

Peter Turcani

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

4,032
citations

331538

21
h-index

114418

63
g-index

84
all docs

84
docs citations

84
times ranked

4653
citing authors

#	ARTICLE	IF	CITATIONS
1	Placebo-Controlled Phase 3 Study of Oral BG-12 for Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2012, 367, 1098-1107.	13.9	1,493
2	Placebo-Controlled Phase 3 Study of Oral BG-12 or Glatiramer in Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2012, 367, 1087-1097.	13.9	1,161
3	Challenges with advanced therapy medicinal products and how to meet them. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 195-201.	21.5	191
4	Impaired baroreflex sensitivity predicts outcome of acute intracerebral hemorrhage. <i>Critical Care Medicine</i> , 2008, 36, 3074-3079.	0.4	101
5	Baroreflex: A New Therapeutic Target in Human Stroke?. <i>Stroke</i> , 2009, 40, e678-82.	1.0	97
6	Impaired Baroreceptor Reflex Sensitivity in Acute Stroke Is Associated With Insular Involvement, But Not With Carotid Atherosclerosis. <i>Stroke</i> , 2009, 40, 737-742.	1.0	77
7	A Prospective, Randomized, Placebo-Controlled, Double-Blind Trial about Safety and Efficacy of Combined Treatment with Alteplase (rt-PA) and Cerebrolysin in Acute Ischaemic Hemispheric Stroke. <i>International Journal of Stroke</i> , 2013, 8, 95-104.	2.9	67
8	Oxidative Stress Markers and Their Dynamic Changes in Patients after Acute Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	1.9	54
9	Autonomic Shift and Increased Susceptibility to Infections After Acute Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 1218-1223.	1.0	46
10	Hyperinsulinemia in newly diagnosed patients with multiple sclerosis. <i>Metabolic Brain Disease</i> , 2015, 30, 895-901.	1.4	45
11	Acute and regular exercise distinctly modulate serum, plasma and skeletal muscle BDNF in the elderly. <i>Neuropeptides</i> , 2019, 78, 101961.	0.9	41
12	Subacute perihematomal edema in intracerebral hemorrhage is associated with impaired blood pressure regulation. <i>Journal of the Neurological Sciences</i> , 2009, 284, 108-112.	0.3	39
13	Sleep Disorders in Patients with Multiple Sclerosis. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 553-557.	1.4	38
14	Baroreflex Sensitivity to Predict Malignant Middle Cerebral Artery Infarction. <i>Stroke</i> , 2012, 43, 714-719.	1.0	32
15	Early cognitive impairment along with decreased stress-induced BDNF in male and female patients with newly diagnosed multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2017, 302, 34-40.	1.1	28
16	Autonomic Effects of Intraventricular Extension in Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2012, 16, 102-108.	1.2	24
17	Association of Sleep Disordered Breathing with Wake-Up Acute Ischemic Stroke: A Full Polysomnographic Study. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 549-554.	1.4	24
18	Blood Pressure Course in Acute Stroke Relates to Baroreflex Dysfunction. <i>Cerebrovascular Diseases</i> , 2010, 30, 172-179.	0.8	23

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19	How Does Fingolimod (Gilenya®) Fit in the Treatment Algorithm for Highly Active Relapsing-Remitting Multiple Sclerosis?. <i>Frontiers in Neurology</i> , 2013, 4, 10.	1.1	23
20	Decreased baroreflex sensitivity in Parkinson's disease is associated with orthostatic hypotension. <i>Journal of the Neurological Sciences</i> , 2017, 377, 207-211.	0.3	23
21	Aerobic-Strength Exercise Improves Metabolism and Clinical State in Parkinson's Disease Patients. <i>Frontiers in Neurology</i> , 2017, 8, 698.	1.1	23
22	Excessive Daytime Sleepiness in Acute Ischemic Stroke: Association With Restless Legs Syndrome, Diabetes Mellitus, Obesity, and Sleep-Disordered Breathing. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 95-100.	1.4	22
23	Thrombolysis in Stroke With Unknown Onset Based on Non-Contrast Computerized Tomography (TRUST CT). <i>Journal of the American Heart Association</i> , 2020, 9, e014265.	1.6	18
24	Possible Morphological Pathomechanisms of Ischemic Stroke in the Posterior Circulation of Patients with Vertebral Artery Hypoplasia. <i>Journal of Neuroimaging</i> , 2015, 25, 408-414.	1.0	17
25	Management of multiple sclerosis patients in central European countries: current needs and potential solutions. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641875918.	1.5	17
26	Fingolimod in the treatment algorithm of relapsing remitting multiple sclerosis: a statement of the Central and East European (CEE) MS Expert Group. <i>Wiener Medizinische Wochenschrift</i> , 2012, 162, 354-366.	0.5	16
27	Lipoprotein profiling in early multiple sclerosis patients: effect of chronic inflammation?. <i>Lipids in Health and Disease</i> , 2020, 19, 49.	1.2	15
28	Adult onset cerebral form of X-linked adrenoleukodystrophy with dementia of frontal lobe type with new L160P mutation in ABCD1 gene. <i>Journal of the Neurological Sciences</i> , 2007, 263, 149-153.	0.3	14
29	Vertebral artery hypoplasia and the posterior circulation stroke. <i>Perspectives in Medicine</i> , 2012, 1, 198-202.	0.4	14
30	Association of non-diabetic hyperglycemia with autonomic shift in acute ischaemic stroke. <i>European Journal of Neurology</i> , 2012, 19, 84-90.	1.7	14
31	Stroke Care in Central Eastern Europe: Current Problems and Call for Action. <i>International Journal of Stroke</i> , 2013, 8, 365-371.	2.9	12
32	Neuropathology and biochemistry of early onset familial Alzheimer's disease caused by presenilin-1 missense mutation Thr116Asn. <i>Journal of Neural Transmission</i> , 2018, 125, 965-976.	1.4	12
33	Autonomic Nervous System Response to Stressors in Newly Diagnosed Patients with Multiple Sclerosis. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 363-370.	1.7	12
34	Effect of propentofylline on cerebral blood flow in a gerbil focal cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2001, 183, 57-60.	0.3	11
35	Inhibitory effect of stobadine on FMLP-induced chemiluminescence in human whole blood and isolated polymorphonuclear leukocytes. <i>Luminescence</i> , 2007, 22, 67-71.	1.5	11
36	Recommendations for the Use of Prolonged-Release Fampridine in Patients with Multiple Sclerosis (<sc>MS</sc>). <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 302-306.	1.9	11

