

David S Goldstein

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410
papers

27,480
citations

84
h-index

152
g-index

430
ext. papers

32,585
ext. citations

6.7
avg, IF

7.18
L-index

#	Paper	IF	Citations
410	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
409	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2011 , 21, 69-72	4.3	927
408	Biochemical diagnosis of pheochromocytoma: which test is best?. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 1427-34	27.4	792
407	Catecholamine metabolism: a contemporary view with implications for physiology and medicine. <i>Pharmacological Reviews</i> , 2004 , 56, 331-49	22.5	679
406	Takotsubo cardiomyopathy: a new form of acute, reversible heart failure. <i>Circulation</i> , 2008 , 118, 2754-62	16.7	598
405	Low-frequency power of heart rate variability is not a measure of cardiac sympathetic tone but may be a measure of modulation of cardiac autonomic outflows by baroreflexes. <i>Experimental Physiology</i> , 2011 , 96, 1255-61	2.4	473
404	Recent advances in genetics, diagnosis, localization, and treatment of pheochromocytoma. <i>Annals of Internal Medicine</i> , 2001 , 134, 315-29	8	402
403	Frequency and the conference of referential validity. <i>Journal of Verbal Learning and Verbal Behavior</i> , 1977 , 16, 107-112		401
402	Validity and reliability of liquid chromatography with electrochemical detection for measuring plasma levels of norepinephrine and epinephrine in man. <i>Life Sciences</i> , 1981 , 28, 467-75	6.8	398
401	Biochemical diagnosis of pheochromocytoma: how to distinguish true- from false-positive test results. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2656-66	5.6	370
400	Sources and significance of plasma levels of catechols and their metabolites in humans. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 305, 800-11	4.7	319
399	Cerebrospinal fluid biomarkers for Parkinson disease diagnosis and progression. <i>Annals of Neurology</i> , 2011 , 69, 570-80	9.4	310
398	Cardiac sympathetic nerve function in congestive heart failure. <i>Circulation</i> , 1996 , 93, 1667-76	16.7	310
397	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 161, 46-8	2.4	306
396	Stress-induced norepinephrine release in the hypothalamic paraventricular nucleus and pituitary-adrenocortical and sympathoadrenal activity: in vivo microdialysis studies. <i>Frontiers in Neuroendocrinology</i> , 1995 , 16, 89-150	8.9	299
395	Plasma normetanephrine and metanephrine for detecting pheochromocytoma in von Hippel-Lindau disease and multiple endocrine neoplasia type 2. <i>New England Journal of Medicine</i> , 1999 , 340, 1872-9	59.2	291
394	Sympathetic cardioneuropathy in dysautonomias. <i>New England Journal of Medicine</i> , 1997 , 336, 696-702	59.2	268

