renal enzyme activity and modify renal dopamine function. <i>Scientific Reports</i> , 2019 , 9, 5055	4.9	3
195	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017 , 8, 15805	17.4	50
194	iPSCORE: A Resource of 222 iPSC Lines Enabling Functional Characterization of Genetic Variation across a Variety of Cell Types. <i>Stem Cell Reports</i> , 2017 , 8, 1086-1100	8	93
193	Identification of novel loci affecting circulating chromogranins and related peptides. <i>Human Molecular Genetics</i> , 2017 , 26, 233-242	5.6	11
192	Polymorphisms at the F12 and KLKB1 loci have significant trait association with activation of the renin-angiotensin system. <i>BMC Medical Genetics</i> , 2016 , 17, 21	2.1	10
191	Heritability of Biomarkers of Oxidized Lipoproteins: Twin Pair Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1704-11	9.4	29
190	Genomic predictors of combat stress vulnerability and resilience in U.S. Marines: A genome-wide association study across multiple ancestries implicates PRTFDC1 as a potential PTSD gene. <i>Psychoneuroendocrinology</i> , 2015 , 51, 459-71	5	125
189	Molecular Mechanism for Hypertensive Renal Disease: Differential Regulation of Chromogranin A Expression at 3RUntranslated Region Polymorphism C+87T by MicroRNA-107. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1816-25	12.7	9
188	Pancreastatin-dependent inflammatory signaling mediates obesity-induced insulin resistance. <i>Diabetes</i> , 2015 , 64, 104-16	0.9	43
187	Genetic implication of a novel thiamine transporter in human hypertension. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1542-55	15.1	27
186	Chromogranin B: intra- and extra-cellular mechanisms to regulate catecholamine storage and release, in catecholaminergic cells and organisms. <i>Journal of Neurochemistry</i> , 2014 , 129, 48-59	6	11
185	Nicotinic acetylcholine receptors in glucose homeostasis: the acute hyperglycemic and chronic insulin-sensitive effects of nicotine suggest dual opposing roles of the receptors in male mice. <i>Endocrinology</i> , 2014 , 155, 3793-805	4.8	26
184	Assessment of plasma C-reactive protein as a biomarker of posttraumatic stress disorder risk. <i>JAMA Psychiatry</i> , 2014 , 71, 423-31	14.5	222
183	Heart rate variability characteristics in a large group of active-duty marines and relationship to posttraumatic stress. <i>Psychosomatic Medicine</i> , 2014 , 76, 292-301	3.7	63
182	The catecholamine biosynthetic enzyme dopamine β-hydroxylase (DBH): first genome-wide search positions trait-determining variants acting additively in the proximal promoter. <i>Human Molecular Genetics</i> , 2014 , 23, 6375-84	5.6	22
181	Human heart rate: heritability of resting and stress values in twin pairs, and influence of genetic variation in the adrenergic pathway at a microribonucleic acid (microRNA) motif in the 3RUTR of cytochrome b561 [corrected]. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 358-68	15.1	9

180	Discovery of a novel target for the dysglycemic chromogranin A fragment pancreastatin: interaction with the chaperone GRP78 to influence metabolism. <i>PLoS ONE</i> , 2014 , 9, e84132	3.7	13
179	Development of a pharmacophore model for the catecholamine release-inhibitory peptide catestatin: virtual screening and functional testing identify novel small molecule therapeutics of hypertension. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5855-69	3.4	11
178	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, 3624-40	5.6	35
177	Granins and catecholamines: functional interaction in chromaffin cells and adipose tissue. <i>Advances in Pharmacology</i> , 2013 , 68, 93-113	5.7	6
176	Genetic variation at the delta-sarcoglycan (SGCD) locus elevates heritable sympathetic nerve activity in human twin pairs. <i>Journal of Neurochemistry</i> , 2013 , 127, 750-61	6	2
175	Characterization of cerebrospinal fluid (CSF) and plasma NPY levels in normal volunteers over a 24-h timeframe. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2378-82	5	27
174	Heredity and cardiometabolic risk: naturally occurring polymorphisms in the human neuropeptide Y(2) receptor promoter disrupt multiple transcriptional response motifs. <i>Journal of Hypertension</i> , 2013 , 31, 123-33	1.9	7
173	Heritable influence of DBH on adrenergic and renal function: twin and disease studies. <i>PLoS ONE</i> , 2013 , 8, e82956	3.7	9
