

# Phillip A Low

## List of Publications by Year in descending order

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236  
papers

21,574  
citations

6613  
79  
h-index

10445  
139  
g-index

237  
all docs

237  
docs citations

237  
times ranked

11841  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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.                           | 2.5  | 1,231     |
| 2  | Cardiovascular autonomic neuropathy in diabetes: clinical impact, assessment, diagnosis, and management. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 639-653.                                      | 4.0  | 675       |
| 3  | Autoantibodies to Ganglionic Acetylcholine Receptors in Autoimmune Autonomic Neuropathies. <i>New England Journal of Medicine</i> , 2000, 343, 847-855.  | 27.0 | 615       |
| 4  | Idiopathic postural orthostatic tachycardia syndrome. <i>Neurology</i> , 1993, 43, 132-132.  | 1.1  | 485       |
| 5  | Discriminating $\alpha$ -synuclein strains in Parkinson's disease and multiple system atrophy. <i>Nature</i> , 2020, 578, 273-277.   | 27.8 | 479       |
| 6  | Composite Autonomic Scoring Scale for Laboratory Quantification of Generalized Autonomic Failure. <i>Mayo Clinic Proceedings</i> , 1993, 68, 748-752.  | 3.0  | 432       |
| 7  | COMPASS 31: A Refined and Abbreviated Composite Autonomic Symptom Score. <i>Mayo Clinic Proceedings</i> , 2012, 87, 1196-1201.   | 3.0  | 403       |
| 8  | Efficacy of Midodrine vs Placebo in Neurogenic Orthostatic Hypotension. <i>JAMA - Journal of the American Medical Association</i> , 1997, 277, 1046.   | 7.4  | 360       |
| 9  | Postural Orthostatic Tachycardia Syndrome: The Mayo Clinic Experience. <i>Mayo Clinic Proceedings</i> , 2007, 82, 308-313.   | 3.0  | 331       |
| 10 | Postural Orthostatic Tachycardia Syndrome: The Mayo Clinic Experience. <i>Mayo Clinic Proceedings</i> , 2007, 82, 308-313.   | 3.0  | 324       |
| 11 | Oxidative Injury and Apoptosis of Dorsal Root Ganglion Neurons in Chronic Experimental Diabetic Neuropathy. <i>Diabetes</i> , 2003, 52, 165-171.   | 0.6  | 316       |
| 12 | The recommendations of a consensus panel for the screening, diagnosis, and treatment of neurogenic orthostatic hypotension and associated supine hypertension. <i>Journal of Neurology</i> , 2017, 264, 1567-1582. | 3.6  | 311       |
| 13 | Pathophysiological basis of orthostatic hypotension in autonomic failure. <i>Journal of Physiology</i> , 1999, 519, 1-10.  | 2.9  | 310       |
| 14 | NONSYSTEMIC VASCULITIC NEUROPATHY. <i>Brain</i> , 1987, 110, 843-853.  | 7.6  | 306       |
| 15 | 3,4-Diaminopyridine in the Treatment of Lambert-Eaton Myasthenic Syndrome. <i>New England Journal of Medicine</i> , 1989, 321, 1567-1571.  | 27.0 | 297       |
| 16 | Autonomic Symptoms and Diabetic Neuropathy: A population-based study. <i>Diabetes Care</i> , 2004, 27, 2942-2947.  | 8.6  | 281       |
| 17 | Postural Tachycardia Syndrome (POTS). <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 352-358.  | 1.7  | 272       |
| 18 | Effects of Prior Intensive Insulin Therapy on Cardiac Autonomic Nervous System Function in Type 1 Diabetes Mellitus. <i>Circulation</i> , 2009, 119, 2886-2893.  | 1.6  | 271       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Thermoregulatory Sweating Abnormalities in Diabetes Mellitus. Mayo Clinic Proceedings, 1989, 64, 617-628.   | 3.0  | 258       |
| 20 | Natural history of multiple system atrophy in the USA: a prospective cohort study. Lancet Neurology, The, 2015, 14, 710-719.                                  | 10.2 | 243       |