393	Malignant pheochromocytoma: current status and initiatives for future progress. <i>Endocrine-Related Cancer</i> , 2004 , 11, 423-36	5.7	262
392	Cardiac sympathetic denervation in Parkinson disease. <i>Annals of Internal Medicine</i> , 2000 , 133, 338-47	8	257
391	Dysautonomia in Parkinson's disease: neurocardiological abnormalities. <i>Lancet Neurology</i> , 2003 , 2, 669-76	24.1	248
390	Dopamine biosynthesis is selectively abolished in substantia nigra/ventral tegmental area but not in hypothalamic neurons in mice with targeted disruption of the Nurr1 gene. <i>Molecular and Cellular Neurosciences</i> , 1998 , 11, 36-46	4.8	242
389	Relative contribution of core and cutaneous temperatures to thermal comfort and autonomic responses in humans. <i>Journal of Applied Physiology</i> , 1999 , 86, 1588-93	3.7	229
388	Pheochromocytomas in von Hippel-Lindau syndrome and multiple endocrine neoplasia type 2 display distinct biochemical and clinical phenotypes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1999-2008	5.6	224
387	Occipital horn syndrome and a mild Menkes phenotype associated with splice site mutations at the MNK locus. <i>Nature Genetics</i> , 1994 , 8, 195-202	36.3	222
386	Responses of the hypothalamic-pituitary-adrenal and renin-angiotensin axes and the sympathetic system during controlled surgical and anesthetic stress. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987 , 64, 986-94	5.6	220
385	Neonatal diagnosis and treatment of Menkes disease. <i>New England Journal of Medicine</i> , 2008 , 358, 605-14	14.2	210
384	Allostasis, homeostats, and the nature of stress. <i>Stress</i> , 2002 , 5, 55-8	3	207
383	Low frequency power of heart rate variability reflects baroreflex function, not cardiac sympathetic innervation. <i>Clinical Autonomic Research</i> , 2011 , 21, 133-41	4.3	195
382	Evolution of concepts of stress. <i>Stress</i> , 2007 , 10, 109-20	3	195
381	Cardiovascular dysautonomia in Parkinson disease: from pathophysiology to pathogenesis. <i>Neurobiology of Disease</i> , 2012 , 46, 572-80	7.5	188
380	Prevalence of orthostatic hypotension in Parkinson's disease: a systematic review and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2011 , 17, 724-9	3.6	185
379	Time of day, Intellectual Performance, and Behavioral Problems in Morning Versus Evening type Adolescents: Is there a Synchrony Effect?. <i>Personality and Individual Differences</i> , 2007 , 42, 431-440	3.3	184
378	6-[18F]fluorodopamine positron emission tomographic (PET) scanning for diagnostic localization of pheochromocytoma. <i>Hypertension</i> , 2001 , 38, 6-8	8.5	183
377	Phosphorylated Synuclein in Parkinson's disease. <i>Science Translational Medicine</i> , 2012 , 4, 121ra20	17.5	182
376	Improved assay for plasma dihydroxyphenylacetic acid and other catechols using high-performance liquid chromatography with electrochemical detection. <i>Biomedical Applications</i> , 1994 , 653, 131-8		182

375	Association between supine hypertension and orthostatic hypotension in autonomic failure. <i>Hypertension</i> , 2003 , 42, 136-42	8.5	180
374	Biochemical and clinical manifestations of dopamine-producing paragangliomas: utility of plasma methoxytyramine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2068-75	5.6	178
373	Reversibility of catecholamine-induced dilated cardiomyopathy in a child with a pheochromocytoma. <i>New England Journal of Medicine</i> , 1987 , 316, 793-7	59.2	178
372	Norepinephrine precursor therapy in neurogenic orthostatic hypotension. <i>Circulation</i> , 2003 , 108, 724-8	16.7	155
371	Patterns of plasma levels of catechols in neurogenic orthostatic hypotension. <i>Annals of Neurology</i> , 1989 , 26, 558-63	9.4	151
370	A New Glucocerebrosidase Chaperone Reduces β Synuclein and Glycolipid Levels in iPSC-Derived Dopaminergic Neurons from Patients with Gaucher Disease and Parkinsonism. <i>Journal of Neuroscience</i> , 2016 , 36, 7441-52	6.6	150
369	Functional corticotropin releasing factor receptors in the primate peripheral sympathetic nervous system. <i>Nature</i> , 1986 , 319, 147-50	50.4	150
368	Supine low-frequency power of heart rate variability reflects baroreflex function, not cardiac sympathetic innervation. <i>Heart Rhythm</i> , 2007 , 4, 1523-9	6.7	149
367	Natural history of pure autonomic failure: A United States prospective cohort. <i>Annals of Neurology</i> , 2017 , 81, 287-297	9.4	146
366	Pheochromocytoma catecholamine phenotypes and prediction of tumor size and location by use of plasma free metanephrines. <i>Clinical Chemistry</i> , 2005 , 51, 735-44	5.5	145
365	Orthostatic hypotension as an early finding in Parkinson's disease. <i>Clinical Autonomic Research</i> , 2006 , 16, 46-54	4.3	144
364	Catecholamines and their metabolites. <i>Biomedical Applications</i> , 1988 , 429, 177-233		144
363	Conditional expression of Parkinson's disease-related mutant β Synuclein in the midbrain dopaminergic neurons causes progressive neurodegeneration and degradation of transcription factor nuclear receptor related 1. <i>Journal of Neuroscience</i> , 2012 , 32, 9248-64	6.6	134
362	Effects of various stressors on in vivo norepinephrine release in the hypothalamic paraventricular nucleus and on the pituitary-adrenocortical axis. <i>Annals of the New York Academy of Sciences</i> , 1995 , 771, 115-30	6.5	132
361	Adrenal responses to stress. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 1433-40	4.6	130
360	Determinants of buildup of the toxic dopamine metabolite DOPAL in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2013 , 126, 591-603	6	127
359	Neurogenic orthostatic hypotension: a pathophysiological approach. <i>Circulation</i> , 2009 , 119, 139-46	16.7	126
358	Children's time of day preference: age, gender and ethnic differences. <i>Personality and Individual Differences</i> , 2002 , 33, 1083-1090	3.3	122