172	Novel peptide isomer strategy for stable inhibition of catecholamine release: application to hypertension. <i>Hypertension</i> , 2012 , 60, 1552-9	8.5	25
171	Biomarkers of PTSD: neuropeptides and immune signaling. <i>Neuropharmacology</i> , 2012 , 62, 663-73	5.5	135
170	Autonomic and hemodynamic origins of pre-hypertension: central role of heredity. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 2206-16	15.1	34
169	Neuropeptide Y (NPY): genetic variation in the human promoter alters glucocorticoid signaling, yielding increased NPY secretion and stress responses. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1678-89	15.1	17
168	The protein architecture of human secretory vesicles reveals differential regulation of signaling molecule secretion by protein kinases. <i>PLoS ONE</i> , 2012 , 7, e41134	3.7	9
167	Predictors of risk and resilience for posttraumatic stress disorder among ground combat Marines: methods of the Marine Resiliency Study. <i>Preventing Chronic Disease</i> , 2012 , 9, E97	3.7	53
166	Association of functional kallikrein-1 promoter polymorphisms and acute kidney injury: a case-control and longitudinal cohort study. <i>Nephron Clinical Practice</i> , 2012 , 122, 107-13		4
165	Genetic variation within a metabolic motif in the chromogranin a promoter: pleiotropic influence on cardiometabolic risk traits in twins. <i>American Journal of Hypertension</i> , 2012 , 25, 29-40	2.3	4
164	Integrated computational and experimental analysis of the neuroendocrine transcriptome in genetic hypertension identifies novel control points for the cardiometabolic syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 430-40		5
163	Catestatin (chromogranin A(352-372)) and novel effects on mobilization of fat from adipose tissue through regulation of adrenergic and leptin signaling. <i>Journal of Biological Chemistry</i> , 2012 , 287, 23141-51	5.14	45

162	Genes and environment: novel, functional polymorphism in the human cathepsin L (CTSL1) promoter disrupts a xenobiotic response element (XRE) to alter transcription and blood pressure. <i>Journal of Hypertension</i> , 2012 , 30, 1961-9	1.9	10
161	Contemporary approaches to genetic influences on hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2011 , 20, 23-30	3.5	7
160	Catecholamine biosynthesis and secretion: physiological and pharmacological effects of secretin. <i>Cell and Tissue Research</i> , 2011 , 345, 87-102	4.2	4
159	Catecholamine storage vesicles: role of core protein genetic polymorphisms in hypertension. <i>Current Hypertension Reports</i> , 2011 , 13, 36-45	4.7	14
158	Systematic polymorphism discovery after genome-wide identification of potential susceptibility loci in a hereditary rodent model of human hypertension. <i>Blood Pressure</i> , 2011 , 20, 222-31	1.7	8
157	A common genetic variant in the 3'RUTR of vacuolar H ⁺ -ATPase ATP6V0A1 creates a micro-RNA motif to alter chromogranin A processing and hypertension risk. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 381-9		22
156	Human dopamine β-hydroxylase promoter variant alters transcription in chromaffin cells, enzyme secretion, and blood pressure. <i>American Journal of Hypertension</i> , 2011 , 24, 24-32	2.3	16
155	Proteomic analysis yields an unexpected trans-acting point in control of the human sympathochromaffin phenotype. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 437-45		1
154	Naturally occurring variations in the human cholinesterase genes: heritability and association with cardiovascular and metabolic traits. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 338, 125-33	4.7	19
153	Early inflammatory and metabolic changes in association with AGTR1 polymorphisms in prehypertensive subjects. <i>American Journal of Hypertension</i> , 2011 , 24, 225-33	2.3	18
152	Hypertension as a maladaptive "fight-or-flight" response?: confirmatory molecular genetic evidence from the human catecholamine biosynthetic pathway. <i>American Journal of Hypertension</i> , 2010 , 23, 1250-1	2.3	
151	Phenylethanolamine N-methyltransferase gene polymorphisms and adverse outcomes in acute kidney injury. <i>Nephron Clinical Practice</i> , 2010 , 114, c253-9		17