| 21 | Droxidopa for neurogenic orthostatic hypotension. Neurology, 2014, 83, 328-335.   | 1.1  | 239       |
| 22 | Prevalence of orthostatic hypotension. Clinical Autonomic Research, 2008, 18, 8-13.   | 2.5  | 238       |
| 23 | Pyridostigmine Treatment Trial in Neurogenic Orthostatic Hypotension. Archives of Neurology, 2006, 63, 513.   | 4.5  | 237       |
| 24 | Gastroparesis. Nature Reviews Disease Primers, 2018, 4, 41.   | 30.5 | 235       |
| 25 | Effect of age and gender on sudomotor and cardiovagal function and blood pressure response to tilt in normal subjects. , 1997, 20, 1561-1568.                 |      | 233       |
| 26 | Natural history of pure autonomic failure: A <scp>U</scp>nited <scp>S</scp>tates prospective cohort. Annals of Neurology, 2017, 81, 287-297.                  | 5.3  | 229       |
| 27 | The Movement Disorder Society Criteria for the Diagnosis of Multiple System Atrophy. Movement Disorders, 2022, 37, 1131-1148.                                 | 3.9  | 222       |
| 28 | Autoregulation of Cerebral Blood Flow in Orthostatic Hypotension. Stroke, 1998, 29, 104-111.  | 2.0  | 213       |
| 29 | Detection of small-fiber neuropathy by sudomotor testing. Muscle and Nerve, 2006, 34, 57-61.  | 2.2  | 208       |
| 30 | Management of neurogenic orthostatic hypotension: an update. Lancet Neurology, The, 2008, 7, 451-458.   | 10.2 | 202       |
| 31 | Distal small fiber neuropathy: Results of tests of sweating and autonomic cardiovascular reflexes. Muscle and Nerve, 1992, 15, 661-665.                       | 2.2  | 199       |
| 32 | Testing the Autonomic Nervous System. Seminars in Neurology, 2003, 23, 407-422.   | 1.4  | 198       |
| 33 | The spectrum of autoimmune autonomic neuropathies. Annals of Neurology, 2003, 53, 752-758.  | 5.3  | 195       |
| 34 | Autonomic Nervous System Function. Journal of Clinical Neurophysiology, 1993, 10, 14-27.  | 1.7  | 193       |
| 35 | Nerve Blood Flow and Oxygen Delivery In Normal, Diabetic, and Ischemic Neuropathy. International Review of Neurobiology, 1989, 31, 355-438.                   | 2.0  | 192       |
| 36 | Signs and symptoms versus nerve conduction studies to diagnose diabetic sensorimotor polyneuropathy: CI vs. NPhys trial. Muscle and Nerve, 2010, 42, 157-164. | 2.2  | 191       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Autonomic dysfunction following COVID-19 infection: an early experience. Clinical Autonomic Research, 2021, 31, 385-394.                                 | 2.5 | 189       |
| 38 | Postural Tachycardia Syndrome: Clinical Features and Follow-up Study. Mayo Clinic Proceedings, 1999, 74, 1106-1110.                                      | 3.0 | 188       |
| 39 | Expanding the spectrum of neuronal pathology in multiple system atrophy. Brain, 2015, 138, 2293-2309.  | 7.6 | 178       |
| 40 | Somatic and autonomic function in progressive autonomic failure and multiple system atrophy. Annals of Neurology, 1987, 22, 692-699.                     | 5.3 | 177       |
| 41 | Postural Tachycardia in Children and Adolescents: What is Abnormal?. Journal of Pediatrics, 2012, 160, 222-226.  | 1.8 | 177       |
| 42 | Prospective Evaluation of Clinical Characteristics of Orthostatic Hypotension. Mayo Clinic Proceedings, 1995, 70, 617-622.                               | 3.0 | 161       |
| 43 | Oxygen Free Radical Effects in Sciatic Nerve in Experimental Diabetes. Diabetes, 1991, 40, 873-877.  | 0.6 | 154       |
| 44 | Orthostatic heart rate changes in patients with autonomic failure caused by neurodegenerative synucleinopathies. Annals of Neurology, 2018, 83, 522-531. | 5.3 | 150       |

