Elena Najdenovska

List of Publications by Year
in descending order

21	418	759233 12	794594 19
papers	citations	h-index	g-index

21	21	21	608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compressed sensing with signal averaging for improved sensitivity and motion artifact reduction in fluorineâ€19 MRI. NMR in Biomedicine, 2021, 34, e4418.	2.8	8
2	Classification of Plant Electrophysiology Signals for Detection of Spider Mites Infestation in Tomatoes. Applied Sciences (Switzerland), 2021, 11, 1414.	2.5	17
3	Identifying General Stress in Commercial Tomatoes Based on Machine Learning Applied to Plant Electrophysiology. Applied Sciences (Switzerland), 2021, 11, 5640.	2.5	6
4	Partialâ€volume modeling reveals reduced gray matter in specific thalamic nuclei early in the time course of psychosis and chronic schizophrenia. Human Brain Mapping, 2020, 41, 4041-4061.	3.6	18
5	Improved susceptibilityâ€weighted imaging for high contrast and resolution thalamic nuclei mapping at 7T. Magnetic Resonance in Medicine, 2020, 84, 1218-1234.	3.0	14
6	Normalization of aberrant pretherapeutic dynamic functional connectivity of extrastriate visual system in patients who underwent thalamotomy with stereotactic radiosurgery for essential tremor: a resting-state functional MRI study. Journal of Neurosurgery, 2020, 132, 1792-1801.	1.6	19
7	Thalamotomy for tremor normalizes aberrant pre-therapeutic visual cortex functional connectivity. Brain, 2019, 142, e57-e57.	7.6	4
8	Comparison of MRI-based automated segmentation methods and functional neurosurgery targeting with direct visualization of the Ventro-intermediate thalamic nucleus at 7T. Scientific Reports, 2019, 9, 1119.	3.3	21
9	Electrophysiological assessment of plant status outside a Faraday cage using supervised machine learning. Scientific Reports, 2019, 9, 17073.	3.3	33
10	Letter: Deep Brain Stimulation of the Pedunculopontine Nucleus Area in Parkinson Disease: Magnetic Resonance Imaging-Based Anatomoclinical Correlations and Optimal Target. Neurosurgery, 2019, 84, E103-E105.	1.1	1
11	Letter to the Editor. Resting-state functional MRI for functional neurosurgery: seeing the light?. Journal of Neurosurgery, 2019, 131, 1339-1340.	1.6	0
12	Ventrolateral Motor Thalamus Abnormal Connectivity in Essential Tremor Before and After Thalamotomy: A Resting-State Functional Magnetic Resonance Imaging Study. World Neurosurgery, 2018, 113, e453-e464.	1.3	23
13	Pretherapeutic Functional Imaging Allows Prediction of Head Tremor Arrest After Thalamotomy for Essential Tremor: The Role of Altered Interconnectivity Between Thalamolimbic and Supplementary Motor Circuits. World Neurosurgery, 2018, 112, e479-e488.	1.3	7
14	Clinical response to Vimâ€™s thalamic stereotactic radiosurgery for essential tremor is associated with distinctive functional connectivity patterns. Acta Neurochirurgica, 2018, 160, 611-624.	1.7	40
15	Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. Brain, 2018, 141, e47-e47.	7.6	14
16	Pretherapeutic Motor Thalamus Resting-State Functional Connectivity with Visual Areas Predicts Tremor Arrest After Thalamotomy for Essential Tremor: Tracing the Cerebello-thalamo-visuo-motor Network. World Neurosurgery, 2018, 117, e438-e449.	1.3	11
17	In-vivo probabilistic atlas of human thalamic nuclei based on diffusion- weighted magnetic resonance imaging. Scientific Data, 2018, 5, 180270.	5.3	67
18	Robust thalamic nuclei segmentation method based on local diffusion magnetic resonance properties. Brain Structure and Function, 2017, 222, 2203-2216.	2.3	58

#	Article	IF	Citations
19	Towards an Automated Segmentation of the Ventro-Intermediate Thalamic Nucleus. Lecture Notes in Computer Science, 2017, , 141-150.	1.3	0
20	Assessing the clinical outcome of Vim radiosurgery with voxel-based morphometry: visual areas are linked with tremor arrest!. Acta Neurochirurgica, 2017, 159, 2139-2144.	1.7	40
21	Deep brain stimulation after previous gamma knife thalamotomy of the Vim for essential tremor is feasible! Clinical, electrophysiological and radiological findings. Acta Neurochirurgica, 2017, 159, 1371-1373.	1.7	17