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37	Multiple Sclerosis: Evaluation of Purine Nucleotide Metabolism in Central Nervous System in Association with Serum Levels of Selected Fat-Soluble Antioxidants. <i>Multiple Sclerosis International</i> , 2014, 2014, 1-9.	0.4	11
38	Causes of Excessive Daytime Sleepiness in Patients with Acute Stroke—A Polysomnographic Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 83-86.	0.7	11
39	Gender differences in LDL- and HDL-cholesterol subfractions in patients after the acute ischemic stroke and their association with oxidative stress markers. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 63, 144-148.	0.6	10
40	LDL and HDL lipoprotein subfractions in multiple sclerosis patients with decreased insulin sensitivity. <i>Endocrine Regulations</i> , 2018, 52, 139-145.	0.5	10
41	Frequency of selected single nucleotide polymorphisms influencing the warfarin pharmacogenetics in Slovak population. <i>European Journal of Haematology</i> , 2014, 93, 320-328.	1.1	9
42	Characteristics of Sleep-Disordered Breathing in Etiologic Subtypes of Minor-to-Moderate Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1087-1093.	0.7	8
43	Carotid intima-media thickness is not associated with homocysteine and vitamin D levels in obstructive sleep apnea. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 263-266.	0.6	8
44	Heart rate entropy is associated with mortality after intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117033.	0.3	8
45	The impact of sleep apnea syndrome on the altered lipid metabolism and the redox balance. <i>Lipids in Health and Disease</i> , 2021, 20, 175.	1.2	7
46	Predictors of impaired endothelial function in obstructive sleep apnea syndrome. <i>Neuroendocrinology Letters</i> , 2014, 35, 142-8.	0.2	7
47	O2-08-05: Combined aerobic-strength exercise improves cognitive functions in patients with mild cognitive impairment. , 2015, 11, P193-P193.		6
48	Pulse oximetric routine examination of sleep apnea in acute stroke (PRESS). <i>Sleep Medicine</i> , 2020, 73, 208-212.	0.8	6
49	Sleep apnea prediction in acute ischemic stroke (SLAPS score): a derivation study. <i>Sleep Medicine</i> , 2021, 77, 23-28.	0.8	6
50	Genetic aspects of vitamin D receptor and metabolism in relation to the risk of multiple sclerosis. <i>General Physiology and Biophysics</i> , 2013, 32, 459-466.	0.4	5
51	Baroreflex sensitivity is associated with post-stroke infections. An open, prospective study. <i>Journal of the Neurological Sciences</i> , 2019, 406, 116450.	0.3	5
52	Real-World Treatment Patterns of Disease Modifying Therapy (DMT) for Patients with Relapse-Remitting Multiple Sclerosis and Patient Satisfaction with Therapy: Results of the Non-Interventional SKARLET Study in Slovakia. <i>Patient Preference and Adherence</i> , 2020, Volume 14, 1129-1135.	0.8	5
53	Cardiac autonomic function in patients with early multiple sclerosis. <i>Clinical Autonomic Research</i> , 2021, 31, 553-562.	1.4	5
54	Impairment of endothelial function in patients with multiple sclerosis. <i>Neuroendocrinology Letters</i> , 2015, 36, 67-71.	0.2	5