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| 55 | Double-blind, placebo-controlled study of the application of capsaicin cream in chronic distal painful polyneuropathy. Pain, 1995, 62, 163-168. | 4.2 | 124 |
| 56 | Recent advances in the pathogenesis of diabetic neuropathy. Clues from human diabetic neuropathy. Muscle and Nerve, 1987, 10, 121-128.          | 2.2 | 123 |
| 57 | Passive Transfer of Autoimmune Autonomic Neuropathy to Mice. Journal of Neuroscience, 2004, 24, 7037-7042.                                      | 3.6 | 123 |

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|----|--|------|-----------|
| 73 | Efficacy of rasagiline in patients with the parkinsonian variant of multiple system atrophy: a randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2015, 14, 145-152.   | 10.2 | 90        |
| 74 | Variants associated with Gaucher disease in multiple system atrophy. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 417-426.   | 3.7  | 90        |
| 75 | Pure autonomic failure. <i>Neurology</i> , 2017, 88, 1129-1136.  | 1.1  | 90        |
| 76 | Electrodiagnostic assessment of the autonomic nervous system: A consensus statement endorsed by the American Autonomic Society, American Academy of Neurology, and the International Federation of Clinical Neurophysiology. <i>Clinical Neurophysiology</i> , 2021, 132, 666-682. | 1.5  | 88        |
| 77 | Role of Physical Countermeasures in the Management of Orthostatic Hypotension: Efficacy and Biofeedback Augmentation. <i>Mayo Clinic Proceedings</i> , 1996, 71, 847-853.  | 3.0  | 87        |
| 78 | Stridor in multiple system atrophy. <i>Neurology</i> , 2019, 93, 630-639.  | 1.1  | 86        |
| 79 | Inappropriate Sinus Tachycardia, Postural Orthostatic Tachycardia Syndrome, and Overlapping Syndromes. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 1112-1121.  | 1.2  | 85        |
| 80 | No evidence for systemic oxidant stress in Parkinson's or Alzheimer's disease. <i>Movement Disorders</i> , 1995, 10, 566-573.  | 3.9  | 84        |
| 81 | Alpha-lipoic acid provides neuroprotection from ischemia-reperfusion injury of peripheral nerve. <i>Journal of the Neurological Sciences</i> , 1999, 163, 11-16.   | 0.6  | 80        |
| 82 | Enhanced inflammatory response via activation of NF- $\kappa$ B in acute experimental diabetic neuropathy subjected to ischemia-reperfusion injury. <i>Journal of the Neurological Sciences</i> , 2006, 247, 47-52.  | 0.6  | 80        |
| 83 | Use of the photoplethysmographic technique to analyze the valsalva maneuver in normal man. <i>Muscle and Nerve</i> , 1991, 14, 1165-1172.  | 2.2  | 79        |
| 84 | $\alpha$ -Synuclein Oligomers and Neurofilament Light Chain in Spinal Fluid Differentiate Multiple System Atrophy from Lewy Body Synucleinopathies. <i>Annals of Neurology</i> , 2020, 88, 503-512.  | 5.3  | 78        |
| 85 | Experimental Autoimmune Autonomic Neuropathy. <i>Journal of Neurophysiology</i> , 2003, 90, 2053-2059.   | 1.8  | 78        |
| 86 | A randomised controlled study of the effect of cholinesterase inhibition on colon function in patients with diabetes mellitus and constipation. <i>Gut</i> , 2013, 62, 708-715.  | 12.1 | 76        |
| 87 | Multiple system atrophy: Prognostic indicators of survival. <i>Movement Disorders</i> , 2014, 29, 1151-1157.   | 3.9  | 76        |
| 88 | Relationship Between Glycemic Control and Gastric Emptying in Poorly Controlled Type 2 Diabetes. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 466-476.e1.   | 4.4  | 75        |
| 89 | A critique of the second consensus criteria for multiple system atrophy. <i>Movement Disorders</i> , 2019, 34, 975-984.  | 3.9  | 73        |
| 90 | Effect of age on adrenergic and vagal baroreflex sensitivity in normal subjects. <i>Muscle and Nerve</i> , 2007, 36, 637-642.  | 2.2  | 72        |

