Miloš Ajčević

List of Publications by Year
in descending order

55 papers	731 citations	516561 16 h-index	610775 24 g-index
55 all docs	55 docs citations	55 times ranked	787 citing authors

#	Article	IF	Citations
1	Autonomic dysfunction in post-COVID patients with and witfhout neurological symptoms: a prospective multidomain observational study. Journal of Neurology, 2022, 269, 587-596.	1.8	96
2	Has COVID-19 played an unexpected "stroke" on the chain of survival?. Journal of the Neurological Sciences, 2020, 414, 116889.	0.3	63
3	Smart technology for physical activity and health assessment during COVID-19 lockdown. Journal of Sports Medicine and Physical Fitness, 2021, 61, 452-460.	0.4	43
4	Ischemic Volume and Neurological Deficit: Correlation of Computed Tomography Perfusion with the National Institutes of Health Stroke Scale Score in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2200-2207.	0.7	36
5	CT perfusion and EEG patterns in patients with acute isolated aphasia in seizure-related stroke mimics. Seizure: the Journal of the British Epilepsy Association, 2019, 71, 110-115.	0.9	32
6	Wake-up stroke and CT perfusion: effectiveness and safety of reperfusion therapy. Neurological Sciences, 2018, 39, 1705-1712.	0.9	28
7	Wake-up stroke: thrombolysis reduces ischemic lesion volume and neurological deficit. Journal of Neurology, 2020, 267, 666-673.	1.8	27
8	Early EEG Alterations Correlate with CTP Hypoperfused Volumes and Neurological Deficit: A Wireless EEG Study in Hyper-Acute Ischemic Stroke. Annals of Biomedical Engineering, 2021, 49, 2150-2158.	1.3	27
9	Effect of power feature covariance shift on BCI spatial-filtering techniques: A comparative study. Computer Methods and Programs in Biomedicine, 2021, 198, 105808.	2.6	24
10	Hyper-acute EEG alterations predict functional and morphological outcomes in thrombolysis-treated ischemic stroke: a wireless EEG study. Medical and Biological Engineering and Computing, 2021, 59, 121-129.	1.6	24
11	Return to school in the COVID-19 era: considerations for temperature measurement. Journal of Medical Engineering and Technology, 2020, 44, 468-471.	0.8	23
12	Neurophysiological adaptations to spaceflight and simulated microgravity. Clinical Neurophysiology, 2021, 132, 498-504.	0.7	23
13	A CT perfusion based model predicts outcome in wake-up stroke patients treated with recombinant tissue plasminogen activator. Physiological Measurement, 2020, 41, 075011.	1.2	20
14	Intravenous immunoglobulin response in new-onset refractory status epilepticus (NORSE) COVID-19 adult patients. Journal of Neurology, 2021, 268, 3569-3573.	1.8	20
15	Personalized support for chronic conditions. Applied Clinical Informatics, 2016, 07, 633-645.	0.8	19
16	Brain oscillatory activity and CT perfusion in hyper-acute ischemic stroke. Journal of Clinical Neuroscience, 2019, 69, 184-189.	0.8	18
17	A novel computed tomography perfusion-based quantitative tool for evaluation of perfusional abnormalities in migrainous aura stroke mimic. Neurological Sciences, 2020, 41, 3321-3328.	0.9	15
18	Connected Speech Deficit as an Early Hallmark of CSF-defined Alzheimer's Disease and Correlation with Cerebral Hypoperfusion Pattern. Current Alzheimer Research, 2019, 16, 483-494.	0.7	14

#	Article	IF	Citations
19	ASL MRI and 18F-FDG-PET in autoimmune limbic encephalitis: clues from two paradigmatic cases. Neurological Sciences, 2021, 42, 3423-3425.	0.9	12
20	Thrombolysis safety and effectiveness in acute ischemic stroke patients with pre-morbid disability. Journal of Clinical Neuroscience, 2020, 72, 180-184.	0.8	11
21	e-Health vs COVID-19: home patient telemonitoring to maintain TIA continuum of care. Neurological Sciences, 2020, 41, 2023-2024.	0.9	11
22	Multimodal CT pc-ASPECTS in infratentorial stroke: diagnostic and prognostic value. Neurological Sciences, 2021, 42, 4231-4240.	0.9	11
23	A Novel Non-Invasive Thermometer for Continuous Core Body Temperature: Comparison with Tympanic Temperature in an Acute Stroke Clinical Setting. Sensors, 2022, 22, 4760.	2.1	11
24	Prevalence of hypohydration and its association with stroke severity and independence outcomes in acute ischemic stroke patients. Journal of Clinical Neuroscience, 2020, 72, 281-286.	0.8	10
25	Peripheral nerve adaptations to 10 days of horizontal bed rest in healthy young adult males. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R495-R503.	0.9	10
26	e-Health solution for home patient telemonitoring in early post-acute TIA/Minor stroke during COVID-19 pandemic. International Journal of Medical Informatics, 2021, 152, 104442.	1.6	9
27	Novel quantitative approach for crossed cerebellar diaschisis detection in acute ischemic stroke using CT perfusion. Journal of the Neurological Sciences, 2020, 416, 117008.	0.3	7
28	Safety of Early Repeated Thrombolysis. Neurologist, 2019, 24, 143-145.	0.4	6
29	Carbohydrate Requirement for Exercise in Type 1 Diabetes: Effects of Insulin Concentration. Journal of Diabetes Science and Technology, 2020, 14, 1116-1121.	1.3	6
30	Efficacy of rituximab on seizure control and cognitive symptoms in leucine‐rich, glioma‐inactivated 1 (LGI1) limbic encephalitis: a high‐density electroencephalography case study. Epileptic Disorders, 2020, 22, 678-682.	0.7	6
31	Comprehensive telemedicine solution for remote monitoring of Parkinson's disease patients with orthostatic hypotension during COVID-19 pandemic. Neurological Sciences, 2022, 43, 3479-3487.	0.9	6
32	Brain oscillatory patterns in mild cognitive impairment due to Alzheimer's and Parkinson's disease: An exploratory high-density EEG study. Clinical Neurophysiology, 2022, 138, 1-8.	0.7	6
33	FLOW-i ventilator performance in the presence of a circle system leak. Journal of Clinical Monitoring and Computing, 2017, 31, 273-280.	0.7	5
34	Cerebral hemodynamic changes during motor imagery and passive robot-assisted movement of the lower limbs. Journal of the Neurological Sciences, 2019, 405, 116427.	0.3	5
35	Heat risk exacerbation potential for neurology patients during the COVID-19 pandemic and related isolation. International Journal of Biometeorology, 2021, 65, 627-630.	1.3	5
36	A physiological perspective of the associations between hydration status and CTP neuroimaging parameters in hyper‐acute ischaemic stroke patients. Clinical Physiology and Functional Imaging, 2021, 41, 235-244.	0.5	5

