

Marek Sykora

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,056
citations

218381

26
h-index

276539

41
g-index

85
all docs

85
docs citations

85
times ranked

2748
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravenous thrombolysis in stroke with admission NIHSS score 0 or 1. <i>International Journal of Stroke</i> , 2022, 17, 109-119.	2.9	15
2	Thrombectomy in basilar artery occlusion. <i>International Journal of Stroke</i> , 2022, 17, 1006-1012.	2.9	6
3	Time trends in stroke severity in the years 2005 to 2020: results from the Austrian Stroke Unit Registry. <i>Journal of Neurology</i> , 2022, 269, 4396-4403.	1.8	5
4	Prehospital triage optimization of patients with large vessel occlusion by Austrian Prehospital Stroke Scale. <i>Acta Neurologica Scandinavica</i> , 2022, 146, 246-251.	1.0	3
5	Design and Derivation of the Austrian Prehospital Stroke Scale (APSS) to Predict Severe Stroke with Large Vessel Occlusion. <i>Prehospital Emergency Care</i> , 2021, 25, 1-9.	1.0	11
6	Sleep apnea prediction in acute ischemic stroke (SLAPS score): a derivation study. <i>Sleep Medicine</i> , 2021, 77, 23-28.	0.8	6
7	Autonomic Nervous System Activity during Refractory Rise in Intracranial Pressure. <i>Journal of Neurotrauma</i> , 2021, 38, 1662-1669.	1.7	6
8	Abstract 1: Thrombolytic Therapy for "Wake-Up Stroke"™ - A Systematic Review and Meta-Analysis. <i>Stroke</i> , 2021, 52, .	1.0	0
9	Thrombolytic therapy for wake-up stroke: A systematic review and meta-analysis. <i>European Journal of Neurology</i> , 2021, 28, 2006-2016.	1.7	12
10	Heart rate variability as a biomarker of functional outcomes in persons with acquired brain injury: Systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 737-754.	2.9	8
11	Acute Ischemic Stroke With Mild Symptoms" To Thrombolyse or Not to Thrombolyse?. <i>Frontiers in Neurology</i> , 2021, 12, 760813.	1.1	6
12	Relationship Between Baroreflex and Cerebral Autoregulation in Patients With Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2021, 12, 740338.	1.1	2
13	Pulse oximetric routine examination of sleep apnea in acute stroke (PRESS). <i>Sleep Medicine</i> , 2020, 73, 208-212.	0.8	6
14	Heart rate entropy is associated with mortality after intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117033.	0.3	8
15	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
16	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
17	RESPONSES OF CARDIAC CONNEXIN-43 AND EXTRACELLULAR MATRIX PROTEINS TO ALTERED THYROID STATUS DIFFER IN HYPERTENSIVE VERSUS NORMOTENSIVE RATS. <i>Journal of Hypertension</i> , 2019, 37, e173.	0.3	0
18	Temporal trends in intracerebral hemorrhage: Evidence from the Austrian Stroke Unit Registry. <i>PLoS ONE</i> , 2019, 14, e0225378.	1.1	3

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19	Intravenous thrombolysis in wake-up stroke: real-world data from the Austrian Stroke Unit Registry. <i>European Journal of Neurology</i> , 2019, 26, 754-759.	1.7	13
20	Modified DWI-FLAIR mismatch guided thrombolysis in unknown onset stroke. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 47, 167-173.	1.0	11
21	Changes in cardiac autonomic activity during intracranial pressure plateau waves in patients with traumatic brain injury. <i>Clinical Autonomic Research</i> , 2019, 29, 123-126.	1.4	9
22	Intravenous thrombolysis and mechanical thrombectomy in patients with minor or rapidly improving neurological deficits. <i>Current Opinion in Neurology</i> , 2019, 32, 13-18.	1.8	5
23	Beta-blocker therapy is not associated with mortality after intracerebral hemorrhage. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 105-108.	1.0	6
24	Effects of SSRI exposure on hemorrhagic complications and outcome following thrombolysis in ischemic stroke. <i>International Journal of Stroke</i> , 2018, 13, 511-517.	2.9	7
25	EFFECT OF HYPERTENSION AND THYROID STATUS ON THE EXTRACELLULAR MATRIX AND INTERCELLULAR COMMUNICATION IN THE HEART AND POSSIBILITIES OF PREVENTION WITH OMEGA-3 FATTY ACIDS DIET. <i>Journal of Hypertension</i> , 2018, 36, e153.	0.3	0
26	Heart rate variability is associated with outcome in spontaneous intracerebral hemorrhage. <i>Journal of Critical Care</i> , 2018, 48, 85-89.	1.0	26
27	Baroreflex Impairment After Subarachnoid Hemorrhage Is Associated With Unfavorable Outcome. <i>Stroke</i> , 2018, 49, 1632-1638.	1.0	12
28	CARDIOPROTECTIVE EFFECT OF THE RED PALM OIL SUPPLEMENTATION ON THE CARDIAC OXIDATIVE STRESS, NITRIC OXIDE SYNTHASE AND HEART FUNCTION IN THE RATS SUFFERING FROM HYPERTENSION. <i>Journal of Hypertension</i> , 2018, 36, e42.	0.3	1
29	Provenance of the Lunz Formation (Carnian) in the Western Carpathians, Slovakia: Heavy mineral study and in situ ⁴⁰ Ar/ ³⁹ K and ²⁰⁶ Pb/ ²³⁸ U detrital zircon dating. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 471, 233-253.	1.0	17
30	The Association Between Leukoaraiosis and Poor Outcome in Intracerebral Hemorrhage Is Not Mediated by Hematoma Growth. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1328-1333.	0.7	22
31	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
32	Climatic and Seasonal Circumstances of Hypertensive Intracerebral Hemorrhage in a Worldwide Cohort. <i>Stroke</i> , 2017, 48, 3384-3386.	1.0	19
33	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
34	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
35	Autonomic Impairment in Severe Traumatic Brain Injury: A Multimodal Neuromonitoring Study. <i>Critical Care Medicine</i> , 2016, 44, 1173-1181.	0.4	61
36	Critical Care of the Patient with Acute Stroke. , 2016, , 885-915.e9.		5