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|-----|---|-----|-----------|
| 91  | Characterization of ganglionic acetylcholine receptor autoantibodies. Journal of Neuroimmunology, 2008, 197, 63-69.   | 2.3 | 71        |
| 92  | Association Between Cardiovascular Autonomic Neuropathy and Left Ventricular Dysfunction. Journal of the American College of Cardiology, 2013, 61, 447-454.   | 2.8 | 71        |
| 93  | A Prospective, 1-Year Follow-up Study of Postural Tachycardia Syndrome. Mayo Clinic Proceedings, 2012, 87, 746-752.   | 3.0 | 70        |
| 94  | Autonomic system and amyotrophic lateral sclerosis. Muscle and Nerve, 2015, 51, 676-679.  | 2.2 | 68        |
| 95  | Predictors of improvement and progression of diabetic polyneuropathy following treatment with $\alpha$ -lipoic acid for 4years in the NATHAN 1 trial. Journal of Diabetes and Its Complications, 2016, 30, 350-356. | 2.3 | 66        |
| 96  | Ischemic reperfusion causes lipid peroxidation and fiber degeneration. Muscle and Nerve, 1996, 19, 37-47.   | 2.2 | 65        |
| 97  | Is Sinus Node Modification Appropriate for Inappropriate Sinus Tachycardia with Features of Postural Orthostatic Tachycardia Syndrome?. PACE - Pacing and Clinical Electrophysiology, 2001, 24, 217-230.            | 1.2 | 65        |
| 98  | In vivo studies on receptor pharmacology of the human eccrine sweat gland. Clinical Autonomic Research, 1992, 2, 29-34.   | 2.5 | 64        |
| 99  | Autonomic Dysfunction in Migraineurs. Headache, 1999, 39, 108-117.  | 3.9 | 64        |
| 100 | Intrathecal administration of autologous mesenchymal stem cells in multiple system atrophy. Neurology, 2019, 93, e77-e87.   | 1.1 | 62        |
| 101 | Hypothermic neuroprotection of peripheral nerve of rats from ischaemiaâ€“reperfusion injury. Brain, 1999, 122, 161-169.   | 7.6 | 60        |
| 102 | Hemodynamic and symptomatic effects of acute interventions on tilt in patients with postural tachycardia syndrome. Clinical Autonomic Research, 2000, 10, 29-33.  | 2.5 | 60        |
| 103 | Inflammatory mediators in diabetic and non-diabetic lumbosacral radiculoplexus neuropathy. Acta Neuropathologica, 2008, 115, 231-239.   | 7.7 | 60        |
| 104 | Potential outcome measures and trial design issues for multiple system atrophy. Movement Disorders, 2007, 22, 2371-2377.  | 3.9 | 59        |
| 105 | Quantitative sensation and autonomic test abnormalities in transthyretin amyloidosis polyneuropathy. Muscle and Nerve, 2009, 40, 363-370.   | 2.2 | 57        |
| 106 | What is the minimum duration of head-up tilt necessary to detect orthostatic hypotension?. Clinical Autonomic Research, 2005, 15, 71-75.  | 2.5 | 56        |
| 107 | Comparison of directly stimulated with axon-reflex-mediated sudomotor responses in human subjects and in patients with diabetes. Muscle and Nerve, 1993, 16, 655-660.   | 2.2 | 55        |
| 108 | Adrenergic control of nerve blood flow. Experimental Neurology, 1990, 109, 300-307.   | 4.1 | 54        |