150	Human tyrosine hydroxylase natural genetic variation: delineation of functional transcriptional control motifs disrupted in the proximal promoter. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 187-98		27
149	Role of reactive oxygen species in hyperadrenergic hypertension: biochemical, physiological, and pharmacological evidence from targeted ablation of the chromogranin a (Chga) gene. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 414-25		34
148	Pro-hormone secretogranin II regulates dense core secretory granule biogenesis in catecholaminergic cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 10030-10043	5.4	34
147	Direct vasoactive effects of the chromogranin A (CHGA) peptide catestatin in humans in vivo. <i>Clinical and Experimental Hypertension</i> , 2010 , 32, 278-87	2.2	64
146	Progression of chronic kidney disease: Adrenergic genetic influence on glomerular filtration rate decline in hypertensive nephrosclerosis. <i>American Journal of Nephrology</i> , 2010 , 32, 23-30	4.6	12
145	Common charge-shift mutation Glu65Lys in K ⁺ channel β-subunit KCNMB1: pleiotropic consequences for glomerular filtration rate and progressive renal disease. <i>American Journal of Nephrology</i> , 2010 , 32, 414-24	4.6	8

144	Global metabolic consequences of the chromogranin A-null model of hypertension: transcriptomic detection, pathway identification, and experimental verification. <i>Physiological Genomics</i> , 2010 , 40, 195-207	3.6	13
143	Chromogranin a and the autonomic system: decomposition of heart rate variability and rescue by its catestatin fragment. <i>Endocrinology</i> , 2010 , 151, 2760-8	4.8	31
142	Urocortin 2 lowers blood pressure and reduces plasma catecholamine levels in mice with hyperadrenergic activity. <i>Endocrinology</i> , 2010 , 151, 4820-9	4.8	8
141	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, 1463-75	15.1	20
140	Isoprostane, an "intermediate phenotype" for oxidative stress heritability, risk trait associations, and the influence of chromogranin B polymorphism. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1338-50	15.1	12
139	Genetic covariance between gamma-glutamyl transpeptidase and fatty liver risk factors: role of beta2-adrenergic receptor genetic variation in twins. <i>Gastroenterology</i> , 2010 , 139, 836-45, 845.e1	13.3	45
138	Proteomics of dense core secretory vesicles reveal distinct protein categories for secretion of neuroeffectors for cell-cell communication. <i>Journal of Proteome Research</i> , 2010 , 9, 5002-24	5.6	40
137	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, 5065-75	5.6	28
136	Neuroendocrine nicotinic receptor activation increases susceptibility to bacterial infections by suppressing antimicrobial peptide production. <i>Cell Host and Microbe</i> , 2010 , 7, 277-289	23.4	58
135	Catestatin: a multifunctional peptide from chromogranin A. <i>Regulatory Peptides</i> , 2010 , 162, 33-43		80
134	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	1.9	43
133	Effects of chromogranin A deficiency and excess in vivo: biphasic blood pressure and catecholamine responses. <i>Journal of Hypertension</i> , 2010 , 28, 817-25	1.9	27
132	Long human CHGA flanking chromosome 14 sequence required for optimal BAC transgenic "rescue" of disease phenotypes in the mouse Chga knockout. <i>Physiological Genomics</i> , 2010 , 41, 91-101	3.6	12
131	Neuropeptidomic components generated by proteomic functions in secretory vesicles for cell-cell communication. <i>AAPS Journal</i> , 2010 , 12, 635-45	3.7	20
130	Conserved regulatory motifs at phenylethanolamine N-methyltransferase (PNMT) are disrupted by common functional genetic variation: an integrated computational/experimental approach. <i>Mammalian Genome</i> , 2010 , 21, 195-204	3.2	6
129	Chromogranin/secretogranin proteins in murine heart: myocardial production of chromogranin A fragment catestatin (Chga(364-384)). <i>Cell and Tissue Research</i> , 2010 , 342, 353-61	4.2	38
128	Human tyrosine hydroxylase natural allelic variation: influence on autonomic function and hypertension. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 1391-4	4.6	13
127	Naturally occurring genetic variants in human chromogranin A (CHGA) associated with hypertension as well as hypertensive renal disease. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 1395-400	4.6	7