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37	Î²-Blockers, Pneumonia, and Outcome After Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1269-1274.	1.0	62
38	Rapid Induction of COOLing in Stroke Patients (iCOOL1): a randomised pilot study comparing cold infusions with nasopharyngeal cooling. <i>Critical Care</i> , 2014, 18, 582.	2.5	20
39	Safety Evaluation of Nasopharyngeal Cooling (RhinoChillÂ®) in Stroke Patients: An Observational Study. <i>Neurocritical Care</i> , 2014, 20, 98-105.	1.2	24
40	Cerebral Vasospasm and Delayed Cerebral Ischemia in Intraventricular Hemorrhage. <i>Neurocritical Care</i> , 2014, 20, 460-465.	1.2	12
41	Epidemiologic features, risk factors, and outcome of sepsis in stroke patients treated on a neurologic intensive care unit. <i>Journal of Critical Care</i> , 2014, 29, 241-248.	1.0	31
42	Association of intracranial pressure with outcome in comatose patients with intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2014, 342, 141-145.	0.3	32
43	Optimal cerebral perfusion pressure in patients with intracerebral hemorrhage: an observational case series. <i>Critical Care</i> , 2014, 18, R51.	2.5	37
44	Predictors of impaired endothelial function in obstructive sleep apnea syndrome. <i>Neuroendocrinology Letters</i> , 2014, 35, 142-8.	0.2	7
45	Poststroke Infections are an Independent Risk Factor for Poor Functional Outcome after Three-months in Thrombolysed Stroke Patients. <i>International Journal of Stroke</i> , 2013, 8, 639-644.	2.9	28
46	Cerebral Atrophy is an Independent Risk Factor for Unfavorable Outcome After Spontaneous Supratentorial Intracerebral Hemorrhage. <i>Stroke</i> , 2013, 44, 968-971.	1.0	19
47	Induction of Cooling With a Passive Head and Neck Cooling Device. <i>Stroke</i> , 2013, 44, 708-713.	1.0	33
48	Glycosylated Hemoglobin A1 Predicts Risk for Symptomatic Hemorrhage After Thrombolysis for Acute Stroke. <i>Stroke</i> , 2013, 44, 2134-2138.	1.0	41
49	Spot Signs in Intracerebral Hemorrhage: Useful for Identifying Patients at Risk for Hematoma Enlargement?. <i>Cerebrovascular Diseases</i> , 2013, 35, 582-589.	0.8	27
50	Baroreflex Sensitivity to Predict Malignant Middle Cerebral Artery Infarction. <i>Stroke</i> , 2012, 43, 714-719.	1.0	32
51	Impact of Statin Use and Lipid Profile on Symptomatic Intracerebral Haemorrhage, Outcome and Mortality after Intravenous Thrombolysis in Acute Stroke. <i>Cerebrovascular Diseases</i> , 2012, 33, 362-368.	0.8	38
52	Blood Pressure Variability after Intravenous Thrombolysis in Acute Stroke Does Not Predict Intracerebral Hemorrhage but Poor Outcome. <i>Cerebrovascular Diseases</i> , 2012, 33, 135-140.	0.8	40
53	Loss of Penumbra by Impaired Oxygen Supply Decreasing Hemoglobin Levels Predict Infarct Growth after Acute Ischemic Stroke. <i>Cerebrovascular Diseases Extra</i> , 2012, 2, 99-107.	0.5	20
54	Microalbuminuria. <i>Der Nervenarzt</i> , 2012, 83, 1357-1360.	5.0	7