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|-----|--|-----|-----------|
| 109 | Other autonomic neuropathies associated with ganglionic antibody. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 146, 13-17.                                      | 2.8 | 54        |
| 110 | Pure Autonomic Failure. <i>Mayo Clinic Proceedings</i> , 2019, 94, 2087-2098.  | 3.0 | 53        |
| 111 | Peripheral nerve ischemia: reperfusion injury and fiber regeneration. <i>Experimental Neurology</i> , 2003, 184, 997-1002.   | 4.1 | 51        |
| 112 | Differential involvement of hypothalamic vasopressin neurons in multiple system atrophy. <i>Brain</i> , 2006, 129, 2688-2696.  | 7.6 | 51        |
| 113 | Alpha-synuclein Oligomers and Neurofilament Light Chain Predict Phenoconversion of Pure Autonomic Failure. <i>Annals of Neurology</i> , 2021, 89, 1212-1220.                 | 5.3 | 51        |
| 114 | Chapter 36 Laboratory evaluation of autonomic function. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 358-368.  | 2.1 | 50        |
| 115 | Acetylcholinesterase Inhibition in Patients With Orthostatic Intolerance. <i>Journal of Clinical Neurophysiology</i> , 2006, 23, 477-482.                                    | 1.7 | 50        |
| 116 | Normative Data on Phases of the Valsalva Maneuver. <i>Journal of Clinical Neurophysiology</i> , 1998, 15, 535-540.   | 1.7 | 50        |
| 117 | Diabetic Autonomic Neuropathy. <i>Seminars in Neurology</i> , 1996, 16, 143-151.   | 1.4 | 49        |
| 118 | Infrequent SCN9A mutations in congenital insensitivity to pain and erythromelalgia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 386-391.            | 1.9 | 49        |
| 119 | Neurophysiologic and Vascular Studies in Erythromelalgia. <i>Journal of Clinical Neuromuscular Disease</i> , 1999, 1, 57-63.   | 0.7 | 48        |
| 120 | Anhidrosis in multiple system atrophy involves pre- and postganglionic sudomotor dysfunction. <i>Movement Disorders</i> , 2017, 32, 397-404.                                 | 3.9 | 48        |
| 121 | The acetylcholine-induced flare response in evaluation of small fiber dysfunction. <i>Annals of Neurology</i> , 1991, 29, 590-595.   | 5.3 | 47        |
| 122 | Autonomic dysfunction in patients with chronic intestinal pseudo-obstruction. <i>Clinical Autonomic Research</i> , 1993, 3, 95-100.  | 2.5 | 46        |
| 123 | The role of autonomic testing in the differentiation of Parkinson's disease from multiple system atrophy. <i>Journal of the Neurological Sciences</i> , 2012, 317, 92-96.    | 0.6 | 46        |
| 124 | Splanchnic preganglionic neurons in man. <i>Acta Neuropathologica</i> , 1977, 40, 55-61.   | 7.7 | 42        |
| 125 | The influence of dose of microspheres on nerve blood flow, electrophysiology, and fiber degeneration of rat peripheral nerve. <i>Muscle and Nerve</i> , 1993, 16, 1383-1389. | 2.2 | 42        |
| 126 | Zonisamide and associated oligohidrosis and hyperthermia. <i>Epilepsy Research</i> , 2004, 62, 27-34.  | 1.6 | 42        |



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|-----|--|-----|-----------|
| 127 | Influence of posture on the Valsalva manoeuvre. <i>Clinical Science</i> , 2001, 100, 433-440.  | 4.3 | 41        |
| 128 | Immunotherapy for autoimmune autonomic ganglionopathy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 146, 22-25.   | 2.8 | 41        |
| 129 | Effect of perturbations and a meal on superior mesenteric artery flow in patients with orthostatic hypotension. <i>Journal of the Autonomic Nervous System</i> , 1997, 67, 15-23.                            | 1.9 | 40        |
| 130 | Impaired glucose tolerance is associated with postganglionic sudomotor impairment. <i>Clinical Autonomic Research</i> , 2007, 17, 231-233.   | 2.5 | 40        |
| 131 | Effects of Multiple Injections of Hypertonic Dextrose in the Rabbit Carpal Tunnel: A Potential Model of Carpal Tunnel Syndrome Development. <i>Hand</i> , 2014, 9, 52-57.                                    | 1.2 | 40        |
| 132 | Characterization of muscarinic receptor subtype of rat eccrine sweat gland by autoradiography. <i>Brain Research</i> , 1991, 550, 129-132.   | 2.2 | 37        |
| 133 | Mechanisms of blood pressure alterations in response to the Valsalva maneuver in postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2000, 10, 1-5.  | 2.5 | 37        |
| 134 | Effect of ischemia and reperfusion in vivo on energy metabolism of rat sciatic-tibial and caudal nerves. <i>Experimental Neurology</i> , 1991, 114, 315-320.   | 4.1 | 36        |
| 135 | Schwann cell is a target in ischemia-reperfusion injury to peripheral nerve. <i>Muscle and Nerve</i> , 2004, 30, 761-766.  | 2.2 | 36        |
| 136 | Predicting phenoconversion in pure autonomic failure. <i>Neurology</i> , 2020, 95, e889-e897.  | 1.1 | 36        |
| 137 | Clinical and Laboratory Indices That Enhance the Diagnosis of Postural Tachycardia Syndrome. <i>Mayo Clinic Proceedings</i> , 1998, 73, 1141-1150.   | 3.0 | 35        |
| 138 | Autonomic neuropathies. <i>Current Opinion in Neurology</i> , 2002, 15, 605-609.   | 3.6 | 35        |
| 139 | Thermoregulation in Parkinson disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 157, 715-725.   | 1.8 | 34        |
| 140 | Spectrum of diabetic neuropathies. <i>Diabetology International</i> , 2020, 11, 87-96.   | 1.4 | 34        |
| 141 | “Unequivocally Abnormal” vs “Usual” Signs and Symptoms for Proficient Diagnosis of Diabetic Polyneuropathy. <i>Archives of Neurology</i> , 2012, 69, 1609.   | 4.5 | 33        |
| 142 | Effects of Patient-Controlled Abdominal Compression on Standing Systolic Blood Pressure in Adults With Orthostatic Hypotension. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 505-510. | 0.9 | 33        |
| 143 | Experimental ischemic neuropathy: Salvage with hyperbaric oxygenation. <i>Annals of Neurology</i> , 1995, 37, 89-94.   | 5.3 | 32        |
| 144 | Multiple effects of hypothermia on inflammatory response following ischemia–reperfusion injury in experimental ischemic neuropathy. <i>Experimental Neurology</i> , 2006, 202, 487-496.                      | 4.1 | 31        |