357	Association between cardiac denervation and parkinsonism caused by alpha-synuclein gene triplication. <i>Brain</i> , 2004 , 127, 768-72	11.2	118
356	Laparoscopic correction of vesicoureteral reflux. <i>Journal of Urology</i> , 1993 , 150, 748-51	2.5	117
355	Increased vesicular monoamine transporter enhances dopamine release and opposes Parkinson disease-related neurodegeneration in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 9977-82	11.5	116
354	Biomarkers to detect central dopamine deficiency and distinguish Parkinson disease from multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2008 , 14, 600-7	3.6	114
353	Sympathetically mediated effects of mental stress on the cardiac microcirculation of patients with coronary artery disease. <i>American Journal of Cardiology</i> , 1995 , 76, 125-30	3	111
352	Plasma norepinephrine as an indicator of sympathetic neural activity in clinical cardiology. <i>American Journal of Cardiology</i> , 1981 , 48, 1147-54	3	110
351	Neurodegeneration and motor dysfunction in mice lacking cytosolic and mitochondrial aldehyde dehydrogenases: implications for Parkinson's disease. <i>PLoS ONE</i> , 2012 , 7, e31522	3.7	110
350	Neurocirculatory abnormalities in Parkinson disease with orthostatic hypotension: independence from levodopa treatment. <i>Hypertension</i> , 2005 , 46, 1333-9	8.5	109
349	Catecholamine autotoxicity. Implications for pharmacology and therapeutics of Parkinson disease and related disorders. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 268-82	13.9	107
348	Exaggerated adrenomedullary response to immobilization in mice with targeted disruption of the serotonin transporter gene. <i>Endocrinology</i> , 2002 , 143, 4520-6	4.8	106
347	Age-related thermoregulatory differences during core cooling in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R349-54	3.2	106
346	The effect of clozapine on plasma norepinephrine: relationship to clinical efficacy. <i>Neuropsychopharmacology</i> , 1994 , 10, 1-7	8.7	104
345	Noradrenergic activation in the paraventricular nucleus during acute and chronic immobilization stress in rats: an in vivo microdialysis study. <i>Brain Research</i> , 1992 , 589, 91-6	3.7	104
344	Adrenomedullary, adrenocortical, and sympathoneural responses to stressors: a meta-analysis. <i>Endocrine Regulations</i> , 2008 , 42, 111-9	1.9	104
343	Morphine inhibits the pituitary-adrenal response to ovine corticotropin-releasing hormone in normal subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 60, 891-5	5.6	97
342	Dysautonomia in Parkinson disease. <i>Comprehensive Physiology</i> , 2014 , 4, 805-26	7.7	96
341	Association of cognitive dysfunction with neurocirculatory abnormalities in early Parkinson disease. <i>Neurology</i> , 2012 , 79, 1323-31	6.5	96
340	Oral yohimbine increases blood pressure and sympathetic nervous outflow in hypertensive patients. <i>Journal of Cardiovascular Pharmacology</i> , 1993 , 22, 22-6	3.1	96

