

Zoltan Nadasdy

List of Publications by Year in descending order

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36
papers

7,814
citations

304368

22
h-index

433756

31
g-index

39
all docs

39
docs citations

39
times ranked

7073
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase coding of spatial representations in the human entorhinal cortex. <i>Science Advances</i> , 2022, 8, eabm6081.	4.7	4
2	Driving stroke quality improvement at scale in EDs across a nationwide network of hospitals: strategies and interventions. <i>Emergency Medicine Journal</i> , 2019, 36, emermed-2018-208257.	0.4	0
3	Response by Shpak et al to Letter Regarding Article, "Higher Incidence of Ischemic Stroke in Patients Taking Novel Oral Anticoagulants". <i>Stroke</i> , 2019, 50, e156-e157.	1.0	0
4	Higher Incidence of Ischemic Stroke in Patients Taking Novel Oral Anticoagulants. <i>Stroke</i> , 2018, 49, 2851-2856.	1.0	23
5	Context-dependent spatially periodic activity in the human entorhinal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3516-E3525.	3.3	49
6	<i>In vivo</i> measurements of limbic glutamate and GABA concentrations in epileptic patients during affective and cognitive tasks: A microdialysis study. <i>Hippocampus</i> , 2016, 26, 683-689.	0.9	5
7	Organization of the Basal Forebrain Cholinergic Projection System. , 2015, , 491-507.		34
8	Glutamate and GABA concentration changes in the globus pallidus internus of Parkinson's patients during performance of implicit and declarative memory tasks: A report of two subjects. <i>Neuroscience Letters</i> , 2015, 589, 73-78.	1.0	23
9	Neurons in the Basal Forebrain Project to the Cortex in a Complex Topographic Organization that Reflects Corticocortical Connectivity Patterns: An Experimental Study Based on Retrograde Tracing and 3D Reconstruction. <i>Cerebral Cortex</i> , 2015, 25, 118-137.	1.6	244
10	Information Encoding and Reconstruction by Phase Coding of Spikes. <i>Springer Series in Computational Neuroscience</i> , 2015, , 269-298.	0.3	0
11	Changes in GABA and glutamate concentrations during memory tasks in patients with Parkinson's disease undergoing DBS surgery. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 81.	1.0	23
12	Reference frames in virtual spatial navigation are viewpoint dependent. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 646.	1.0	22
13	Motor cortex stimulation for neuropathic pain syndromes. <i>NeuroReport</i> , 2014, 25, 715-717.	0.6	21
14	Ultra-slow oscillations in cortical networks in vitro. <i>Neuroscience</i> , 2012, 206, 17-24.	1.1	17
15	Clustering of large cell populations: Method and application to the basal forebrain cholinergic system. <i>Journal of Neuroscience Methods</i> , 2010, 194, 46-55.	1.3	9
16	Binding by asynchrony: the neuronal phase code. <i>Frontiers in Neuroscience</i> , 2010, 4, .	1.4	42
17	Information encoding and reconstruction from the phase of action potentials. <i>Frontiers in Systems Neuroscience</i> , 2009, 3, 6.	1.2	69
18	Persistent dynamic attractors in activity patterns of cultured neuronal networks. <i>Physical Review E</i> , 2006, 73, 051907.	0.8	98

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19	Temporally Precise Cortical Firing Patterns Are Associated With Distinct Action Segments. <i>Journal of Neurophysiology</i> , 2006, 96, 2645-2652.	0.9	74
20	Neurons of the cerebral cortex exhibit precise interspike timing in correspondence to behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18655-18657.	3.3	57
21	Three-dimensional chemoarchitecture of the basal forebrain: Spatially specific association of cholinergic and calcium binding protein-containing neurons. <i>Neuroscience</i> , 2005, 136, 697-713.	1.1	78
22	Neuronal Activity in Motor Cortical Areas Reflects the Sequential Context of Movement. <i>Journal of Neurophysiology</i> , 2004, 91, 1748-1762.	0.9	31
23	Intersection of Microwire Electrodes With Proximal CA1 Stratum-Pyramidale Neurons at Insertion for Multiunit Recordings Predicted by a 3-D Computer Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 2211-2216.	2.5	13
24	Unsupervised Spike Detection and Sorting with Wavelets and Superparamagnetic Clustering. <i>Neural Computation</i> , 2004, 16, 1661-1687.	1.3	1,883
25	Dynamical Organization of Directional Tuning in the Primate Premotor and Primary Motor Cortex. <i>Journal of Neurophysiology</i> , 2003, 89, 1136-1142.	0.9	35
26	Visualization of density relations in large-scale neural networks. <i>Anatomy and Embryology</i> , 2001, 204, 303-317.	1.5	14
27	Spike sequences and their consequences. <i>Journal of Physiology (Paris)</i> , 2000, 94, 505-524.	2.1	26
28	Replay and Time Compression of Recurring Spike Sequences in the Hippocampus. <i>Journal of Neuroscience</i> , 1999, 19, 9497-9507.	1.7	751
29	The Basal Forebrain Corticopetal System Revisited. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 339-367.	1.8	213
30	Pattern and inhibition-dependent invasion of pyramidal cell dendrites by fast spikes in the hippocampus in vivo.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9921-9925.	3.3	220
31	Gamma (40-100 Hz) oscillation in the hippocampus of the behaving rat. <i>Journal of Neuroscience</i> , 1995, 15, 47-60.	1.7	1,384
32	Possible physiological role of the perforant path-CA1 projection. <i>Hippocampus</i> , 1995, 5, 141-146.	0.9	40
33	Dentate EEG spikes and associated interneuronal population bursts in the hippocampal hilar region of the rat. <i>Journal of Neurophysiology</i> , 1995, 73, 1691-1705.	0.9	204
34	Sharp wave-associated high-frequency oscillation (200 Hz) in the intact hippocampus: network and intracellular mechanisms. <i>Journal of Neuroscience</i> , 1995, 15, 30-46.	1.7	966
35	Taking the intentional stance at 12 months of age. <i>Cognition</i> , 1995, 56, 165-193.	1.1	1,130
36	Computational Anatomical Analysis of the Basal Forebrain Corticopetal System. , 0, , 171-198.		11