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|-----|--|-----|-----------|
| 145 | Can Autonomic Testing and Imaging Contribute to the Early Diagnosis of Multiple System Atrophy? A Systematic Review and Recommendations by the <scp>Movement Disorder Society</scp> Multiple System Atrophy Study Group. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 750-762. | 1.5 | 31        |
| 146 | The expanding role of the cold pressor test: a brief history. <i>Clinical Autonomic Research</i> , 2021, 31, 153-155.  | 2.5 | 31        |
| 147 | Postural tachycardia syndrome: time frequency mapping. <i>Journal of the Autonomic Nervous System</i> , 1996, 61, 313-320.   | 1.9 | 30        |
| 148 | The expression of proinflammatory cytokine mRNA in the sciaticâ€“tibial nerve of ischemiaâ€“reperfusion injury. <i>Brain Research</i> , 1999, 844, 192-195.  | 2.2 | 30        |
| 149 | Efficacy of limb cooling on the salvage of peripheral nerve from ischemic fiber degeneration. , 1996, 19, 203-209.   |     | 29        |
| 150 | The Autonomic Laboratory. <i>American Journal of Electroneurodiagnostic Technology</i> , 1999, 39, 65-76.  | 0.2 | 28        |
| 151 | Decreased peripheral nerve damage after ischemiaâ€“reperfusion injury in mice lacking TNF-alpha. <i>Journal of the Neurological Sciences</i> , 2008, 267, 107-111.   | 0.6 | 28        |
| 152 | Differential effects of amitriptyline on sudomotor, cardiovagal, and adrenergic function in human subjects. <i>Muscle and Nerve</i> , 1992, 15, 1340-1344.   | 2.2 | 27        |
| 153 | Antibody-mediated impairment and homeostatic plasticity of autonomic ganglionic synaptic transmission. <i>Experimental Neurology</i> , 2010, 222, 114-119.   | 4.1 | 26        |
| 154 | Relationship Between Gastric Emptying and Diurnal Glycemic Control in Type 1 Diabetes Mellitus: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 398-406.  | 3.6 | 24        |
| 155 | Neurogenic orthostatic hypotension: pathophysiology and diagnosis. <i>American Journal of Managed Care</i> , 2015, 21, s248-57.  | 1.1 | 24        |
| 156 | Effect of Position on Valsalva Maneuver: Supine versus 20 Degree Position. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 313-316.   | 1.7 | 23        |
| 157 | Association of N-type calcium channel autoimmunity in patients with autoimmune autonomic ganglionopathy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 150, 136-139.   | 2.8 | 23        |
| 158 | MAPT haplotype diversity in multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2016, 30, 40-45.  | 2.2 | 23        |
| 159 | Patients with Orthostatic Intolerance: Relationship to Autonomic Function Tests results and Reproducibility of Symptoms on Tilt. <i>Scientific Reports</i> , 2017, 7, 5706.  | 3.3 | 23        |
| 160 | Recommendations of the Global Multiple System Atrophy Research Roadmap Meeting. <i>Neurology</i> , 2018, 90, 74-82.  | 1.1 | 23        |
| 161 | Neurogenic Orthostatic Hypotension in Parkinson Disease: A Primer. <i>Neurology and Therapy</i> , 2019, 8, 307-324.  | 3.2 | 23        |
| 162 | Autonomic dysfunction and phenoconversion in idiopathic REM sleep behavior disorder. <i>Clinical Autonomic Research</i> , 2020, 30, 207-213.   | 2.5 | 23        |