339	Cerebrospinal fluid biomarkers of central catecholamine deficiency in Parkinson's disease and other synucleinopathies. <i>Brain</i> , 2012 , 135, 1900-13	11.2	95
338	Positron emission tomographic imaging of cardiac sympathetic innervation using 6-[¹⁸ F]fluorodopamine: initial findings in humans. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 1961-71	15.1	95
337	Circulatory control mechanisms in vasodepressor syncope. <i>American Heart Journal</i> , 1982 , 104, 1071-5	4.9	95
336	Plasma and cerebrospinal fluid neurochemical pattern in Menkes disease. <i>Annals of Neurology</i> , 1993 , 33, 171-5	9.4	92
335	Effects of immobilization on in vivo release of norepinephrine in the bed nucleus of the stria terminalis in conscious rats. <i>Brain Research</i> , 1995 , 688, 242-6	3.7	89
334	Catechols in post-mortem brain of patients with Parkinson disease. <i>European Journal of Neurology</i> , 2011 , 18, 703-10	6	88
333	Corticotropin-releasing factor (CRF) produces analgesia in humans and rats. <i>Brain Research</i> , 1987 , 422, 154-7	3.7	87
332	Orthostatic heart rate changes in patients with autonomic failure caused by neurodegenerative synucleinopathies. <i>Annals of Neurology</i> , 2018 , 83, 522-531	9.4	86
331	Source and physiological significance of plasma 3,4-dihydroxyphenylglycol and 3-methoxy-4-hydroxyphenylglycol. <i>Journal of the Autonomic Nervous System</i> , 1988 , 24, 1-14		86
330	Heterogeneous neurochemical responses to different stressors: a test of Selye's doctrine of nonspecificity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 275, R1247-55	3.2	85
329	Carvedilol reverses hyperthermia and attenuates rhabdomyolysis induced by 3,4-methylenedioxymethamphetamine (MDMA, Ecstasy) in an animal model. <i>Critical Care Medicine</i> , 2005 , 33, 1311-6	1.4	84
328	Patterns of cerebrospinal fluid catechols support increased central noradrenergic responsiveness in aging and Alzheimer's disease. <i>Biological Psychiatry</i> , 1999 , 46, 756-65	7.9	84
327	Progressive loss of cardiac sympathetic innervation in Parkinson's disease. <i>Annals of Neurology</i> , 2002 , 52, 220-3	9.4	83
326	Baroreflex failure as a late sequela of neck irradiation. <i>Hypertension</i> , 2003 , 42, 110-6	8.5	83
325	Mechanisms of orthostatic hypotension and supine hypertension in Parkinson disease. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 123-8	3.2	81
324	L-Dihydroxyphenylserine (L-DOPS): a norepinephrine prodrug. <i>Cardiovascular Drug Reviews</i> , 2006 , 24, 189-203		81
323	Neuronal source of plasma dihydroxyphenylalanine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987 , 64, 856-61	5.6	79
322	Cardiac implications of increased arterial entry and reversible 24-h central and peripheral norepinephrine levels in melancholia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8303-8	11.5	78