126	Human catestatin peptides differentially regulate infarct size in the ischemic-reperfused rat heart. <i>Regulatory Peptides</i> , 2010 , 165, 63-70		19
125	Reprint of: Catestatin: a multifunctional peptide from chromogranin A. <i>Regulatory Peptides</i> , 2010 , 165, 52-62		13
124	Genome-wide case/control studies in hypertension: only the tip of the iceberg. <i>Journal of Hypertension</i> , 2010 , 28, 1115-23	1.9	23
123	A novel pathway of insulin sensitivity in chromogranin A null mice: a crucial role for pancreastatin in glucose homeostasis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28498-509	5.4	73
122	Chromogranin A regulates renal function by triggering Weibel-Palade body exocytosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1623-32	12.7	24
121	Autonomic function in hypertension; role of genetic variation at the catecholamine storage vesicle protein chromogranin B. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 46-56		22
120	Global disturbances in autonomic function yield cardiovascular instability and hypertension in the chromogranin a null mouse. <i>Endocrinology</i> , 2009 , 150, 5027-35	4.8	52
119	Cathepsin L colocalizes with chromogranin a in chromaffin vesicles to generate active peptides. <i>Endocrinology</i> , 2009 , 150, 3547-57	4.8	55
118	Dopamine D1 receptor (DRD1) genetic polymorphism: pleiotropic effects on heritable renal traits. <i>Kidney International</i> , 2009 , 76, 1070-80	9.9	10
117	Adrenergic beta-1 receptor genetic variation predicts longitudinal rate of GFR decline in hypertensive nephrosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 3677-86	4.3	10
116	Complex renal traits: role of adrenergic genetic polymorphism. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1172-4	12.7	1
115	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, 419-28	4.7	8
114	Neuropeptide Y(1) Receptor NPY1R discovery of naturally occurring human genetic variants governing gene expression in cells as well as pleiotropic effects on autonomic activity and blood pressure in vivo. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 944-54	15.1	23
113	The neuroendocrine peptide catestatin is a cutaneous antimicrobial and induced in the skin after injury. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 1525-34	4.3	87
112	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, 1468-81	15.1	38
111	Hereditary determinants of human hypertension: strategies in the setting of genetic complexity. <i>Hypertension</i> , 2008 , 51, 1456-64	8.5	45
110	Genetic variation within adrenergic pathways determines in vivo effects of presynaptic stimulation in humans. <i>Circulation</i> , 2008 , 117, 517-25	16.7	16
109	The crucial role of chromogranins in storage and exocytosis revealed using chromaffin cells from chromogranin A null mouse. <i>Journal of Neuroscience</i> , 2008 , 28, 3350-8	6.6	107

108	Heritability and genome-wide linkage in US and Australian twins identify novel genomic regions controlling chromogranin A: implications for secretion and blood pressure. <i>Circulation</i> , 2008 , 118, 247-57	16.7	67
107	Chromogranin A polymorphisms are associated with hypertensive renal disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 600-14	12.7	51
106	Proteolytic cleavage of human chromogranin A containing naturally occurring catestatin variants: differential processing at catestatin region by plasmin. <i>Endocrinology</i> , 2008 , 149, 749-57	4.8	42
105	The trans-Golgi proteins SCLIP and SCG10 interact with chromogranin A to regulate neuroendocrine secretion. <i>Biochemistry</i> , 2008 , 47, 7167-78	3.2	15
104	Adrenergic polymorphism and the human stress response. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 282-96	6.5	14
103	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, 10999-1012	3.2	23
102	Tyrosine hydroxylase, the rate-limiting enzyme in catecholamine biosynthesis: discovery of common human genetic variants governing transcription, autonomic activity, and blood pressure in vivo. <i>Circulation</i> , 2007 , 116, 993-1006	16.7	73
101	Catecholamines, Pheochromocytoma, and Hypertension: Genomic Insights 2007 , 895-911		
100	Primary culture of bovine chromaffin cells. <i>Nature Protocols</i> , 2007 , 2, 1248-53	18.8	29