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|-----|---|-----|-----------|
| 163 | Splanchnic preganglionic neurons in man: II. Morphometry of myelinated fibers of T7 ventral spinal root. <i>Acta Neuropathologica</i> , 1977, 40, 219-225.  | 7.7 | 22        |
| 164 | Patients With Fibromyalgia Have Significant Autonomic Symptoms But Modest Autonomic Dysfunction. <i>PM and R</i> , 2016, 8, 425-435.  | 1.6 | 22        |
| 165 | Limitations of the Unified Multiple System Atrophy Rating Scale as outcome measure for clinical trials and a roadmap for improvement. <i>Clinical Autonomic Research</i> , 2021, 31, 157-164.         | 2.5 | 22        |
| 166 | Dysphagia in multiple system atrophy consensus statement on diagnosis, prognosis and treatment. <i>Parkinsonism and Related Disorders</i> , 2021, 86, 124-132.  | 2.2 | 22        |
| 167 | Hypothermic neuroprotection of peripheral nerve of rats from ischemiaâ€“reperfusion injury: intranscemic vs. reperfusion hypothermia. <i>Brain Research</i> , 1999, 827, 63-69.                       | 2.2 | 21        |
| 168 | Gene expression of antioxidant enzymes in experimental diabetic neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2000, 5, 11-18.   | 3.1 | 20        |
| 169 | Ganglionic Antibody Level as a Predictor of Severity of Autonomic Failure. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1440-1447.  | 3.0 | 20        |
| 170 | Aortic occlusion and reperfusion and conduction, blood flow, and the blood-nerve barrier of rat sciatic nerve. <i>Experimental Neurology</i> , 1989, 103, 173-178.                                    | 4.1 | 18        |
| 171 | Peripheral nerve energy metabolism in experimental diabetic neuropathy. <i>Neuroscience Research Communications</i> , 1997, 21, 49-56.  | 0.2 | 18        |
| 172 | Sex and gender influence symptom manifestation and survival in multiple system atrophy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 219, 49-52.   | 2.8 | 18        |
| 173 | Small Fiber Neuropathy Incidence, Prevalence, Longitudinal Impairments, and Disability. <i>Neurology</i> , 2021, 97, e2236-e2247.   | 1.1 | 18        |
| 174 | III. Morphometry of Myelinated Fibers of Rami Communicantes. <i>Journal of Neuropathology and Experimental Neurology</i> , 1978, 37, 734-740.   | 1.7 | 17        |
| 175 | Transthyretin amyloid neuropathy has earlier neural involvement but better prognosis than primary amyloid counterpart: an answer to the paradox?. <i>Annals of Neurology</i> , 2016, 80, 401-411.     | 5.3 | 17        |
| 176 | Endoneurial potassium is increased and enhances spontaneous activity in regenerating mammalian nerve fibers?implications for neuropathic positive symptoms. <i>Muscle and Nerve</i> , 1985, 8, 27-33. | 2.2 | 16        |
| 177 | Comparison of baroreflex sensitivity with a fall and rise in blood pressure induced by the Valsalva manoeuvre. <i>Clinical Science</i> , 2014, 127, 307-313.  | 4.3 | 16        |
| 178 | Is multiple system atrophy an infectious disease?. <i>Annals of Neurology</i> , 2018, 83, 10-12.  | 5.3 | 16        |
| 179 | Progressive supranuclear palsy is not associated with neurogenic orthostatic hypotension. <i>Neurology</i> , 2019, 93, e1339-e1347.   | 1.1 | 16        |
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