321	Plasma and urinary catecholamines during the human ovulatory cycle. <i>American Journal of Obstetrics and Gynecology</i> , 1983 , 146, 824-9	6.4	78
320	Complement 3 and factor h in human cerebrospinal fluid in Parkinson's disease, Alzheimer's disease, and multiple-system atrophy. <i>American Journal of Pathology</i> , 2011 , 178, 1509-16	5.8	77
319	Cardiac sympathetic denervation preceding motor signs in Parkinson disease. <i>Clinical Autonomic Research</i> , 2007 , 17, 118-21	4.3	77
318	Cardiac sympathetic dysautonomia in chronic orthostatic intolerance syndromes. <i>Circulation</i> , 2002 , 106, 2358-65	16.7	77
317	Sources and physiological significance of plasma dopamine sulfate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2523-31	5.6	77
316	Radiofrequency ablation: a novel approach for treatment of metastatic pheochromocytoma. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 648-9	9.7	73
315	Catecholamines and stress. <i>Endocrine Regulations</i> , 2003 , 37, 69-80	1.9	73
314	Relative contribution of core and skin temperatures to thermal comfort in humans. <i>Journal of Thermal Biology</i> , 2000 , 25, 147-150	2.9	72
313	Impaired basal and restraint-induced epinephrine secretion in corticotropin-releasing hormone-deficient mice. <i>Endocrinology</i> , 2000 , 141, 1142-50	4.8	70
312	Early copper therapy in classic Menkes disease patients with a novel splicing mutation. <i>Annals of Neurology</i> , 1995 , 38, 921-8	9.4	70
311	Coexpression of tyrosine hydroxylase, GTP cyclohydrolase I, aromatic amino acid decarboxylase, and vesicular monoamine transporter 2 from a helper virus-free herpes simplex virus type 1 vector supports high-level, long-term biochemical and behavioral correction of a rat model of Parkinson's disease. <i>Human Gene Therapy</i> , 2004 , 15, 1177-96	4.8	69
310	Derivation of urinary dopamine from plasma dihydroxyphenylalanine in humans. <i>Clinical Science</i> , 1993 , 84, 549-57	6.5	69
309	The role of interferon in cancer therapy: a current perspective. <i>Ca-A Cancer Journal for Clinicians</i> , 1988 , 38, 258-77	220.7	69
308	Biofeedback heart rate training during exercise. <i>Biofeedback and Self-regulation</i> , 1977 , 2, 107-25		66
307	Survival in synucleinopathies: A prospective cohort study. <i>Neurology</i> , 2015 , 85, 1554-61	6.5	64
306	Autonomic dysfunction in Parkinson disease. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013 , 117, 259-78	3	62
305	Catecholamines 101. <i>Clinical Autonomic Research</i> , 2010 , 20, 331-52	4.3	62
304	Adrenergic and endothelin B receptor-dependent hypertension in dopamine receptor type-2 knockout mice. <i>Hypertension</i> , 2001 , 38, 303-8	8.5	62

303	Effects of single or repeated immobilization on release of norepinephrine and its metabolites in the central nucleus of the amygdala in conscious rats. <i>Neuroendocrinology</i> , 1993 , 57, 626-33	5.6	62
302	Bacillus Calmette-Guérin plus intravesical interferon alpha-2b in patients with superficial bladder cancer. <i>Urology</i> , 1996 , 48, 957-61; discussion 961-2	1.6	61
301	Inhibition of peritoneal tumor-cell implantation: model for laparoscopic cancer surgery. <i>Journal of Endourology</i> , 1993 , 7, 237-41	2.7	61
300	Plasma dihydroxyphenylglycol for estimation of noradrenaline neuronal re-uptake in the sympathetic nervous system in vivo. <i>Clinical Science</i> , 1989 , 76, 171-82	6.5	61
299	Neuronal source of plasma dopamine. <i>Clinical Chemistry</i> , 2008 , 54, 1864-71	5.5	60
298	Urinary excretion rate of endothelin-1 in patients with essential hypertension and salt sensitivity. <i>Kidney International</i> , 1994 , 45, 556-60	9.9	60
297	Effects of handling or immobilization on plasma levels of 3,4-dihydroxyphenylalanine, catecholamines, and metabolites in rats. <i>Journal of Neurochemistry</i> , 1992 , 58, 2296-302	6	60
296	Circadian rhythms in executive function during the transition to adolescence: the effect of synchrony between chronotype and time of day. <i>Developmental Science</i> , 2012 , 15, 408-16	4.5	59
295	Cardiac and extracardiac sympathetic denervation in Parkinson's disease with orthostatic hypotension and in pure autonomic failure. <i>Journal of Nuclear Medicine</i> , 2005 , 46, 1775-81	8.9	59
294	Correction of a rat model of Parkinson's disease by coexpression of tyrosine hydroxylase and aromatic amino acid decarboxylase from a helper virus-free herpes simplex virus type 1 vector. <i>Human Gene Therapy</i> , 2003 , 14, 415-24	4.8	57
293	Is there a third peripheral catecholaminergic system? Endogenous dopamine as an autocrine/paracrine substance derived from plasma DOPA and inactivated by conjugation. <i>Hypertension Research</i> , 1995 , 18 Suppl 1, S93-9	4.7	57
292	Successful early copper therapy in Menkes disease associated with a mutant transcript containing a small in-frame deletion. <i>Biochemical and Molecular Medicine</i> , 1996 , 57, 37-46		57
291	Urinary excretion of dihydroxyphenylalanine and dopamine during alterations of dietary salt intake in humans. <i>Clinical Science</i> , 1989 , 76, 517-22	6.5	57
290	Clonidine suppression testing in essential hypertension. <i>Annals of Internal Medicine</i> , 1985 , 102, 42-9	8	57
289	Intra-neuronal vesicular uptake of catecholamines is decreased in patients with Lewy body diseases. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3320-30	15.9	57
288	Vesicular uptake blockade generates the toxic dopamine metabolite 3,4-dihydroxyphenylacetaldehyde in PC12 cells: relevance to the pathogenesis of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2012 , 123, 932-43	6	56
287	Generalized and neurotransmitter-selective noradrenergic denervation in Parkinson's disease with orthostatic hypotension. <i>Movement Disorders</i> , 2008 , 23, 1725-32	7	56
286	Naloxone, fentanyl, and diazepam modify plasma beta-endorphin levels during surgery. <i>Clinical Pharmacology and Therapeutics</i> , 1986 , 40, 165-71	6.1	56

