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	CT Perfusion and EEG Patterns in Contrast-Induced Encephalopathy Stroke Mimic. Canadian Journal of Neurological Sciences, 2022, 49, 140-143.	0.3	1
2	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
3	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
4	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
5	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
6	Wake-up Stroke Outcome Prediction by Interpretable Decision Tree Model. Studies in Health Technology and Informatics, 2022, , .	0.2	1
7	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
8	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
9	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
10	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
11	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
12	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
13	CT perfusion in hyper-acute ischemic stroke: the acid test for COVID-19 fear. Neuroradiology, 2021, 63, 1419-1427.	1.1	2
14	Multimodal CT pc-ASPECTS in infratentorial stroke: diagnostic and prognostic value. Neurological Sciences, 2021, 42, 4231-4240.	0.9	11
15	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
16	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
17	Neurophysiological adaptations to spaceflight and simulated microgravity. Clinical Neurophysiology, 2021, 132, 498-504.	0.7	23
18	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

#	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	Intravenous immunoglobulin response in new-onset refractory status epilepticus (NORSE) COVID-19 adult patients. Journal of Neurology, 2021, 268, 3569-3573.	1.8	20
21	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
22	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
23	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
24	Ischemic lesion volume prediction in thrombolysis treated wake-up stroke patients. Procedia Computer Science, 2021, 192, 2919-2925.	1.2	0
25	Ambulatory blood pressure monitoring versus office blood pressure measurement: Are there sex differences?. Procedia Computer Science, 2021, 192, 2912-2918.	1.2	1
26	EEG changes and motor deficits in Parkinsonâ€™s disease patients: Correlation of motor scales and EEG power bands. Procedia Computer Science, 2021, 192, 2616-2623.	1.2	2
27	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
28	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
29	Wake-up stroke: thrombolysis reduces ischemic lesion volume and neurological deficit. Journal of Neurology, 2020, 267, 666-673.	1.8	27
30	Thrombolysis safety and effectiveness in acute ischemic stroke patients with pre-morbid disability. Journal of Clinical Neuroscience, 2020, 72, 180-184.	0.8	11
31	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
32	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
33	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
34	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
35	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
36	Has COVID-19 played an unexpected â€œstrokeâ€•on the chain of survival?. Journal of the Neurological Sciences, 2020, 414, 116889.	0.3	63

#	Article	IF	Citations
37	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
38	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
39	e-Health vs COVID-19: home patient telemonitoring to maintain TIA continuum of care. Neurological Sciences, 2020, 41, 2023-2024.	0.9	11
40	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
41	Modeling of Carbohydrates Oxidation Rate During Exercise in Type 1 Highly-Trained Diabetic Patients. IFMBE Proceedings, 2020, , 559-566.	0.2	3
42	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
43	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
44	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
45	Brain oscillatory activity and CT perfusion in hyper-acute ischemic stroke. Journal of Clinical Neuroscience, 2019, 69, 184-189.	0.8	18
46	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
47	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
48	Safety of Early Repeated Thrombolysis. Neurologist, 2019, 24, 143-145.	0.4	6
49	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
50	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
51	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
52	Wake-up stroke and CT perfusion: effectiveness and safety of reperfusion therapy. Neurological Sciences, 2018, 39, 1705-1712.	0.9	28
53	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
54	Personalized support for chronic conditions. Applied Clinical Informatics, 2016, 07, 633-645.	0.8	19

#	Aʀᴛɪᴄʟᴇ	IF	Cɪᴛᴀᴛɪᴏɴs
55	Estimation of the difference between peak airway and tracheal pressures during HFPV. , 2015, , .		2