99	Heredity of endothelin secretion: human twin studies reveal the influence of polymorphism at the chromogranin A locus, a novel determinant of endothelial function. <i>Circulation</i> , 2007 , 115, 2282-91	16.7	16
98	Population-based sample reveals gene-gender interactions in blood pressure in White Americans. <i>Hypertension</i> , 2007 , 49, 96-106	8.5	100
97	Renal albumin excretion: twin studies identify influences of heredity, environment, and adrenergic pathway polymorphism. <i>Hypertension</i> , 2007 , 49, 1015-31	8.5	43
96	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, 4310-7	4.8	5
95	Whole-genome analysis of sporadic amyotrophic lateral sclerosis. <i>New England Journal of Medicine</i> , 2007 , 357, 775-88	59.2	194
94	Catecholamine release-inhibitory peptide catestatin (chromogranin A(352-372)): naturally occurring amino acid variant Gly364Ser causes profound changes in human autonomic activity and alters risk for hypertension. <i>Circulation</i> , 2007 , 115, 2271-81	16.7	91
93	An ancestral variant of Secretogranin II confers regulation by PHOX2 transcription factors and association with hypertension. <i>Human Molecular Genetics</i> , 2007 , 16, 1752-64	5.6	24
92	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, 487-93	3.4	11
91	C-reactive protein, an intermediate phenotype for inflammation: human twin studies reveal heritability, association with blood pressure and the metabolic syndrome, and the influence of common polymorphism at catecholaminergic/beta-adrenergic pathway loci. <i>Journal of Hypertension</i> , 2007 , 25, 222-33	1.9	75

90	Angiotensin-converting enzyme gene polymorphism predicts the time-course of blood pressure response to angiotensin converting enzyme inhibition in the AASK trial. <i>Journal of Hypertension</i> , 2007 , 25, 2082-92	1.9	37
89	Discovery of common human genetic variants of GTP cyclohydrolase 1 (GCH1) governing nitric oxide, autonomic activity, and cardiovascular risk. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2658-71	15.9	72
88	Polymorphisms of α 1a and α 1b-adrenergic receptors help identify patients with arterial hypertension. <i>FASEB Journal</i> , 2007 , 21, A422	0.9	
87	Butyrylcholinesterase: association with the metabolic syndrome and identification of 2 gene loci affecting activity. <i>Clinical Chemistry</i> , 2006 , 52, 1014-20	5.5	49
86	Polymorphisms and haplotypes of the regulator of G protein signaling-2 gene in normotensives and hypertensives. <i>Hypertension</i> , 2006 , 47, 415-20	8.5	62
85	Early phenotypic changes in hypertension: a role for the autonomic nervous system and heredity. <i>Hypertension</i> , 2006 , 47, 331-3	8.5	19
84	Rho kinase polymorphism influences blood pressure and systemic vascular resistance in human twins: role of heredity. <i>Hypertension</i> , 2006 , 47, 937-47	8.5	66
83	Secretory granule biogenesis in sympathoadrenal cells: identification of a granulogenic determinant in the secretory prohormone chromogranin A. <i>Journal of Biological Chemistry</i> , 2006 , 281, 38038-51	5.4	49
82	Pleiotropic effects of novel trans-acting loci influencing human sympathochromaffin secretion. <i>Physiological Genomics</i> , 2006 , 25, 470-9	3.6	17
81	The chromogranin A fragment catestatin: specificity, potency and mechanism to inhibit exocytotic secretion of multiple catecholamine storage vesicle co-transmitters. <i>Journal of Hypertension</i> , 2006 , 24, 895-904	1.9	30
80	Catecholamine storage vesicles and the metabolic syndrome: The role of the chromogranin A fragment pancreastatin. <i>Diabetes, Obesity and Metabolism</i> , 2006 , 8, 621-33	6.7	29
79	Molecular basis of neuroendocrine cell type-specific expression of the chromogranin B gene: Crucial role of the transcription factors CREB, AP-2, Egr-1 and Sp1. <i>Journal of Neurochemistry</i> , 2006 , 99, 119-33	6	25
78	Pancreastatin: multiple actions on human intermediary metabolism in vivo, variation in disease, and naturally occurring functional genetic polymorphism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 5414-25	5.6	66
77	Common genetic mechanisms of blood pressure elevation in two independent rodent models of human essential hypertension. <i>American Journal of Hypertension</i> , 2005 , 18, 633-52	2.3	54