285	Derivation of urinary dopamine from plasma dopa. <i>Clinical Science</i> , 1988 , 75, 515-20	6.5	56
284	Steady-state dopamine clearance in critically ill infants and children. <i>Critical Care Medicine</i> , 1988 , 16, 217-20	1.4	55
283	Cognition of arousal and actual arousal as determinants of emotion. <i>Journal of Personality and Social Psychology</i> , 1972 , 21, 41-51	6.5	55
282	Prothrombotic effects of environmental stress: changes in platelet function, hematocrit, and total plasma protein. <i>Psychosomatic Medicine</i> , 1995 , 57, 592-9	3.7	54
281	Stress-induced activation of the sympathetic nervous system. <i>Baillieres Clinical Endocrinology and Metabolism</i> , 1987 , 1, 253-78		54
280	ATP7A gene addition to the choroid plexus results in long-term rescue of the lethal copper transport defect in a Menkes disease mouse model. <i>Molecular Therapy</i> , 2011 , 19, 2114-23	11.7	53
279	Interrelations between sympathoadrenal system and hypothalamo-pituitary-adrenocortical/thyroid systems in rats exposed to cold stress. <i>Journal of Neuroendocrinology</i> , 1996 , 8, 533-41	3.8	53
278	Autonomic dysfunction in PD: a window to early detection?. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 118-22	3.2	52
277	Olfactory dysfunction in pure autonomic failure: Implications for the pathogenesis of Lewy body diseases. <i>Parkinsonism and Related Disorders</i> , 2009 , 15, 516-20	3.6	52
276	Noninvasive detection of sympathetic neurocirculatory failure. <i>Clinical Autonomic Research</i> , 2000 , 10, 285-91	4.3	52
275	Catecholamine-glucocorticoid interactions during surgical stress. <i>Journal of Surgical Research</i> , 1987 , 43, 539-45	2.5	52
274	Association of anosmia with autonomic failure in Parkinson disease. <i>Neurology</i> , 2010 , 74, 245-51	6.5	51
273	Different expression of catecholamine transporters in pheochromocytomas from patients with von Hippel-Lindau syndrome and multiple endocrine neoplasia type 2. <i>European Journal of Endocrinology</i> , 2005 , 153, 551-63	6.5	51
272	Levels of catechols in epileptogenic and nonepileptogenic regions of the human brain. <i>Journal of Neurochemistry</i> , 1988 , 50, 225-9	6	51
271	The possible association between COVID-19 and postural tachycardia syndrome. <i>Heart Rhythm</i> , 2021 , 18, 508-509	6.7	51
270	Cardiac denervation in patients with Parkinson disease. <i>Cleveland Clinic Journal of Medicine</i> , 2007 , 74 Suppl 1, S91-4	2.8	50
269	Age differences in choice satisfaction: a positivity effect in decision making. <i>Psychology and Aging</i> , 2008 , 23, 33-8	3.6	49
268	Diagnostic localization of pheochromocytoma: the coming of age of positron emission tomography. <i>Annals of the New York Academy of Sciences</i> , 2002 , 970, 170-6	6.5	49

