

Demitre Serletis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6241951/publications.pdf>

Version: 2024-02-01

31
papers

1,207
citations

759233

12
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective study of awake craniotomy used routinely and nonselectively for supratentorial tumors. <i>Journal of Neurosurgery</i> , 2007, 107, 1-6.	1.6	376
2	The 128-Channel Fully Differential Digital Integrated Neural Recording and Stimulation Interface. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2010, 4, 149-161.	4.0	240
3	256-Channel Neural Recording and Delta Compression Microsystem With 3D Electrodes. <i>IEEE Journal of Solid-State Circuits</i> , 2009, 44, 995-1005.	5.4	160
4	The stereotactic approach for mapping epileptic networks: a prospective study of 200 patients. <i>Journal of Neurosurgery</i> , 2014, 121, 1239-1246.	1.6	157
5	Robotic Stereotaxy in Cranial Neurosurgery: A Qualitative Systematic Review. <i>Neurosurgery</i> , 2018, 83, 642-650.	1.1	59
6	Effect of noise on estimation of Lyapunov exponents from a time series. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 883-887.	5.1	28
7	NONLINEAR AND COMPLEX DYNAMICS IN ECONOMICS. <i>Macroeconomic Dynamics</i> , 2015, 19, 1749-1779.	0.7	26
8	Effect of noise on the bifurcation behavior of nonlinear dynamical systems. <i>Chaos, Solitons and Fractals</i> , 2007, 33, 914-921.	5.1	20
9	Complexity and multifractality of neuronal noise in mouse and human hippocampal epileptiform dynamics. <i>Journal of Neural Engineering</i> , 2012, 9, 056008.	3.5	18
10	PHASE SYNCHRONIZATION OF NEURONAL NOISE IN MOUSE HIPPOCAMPAL EPILEPTIFORM DYNAMICS. <i>International Journal of Neural Systems</i> , 2013, 23, 1250033.	5.2	18
11	System characterization of neuronal excitability in the hippocampus and its relevance to observed dynamics of spontaneous seizure-like transitions. <i>Journal of Neural Engineering</i> , 2010, 7, 036002.	3.5	17
12	Complexity in Neuronal Noise Depends on Network Interconnectivity. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1768-1778.	2.5	16
13	Effect of noise on fractal structure. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 921-924.	5.1	14
14	Tailored Unilobar and Multilobar Resections for Orbitofrontal-Plus Epilepsy. <i>Neurosurgery</i> , 2014, 75, 388-397.	1.1	11
15	Early craniometric tools as a predecessor to neurosurgical stereotaxis. <i>Journal of Neurosurgery</i> , 2016, 124, 1867-1874.	1.6	11
16	Breakthrough spikes in rapid eye movement sleep from the epilepsy monitoring unit are associated with peak seizure frequency. <i>Sleep</i> , 2020, 43, .	1.1	9
17	Survey of epilepsy and seizure awareness in Manitoba: An evaluation. <i>Epilepsy and Behavior</i> , 2019, 92, 195-199.	1.7	6
18	Markers of pathological excitability derived from principal dynamic modes of hippocampal neurons. <i>Journal of Neural Engineering</i> , 2012, 9, 056004.	3.5	5

#	ARTICLE	IF	CITATIONS
19	VLSI multivariate phase synchronization epileptic seizure detector. , 2011, , .		3
20	Prostate carcinoma mimicking a sphenoid wing meningioma. International Journal of Surgery Case Reports, 2015, 15, 63-65.	0.6	3
21	Fungal osteomyelitis with vertebral re-ossification. International Journal of Surgery Case Reports, 2016, 19, 1-3.	0.6	3
22	Surgical Management of Epilepsy in Adolescent Patients. Journal of Pediatric Epilepsy, 2015, 04, 102-108.	0.2	2
23	Management and Return to Play Considerations in an Elite Hockey Player with Temporal Lobe Epilepsy. Current Sports Medicine Reports, 2018, 17, 10-12.	1.2	1
24	Radiosurgery for mesial temporal lobe epilepsy following ROSE trial guidelines â€” A planning comparison between Gamma Knife, Eclipse, and Brainlab. Journal of Applied Clinical Medical Physics, 2019, 20, 134-141.	1.9	1
25	Acute Myeloid Leukemia Presenting as a Posterior Fossa Tumor. Journal of Pediatric Hematology/Oncology, 2021, Publish Ahead of Print, 277-278.	0.6	1
26	Management of Inoperable Supra-Sellar Low-Grade Glioma With BRAF Mutation in Young Children. Cureus, 2021, 13, e19400.	0.5	1
27	Hemispherectomy for hemimegalencephaly in a 6.5-week-old infant with tuberous sclerosis complex. Child's Nervous System, 2022, , 1.	1.1	1
28	Capturing the state transitions of seizure-like events using Hidden Markov models. , 2011, 2011, 2061-4.		0
29	Invasive Electroencephalography in Epilepsy. , 2019, , 107-114.		0
30	NCMP-17. BEWARE: ALL POSTERIOR FOSSA MASSES IN CHILDREN ARE NOT BRAIN TUMORS. Neuro-Oncology, 2021, 23, vi150-vi150.	1.2	0
31	Development of a Pediatric Epilepsy Program: Analysis of Early Multidimensional Outcomes. Journal of Pediatric Epilepsy, 0, , .	0.2	0