76	Human response to α 2-adrenergic agonist stimulation studied in an isolated vascular bed in vivo: Biphasic influence of dose, age, gender, and receptor genotype. <i>Clinical Pharmacology and Therapeutics</i> , 2005 , 77, 388-403	6.1	23
75	Assessment of multiple displacement amplification for polymorphism discovery and haplotype determination at a highly polymorphic locus, MC1R. <i>Human Mutation</i> , 2005 , 26, 145-52	4.7	27
74	Role of H ⁺ -ATPase-mediated acidification in sorting and release of the regulated secretory protein chromogranin A: evidence for a vesiculogenic function. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3885-97	5.4	64
73	Genetic variation at the human α 2B-adrenergic receptor locus: role in blood pressure variation and yohimbine response. <i>Hypertension</i> , 2005 , 45, 1207-13	8.5	23

72	Interactive effects of common beta2-adrenoceptor haplotypes and age on susceptibility to hypertension and receptor function. <i>Hypertension</i> , 2005 , 46, 301-7	8.5	38
71	Hypertension from targeted ablation of chromogranin A can be rescued by the human ortholog. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1942-52	15.9	246
70	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, 119-27	3.6	11
69	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, 277-91	3.6	75
68	The catecholamine release-inhibitory "catestatin" fragment of chromogranin a: naturally occurring human variants with different potencies for multiple chromaffin cell nicotinic cholinergic responses. <i>Molecular Pharmacology</i> , 2004 , 66, 1180-91	4.3	81
67	A dynamic pool of calcium in catecholamine storage vesicles. Exploration in living cells by a novel vesicle-targeted chromogranin A-aequorin chimeric photoprotein. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51107-21	5.4	48
66	Neuroendocrine transcriptome in genetic hypertension: multiple changes in diverse adrenal physiological systems. <i>Hypertension</i> , 2004 , 43, 1301-11	8.5	35
65	Human sympathetic activation by alpha2-adrenergic blockade with yohimbine: Bimodal, epistatic influence of cytochrome P450-mediated drug metabolism. <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 76, 139-53	6.1	36
64	Conformational preferences and activities of peptides from the catecholamine release-inhibitory (catestatin) region of chromogranin A. <i>Regulatory Peptides</i> , 2004 , 118, 75-87		21
63	Both rare and common polymorphisms contribute functional variation at CHGA, a regulator of catecholamine physiology. <i>American Journal of Human Genetics</i> , 2004 , 74, 197-207	11	91
62	Secretin activation of chromogranin A gene transcription. Identification of the signaling pathways in cis and in trans. <i>Journal of Biological Chemistry</i> , 2003 , 278, 19986-94	5.4	21
61	Catecholamine secretory vesicle stimulus-transcription coupling in vivo. Demonstration by a novel transgenic promoter/photoprotein reporter and inhibition of secretion and transcription by the chromogranin A fragment catestatin. <i>Journal of Biological Chemistry</i> , 2003 , 278, 32058-67	5.4	57
60	The angiotensin II receptor (Agtr1a): functional regulatory polymorphisms in a locus genetically linked to blood pressure variation in the mouse. <i>Physiological Genomics</i> , 2003 , 14, 83-93	3.6	15
59	Hereditary dysautonomias: current knowledge and collaborations for the future. <i>Clinical Autonomic Research</i> , 2003 , 13, 180-95	4.3	
58	The chromogranin-secretogranin family. <i>New England Journal of Medicine</i> , 2003 , 348, 1134-49	59.2	680
57	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, 6938-46	3.2	28
56	Pharmacogenomics of hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 61-70	3.5	5
55	Neuroendocrine cell type-specific and inducible expression of chromogranin/secretogranin genes: crucial promoter motifs. <i>Annals of the New York Academy of Sciences</i> , 2002 , 971, 27-38	6.5	12

54	Intracellular protein trafficking into catecholamine storage vesicles: novel chimeric photoproteins visualized by deconvolution fluorescence microscopy. <i>Annals of the New York Academy of Sciences</i> , 2002 , 971, 262-5	6.5	7
53	Studies of the dysglycemic peptide, pancreastatin, using a human forearm model. <i>Annals of the New York Academy of Sciences</i> , 2002 , 971, 528-9	6.5	18
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