267	Sympathoadrenal imbalance before neurocardiogenic syncope. <i>American Journal of Cardiology</i> , 2003 , 91, 53-8	3	48
266	Reduced vesicular storage of catecholamines causes progressive degeneration in the locus ceruleus. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 97-105	5.5	47
265	Pheochromocytoma: rediscovery as a catecholamine-metabolizing tumor. <i>Endocrine Pathology</i> , 2003 , 14, 193-212	4.2	47
264	Endocrine, renal, and hemodynamic responses to graded dopamine infusions in normal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 60, 821-6	5.6	47
263	Divalent metal ions enhance DOPAL-induced oligomerization of alpha-synuclein. <i>Neuroscience Letters</i> , 2014 , 569, 27-32	3.3	46
262	A "pheo" lurks: novel approaches for locating occult pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3641-6	5.6	46
261	Increased myocardial perfusion and sympathoadrenal activation during mild core hypothermia in awake humans. <i>Clinical Science</i> , 2003 , 104, 503-8	6.5	45
260	Sympathetic innervation and function in reflex sympathetic dystrophy. <i>Annals of Neurology</i> , 2000 , 48, 49-59	9.4	44
259	Separate mechanisms for behavioral, cardiovascular, and hormonal responses to dextroamphetamine in man. <i>Psychopharmacology</i> , 1984 , 84, 200-4	4.7	44
258	Benomyl, aldehyde dehydrogenase, DOPAL, and the catecholaldehyde hypothesis for the pathogenesis of Parkinson's disease. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1359-61	4	43
257	Sympathoneural and adrenomedullary responses to mental stress. <i>Comprehensive Physiology</i> , 2015 , 5, 119-46	7.7	43
256	Pandysautonomia associated with impaired ganglionic neurotransmission and circulating antibody to the neuronal nicotinic receptor. <i>Clinical Autonomic Research</i> , 2002 , 12, 281-5	4.3	43
255	Effects of alprazolam on pituitary-adrenal and catecholaminergic responses to metabolic stress in humans. <i>Biological Psychiatry</i> , 1992 , 32, 880-90	7.9	43
254	Plasma dihydroxyphenylalanine and total body and regional noradrenergic activity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989 , 68, 247-55	5.6	43
253	Angiotensin II increases cytosolic calcium and stimulates catecholamine release in cultured bovine adrenomedullary cells. <i>Cell Calcium</i> , 1987 , 8, 315-25	4	43
252	Dihydrocaffeic acid: a common contaminant in the liquid chromatographic-electrochemical measurement of plasma catecholamines in man. <i>Biomedical Applications</i> , 1984 , 311, 148-53		43
251	The extended autonomic system, dyshomeostasis, and COVID-19. <i>Clinical Autonomic Research</i> , 2020 , 30, 299-315	4.3	43
250	Modulation of rat rotational behavior by direct gene transfer of constitutively active protein kinase C into nigrostriatal neurons. <i>Journal of Neuroscience</i> , 1998 , 18, 4119-32	6.6	42

249	Clinical pharmacokinetics of the norepinephrine precursor L-threo-DOPS in primary chronic autonomic failure. <i>Clinical Autonomic Research</i> , 2004 , 14, 363-8	4.3	41
248	Simultaneous measurement of plasma and brain extracellular fluid concentrations of catechols after yohimbine administration in rats. <i>Brain Research</i> , 1991 , 542, 8-14	3.7	41
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