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55	The effect of betaadrenoceptor blocking drugs on malondialdehyde production in the rat platelets. <i>Thrombosis Research</i> , 1981, 21, 513-516.	0.8	4
56	Association of lipoprotein subfractions with endothelial function and arterial stiffness in acute ischemic stroke. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 36-39.	0.6	4
57	Neurofilament light chain and MRI volume parameters as markers of neurodegeneration in multiple sclerosis. <i>Neuroendocrinology Letters</i> , 2020, 41, 17-26.	0.2	4
58	The effect of beta-adrenoceptor blocking drugs on β -ecto-ATPase activity of rat blood platelets. <i>Biochemical Pharmacology</i> , 1982, 31, 3122-3124.	2.0	3
59	HPLC MEASUREMENT OF PURINE NUCLEOTIDE DEGRADATION PRODUCTS IN AMNIOTIC FLUID AND ITS USE IN PRENATAL DIAGNOSIS. <i>Instrumentation Science and Technology</i> , 2001, 19, 171-176.	0.8	3
60	Propentofylline rapidly normalizes mitochondrial respiration in a gerbil low flow unilateral forebrain ischemia. <i>Neuroscience Letters</i> , 2003, 349, 87-90.	1.0	3
61	Allelic Distribution of Genes for Apolipoprotein E and MTHFR in Patients with Alzheimer's Disease and Their Epistatic Interaction. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1095-1105.	1.2	3
62	The effect of betaadrenoceptor blocking drugs on the integrity of rat platelets as measured by ^{51}Cr liberation. <i>Thrombosis Research</i> , 1981, 23, 187-191.	0.8	2
63	Atypical Huntington's disease with the clinical presentation of behavioural variant of frontotemporal dementia. <i>Journal of Neural Transmission</i> , 2016, 123, 1423-1433.	1.4	2
64	Prevalence, Recognition, and Treatment of Dementia in Assisted Living Facilities. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018, 45, 27-37.	0.7	2
65	O3: A LINK BETWEEN COGNITIVE FUNCTION AND PHYSICAL ACTIVITY: THE IMPACT OF AEROBIC STRENGTH EXERCISE IN SENIORS WITH MILD COGNITIVE IMPAIRMENT AND/OR IMPAIRED GLUCOSE METABOLISM. <i>Alzheimer's and Dementia</i> , 2018, 14, P1030.	0.4	1
66	Association of Lipid Profile with Sleep-Disordered Breathing in Patients with Acute Ischemic Stroke. <i>Journal of Stroke Medicine</i> , 2020, 3, 28-33.	0.2	1
67	Effects of Short- and Long-Term Aerobic-Strength Training and Determinants of Walking Speed in the Elderly. <i>Gerontology</i> , 2022, 68, 151-161.	1.4	1
68	Differing clinical presentations of two unrelated cases of X-linked adrenoleukodystrophy with identical mutation Y296C in the ABCD1 gene. <i>Neuroendocrinology Letters</i> , 2014, 35, 411-6.	0.2	1
69	P2154: Effects of Aerobic Strength Training on Selected Molecular Targets in Cerebrospinal Fluid of Seniors with Mild Cognitive Impairment. <i>Alzheimer's and Dementia</i> , 2016, 12, P673.	0.4	0
70	P2-182: A Variant of Frontotemporal Lobar Degeneration with Expanded Trinucleotide CAG Repeats in the Huntingtin Gene. , 2016, 12, P687-P687.		0
71	[P2021]: EFFECTS OF ENDURANCE STRENGTH TRAINING ON MOTOR FUNCTIONS, COGNITION AND GLUCOSE METABOLISM IN PATIENTS WITH PARKINSON'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P612.	0.4	0
72	[P3109]: ALLELIC DISTRIBUTION OF GENES FOR APOLIPOPROTEIN E AND MTHFR IN PATIENTS WITH ALZHEIMER'S DISEASE AND THEIR EPISTATIC INTERACTION. <i>Alzheimer's and Dementia</i> , 2017, 13, P976.	0.4	0

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73	P1â€500: NEUROPATHOLOGY OF EARLYâ€ONSET FAMILIAL ALZHEIMER'S DISEASE CAUSED BY PRESENILINâ€1 MISSENSE MUTATION THR116ASN. Alzheimer's and Dementia, 2018, 14, P521.	0.4	0
74	Cytokine profile in cerebrospinal fluid of elderly individuals is modulated by threeâ€month exercise intervention, in parallel with improvements of physical fitness and cognitive functions. Alzheimer's and Dementia, 2020, 16, e042159.	0.4	0
75	Association of lipoprotein levels with sleep apnea: role of autonomic dysfunction. Endocrine Regulations, 2021, 55, 22-29.	0.5	0
76	Obstructive sleep apnea and cerebral blood flow. Ceska A Slovenska Neurologie A Neurochirurgie, 2019, 82/115, 268-273.	0.0	0
77	Hypersomnia in acute bilateral thalamic ischemic stroke. Ceska A Slovenska Neurologie A Neurochirurgie, 2019, 82/115, 453-455.	0.0	0
78	Oxidative stress in patients with newly diagnosed multiple sclerosis: any association with subclinical atherosclerosis?. Neuroendocrinology Letters, 2019, 40, 135-140.	0.2	0
79	Mood disorders in patients with hypersomnia: comparison of sleep-related breathing disorders versus narcolepsy. Neuroendocrinology Letters, 2021, 42, 395-402.	0.2	0