Zoltan Nadasdy

List of Publications by Year
in descending order

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36 papers	7,814 citations	304743 22 h-index	434195 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. Science Advances, 2022, 8, eabm6081.	10.3	4
2	Driving stroke quality improvement at scale in EDs across a nationwide network of hospitals: strategies and interventions. Emergency Medicine Journal, 2019, 36, emermed-2018-208257.	1.0	0
3	Response by Shpak et al to Letter Regarding Article, â€œHigher Incidence of Ischemic Stroke in Patients Taking Novel Oral Anticoagulantsâ€• Stroke, 2019, 50, e156-e157.	2.0	0
4	Higher Incidence of Ischemic Stroke in Patients Taking Novel Oral Anticoagulants. Stroke, 2018, 49, 2851-2856.	2.0	23
5	Context-dependent spatially periodic activity in the human entorhinal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3516-E3525.	7.1	49
6	In vivo measurements of limbic glutamate and <scp>GABA</scp> concentrations in epileptic patients during affective and cognitive tasks: A microdialysis study. Hippocampus, 2016, 26, 683-689.	1.9	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 Parkinsonâ€™s patients during performance of implicit and declarative memory tasks: A report of two subjects. Neuroscience Letters, 2015, 589, 73-78.	2.1	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. Cerebral Cortex, 2015, 25, 118-137.	2.9	244
10	Information Encoding and Reconstruction by Phase Coding of Spikes. Springer Series in Computational Neuroscience, 2015, , 269-298.	0.3	0
11	Changes in GABA and glutamate concentrations during memory tasks in patients with ParkinsonÃ¢â‚¬â„¢s disease undergoing DBS surgery. Frontiers in Human Neuroscience, 2014, 8, 81.	2.0	23
12	Reference frames in virtual spatial navigation are viewpoint dependent. Frontiers in Human Neuroscience, 2014, 8, 646.	2.0	22
13	Motor cortex stimulation for neuropathic pain syndromes. NeuroReport, 2014, 25, 715-717.	1.2	21
14	Ultra-slow oscillations in cortical networks in vitro. Neuroscience, 2012, 206, 17-24.	2.3	17
15	Clustering of large cell populations: Method and application to the basal forebrain cholinergic system. Journal of Neuroscience Methods, 2010, 194, 46-55.	2.5	9
16	Binding by asynchrony: the neuronal phase code. Frontiers in Neuroscience, 2010, 4, .	2.8	42
17	Information encoding and reconstruction from the phase of action potentials. Frontiers in Systems Neuroscience, 2009, 3, 6.	2.5	69
18	Persistent dynamic attractors in activity patterns of cultured neuronal networks. Physical Review E, 2006, 73, 051907.	2.1	98

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19	Temporally Precise Cortical Firing Patterns Are Associated With Distinct Action Segments. Journal of Neurophysiology, 2006, 96, 2645-2652.	1.8	74
20	Neurons of the cerebral cortex exhibit precise interspike timing in correspondence to behavior. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18655-18657.	7.1	57
21	Three-dimensional chemoarchitecture of the basal forebrain: Spatially specific association of cholinergic and calcium binding protein-containing neurons. Neuroscience, 2005, 136, 697-713.	2.3	78
22	Neuronal Activity in Motor Cortical Areas Reflects the Sequential Context of Movement. Journal of Neurophysiology, 2004, 91, 1748-1762.	1.8	31
23	Intersection of Microwire Electrodes With Proximal CA1 Stratum-Pyramidale Neurons at Insertion for Multiunit Recordings Predicted by a 3-D Computer Model. IEEE Transactions on Biomedical Engineering, 2004, 51, 2211-2216.	4.2	13
24	Unsupervised Spike Detection and Sorting with Wavelets and Superparamagnetic Clustering. Neural Computation, 2004, 16, 1661-1687.	2.2	1,883
25	Dynamical Organization of Directional Tuning in the Primate Premotor and Primary Motor Cortex. Journal of Neurophysiology, 2003, 89, 1136-1142.	1.8	35
26	Visualization of density relations in large-scale neural networks. Anatomy and Embryology, 2001, 204, 303-317.	1.5	14
27	Spike sequences and their consequences. Journal of Physiology (Paris), 2000, 94, 505-524.	2.1	26
28	Replay and Time Compression of Recurring Spike Sequences in the Hippocampus. Journal of Neuroscience, 1999, 19, 9497-9507.	3.6	751
29	The Basal Forebrain Corticopetal System Revisited. Annals of the New York Academy of Sciences, 1999, 877, 339-367.	3.8	213
30	Pattern and inhibition-dependent invasion of pyramidal cell dendrites by fast spikes in the hippocampus in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9921-9925.	7.1	220
31	Gamma (40-100 Hz) oscillation in the hippocampus of the behaving rat. Journal of Neuroscience, 1995, 15, 47-60.	3.6	1,384
32	Possible physiological role of the perforant path-CA1 projection. Hippocampus, 1995, 5, 141-146.	1.9	40
33	Dentate EEG spikes and associated interneuronal population bursts in the hippocampal hilar region of the rat. Journal of Neurophysiology, 1995, 73, 1691-1705.	1.8	204
34	Sharp wave-associated high-frequency oscillation (200 Hz) in the intact hippocampus: network and intracellular mechanisms. Journal of Neuroscience, 1995, 15, 30-46.	3.6	966
35	Taking the intentional stance at 12 months of age. Cognition, 1995, 56, 165-193.	2.2	1,130
36	Computational Anatomical Analysis of the Basal Forebrain Corticopetal System. , 0, , 171-198.		11