#	Article	IF	Citations
37	Brain Oscillatory Activity and Neurological Deficit in Hyper-acute Ischemic Stroke: Correlation of EEG Changes with NIHSS. IFMBE Proceedings, 2020, , 133-141.	0.2	5
38	Influence of smoking and other cardiovascular risk factors on heart rate circadian rhythm in normotensive and hypertensive subjects. PLoS ONE, 2021, 16, e0257660.	1.1	4
39	Detection of subjects with ischemic heart disease by using machine learning technique based on heart rate total variability parameters. Physiological Measurement, 2020, 41, 115008.	1.2	4
40	Modeling of Carbohydrates Oxidation Rate During Exercise in Type 1 Highly-Trained Diabetic Patients. IFMBE Proceedings, 2020, , 559-566.	0.2	3
41	EEG as a marker of brain plasticity in clinical applications. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 91-104.	1.0	3
42	Toward a diagnostic CART model for Ischemic heart disease and idiopathic dilated cardiomyopathy based on heart rate total variability. Medical and Biological Engineering and Computing, 2022, 60, 2655-2663.	1.6	3
43	Estimation of the difference between peak airway and tracheal pressures during HFPV. , 2015, , .		2
44	Personalized Approach for the Management of Exercise-Related Glycemic Imbalances in Type 1 Diabetes: Comparison with Reference Method. Journal of Diabetes Science and Technology, 2020, 15, 193229682094537.	1.3	2
45	Wireless EEG in hyper-acute ischemic stroke: correlation between neurophysiological alterations and CTP total hypoperfused volume. Procedia Computer Science, 2020, 176, 2923-2929.	1.2	2
46	CT perfusion in hyper-acute ischemic stroke: the acid test for COVID-19 fear. Neuroradiology, 2021, 63, 1419-1427.	1.1	2
47	EEG changes and motor deficits in Parkinson's disease patients: Correlation of motor scales and EEG power bands. Procedia Computer Science, 2021, 192, 2616-2623.	1.2	2
48	A Mobile App for the Self-management of Type 1 Diabetes as Tool for Preventing of Exercise-Associated Glycemic Imbalances. IFMBE Proceedings, 2019, , 475-479.	0.2	2
49	CT Perfusion and EEG Patterns in Contrast-Induced Encephalopathy Stroke Mimic. Canadian Journal of Neurological Sciences, 2022, 49, 140-143.	0.3	1
50	Ambulatory blood pressure monitoring versus office blood pressure measurement: Are there sex differences?. Procedia Computer Science, 2021, 192, 2912-2918.	1.2	1
51	Wake-up Stroke Outcome Prediction by Interpretable Decision Tree Model. Studies in Health Technology and Informatics, 2022, , .	0.2	1
52	On some factors determining the pressure drop across tracheal tubes during high-frequency percussive ventilation: a flow-independent model. Journal of Clinical Monitoring and Computing, 2021, 35, 885-890.	0.7	0
53	Ischemic lesion volume prediction in thrombolysis treated wake-up stroke patients. Procedia Computer Science, 2021, 192, 2919-2925.	1.2	0
54	Modeling of glycogen resynthesis according to insulin concentration: towards a system for prevention of late-onset exercise-induced hypoglycemia in Type 1 diabetes patients. Procedia Computer Science, 2021, 192, 2903-2911.	1.2	0

#	Article	IF	Citations
55	A Big-Data Variational Bayesian Framework for Supporting the Prediction of Functional Outcomes in Wake-Up Stroke Patients. Lecture Notes in Computer Science, 2020, , 992-1002.	1.0	0