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55	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
56	Autonomic Effects of Intraventricular Extension in Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2012, 16, 102-108.	1.2	24
57	Cerebral Oxygen Transport Failure?: Decreasing Hemoglobin and Hematocrit Levels After Ischemic Stroke Predict Poor Outcome and Mortality. <i>Stroke</i> , 2011, 42, 2832-2837.	1.0	78
58	Common disorders in the neurological emergency room - experience at a tertiary care hospital. <i>European Journal of Neurology</i> , 2011, 18, 430-435.	1.7	36
59	Low-frequency sampling for PRx calculation does not reduce prognostication and produces similar CPPopt in intracerebral haemorrhage patients. <i>Acta Neurochirurgica</i> , 2011, 153, 2189-2195.	0.9	35
60	Is the Maximum Dose of 90 mg Alteplase Sufficient for Patients With Ischemic Stroke Weighing >100 kg?. <i>Stroke</i> , 2011, 42, 1615-1620.	1.0	30
61	Autonomic Shift and Increased Susceptibility to Infections After Acute Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 1218-1223.	1.0	46
62	Frequency of Increased Blood Pressure Levels During Systemic Thrombolysis and Risk of Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 1702-1706.	1.0	22
63	Response to Letter by Tzeng et al. <i>Stroke</i> , 2010, 41, .	1.0	0
64	Microalbuminuria in Cerebrovascular Disease: A Modifiable Risk Factor?. <i>International Journal of Stroke</i> , 2010, 5, 30-34.	2.9	20
65	Intensive Care Management of Acute Stroke: Surgical Treatment. <i>International Journal of Stroke</i> , 2010, 5, 170-177.	2.9	12
66	Blood Pressure Course in Acute Stroke Relates to Baroreflex Dysfunction. <i>Cerebrovascular Diseases</i> , 2010, 30, 172-179.	0.8	23
67	EEG Power Spectrum to Predict Prognosis after Hemispherectomy for Space-Occupying Middle Cerebral Artery Infarction. <i>Cerebrovascular Diseases</i> , 2010, 29, 162-169.	0.8	18
68	Safety of Intravenous Thrombolysis for Acute Ischemic Stroke in Patients Receiving Antiplatelet Therapy at Stroke Onset. <i>Stroke</i> , 2010, 41, 288-294.	1.0	103
69	Autoregulation and brain metabolism in the perihematomal region of spontaneous intracerebral hemorrhage: An observational pilot study. <i>Journal of the Neurological Sciences</i> , 2010, 295, 16-22.	0.3	24
70	Low hemoglobin is associated with poor functional outcome after non-traumatic, supratentorial intracerebral hemorrhage. <i>Critical Care</i> , 2010, 14, R63.	2.5	64
71	C-Reactive-Protein Levels Associated with Infection Predict Short- and Long-Term Outcome after Supratentorial Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 2009, 27, 272-279.	0.8	37
72	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

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73	Impaired Cerebral Vasomotor Activity in Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2009, 40, 815-819.	1.0	79
74	Quantitative EEG Correlates of Low Cerebral Perfusion in Severe Stroke. <i>Neurocritical Care</i> , 2009, 11, 210-216.	1.2	53
75	Intensive Care Management of Acute Stroke: General Management. <i>International Journal of Stroke</i> , 2009, 4, 365-378.	2.9	19
76	Baroreflex: A New Therapeutic Target in Human Stroke?. <i>Stroke</i> , 2009, 40, e678-82.	1.0	97
77	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
78	PROGNOSTIC SIGNIFICANCE OF BLOOD PRESSURE VARIABILITY AFTER THROMBOLYSIS IN ACUTE STROKE. <i>Neurology</i> , 2009, 72, 1792-1793.	1.5	3
79	Intrapulmonary Right-Left Shunts in Guillain-Barré Syndrome with Severe Dysautonomia. <i>Neurocritical Care</i> , 2008, 9, 374-377.	1.2	2
80	Autonomic impairment in tetanus: Delayed baroreflex involvement. <i>Journal of the Neurological Sciences</i> , 2008, 270, 201-204.	0.3	5
81	Impaired baroreflex sensitivity predicts outcome of acute intracerebral hemorrhage. <i>Critical Care Medicine</i> , 2008, 36, 3074-3079.	0.4	101
82	Repetitive asystole in right insular haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1282-1283.	0.9	9
83	Carnianâ€œNorian biomagnetostratigraphy at SilickÃ¡ BrezovÃ¡ (Slovakia): correlation to other Tethyan sections and to the Newark Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 191, 65-109.	1.0	89