

Tengis Gloveli

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,320
citations

257450

24
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

2596
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered excitatory-inhibitory balance in the NMDA-hypofunction model of schizophrenia. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 6.	2.9	249
2	Differential involvement of oriens/pyramidale interneurons in hippocampal network oscillations in vitro. <i>Journal of Physiology</i> , 2005, 562, 131-147.	2.9	220
3	Orthogonal arrangement of rhythm-generating microcircuits in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13295-13300.	7.1	215
4	On the formation of gamma-coherent cell assemblies by oriens lacunosum-moleculare interneurons in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13490-13495.	7.1	178
5	Fast Rhythmic Bursting Can Be Induced in Layer 2/3 Cortical Neurons by Enhancing Persistent Na ⁺ Conductance or by Blocking BK Channels. <i>Journal of Neurophysiology</i> , 2003, 89, 909-921.	1.8	158
6	Impaired hippocampal rhythmogenesis in a mouse model of mesial temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17530-17535.	7.1	111
7	Glycinergic tonic inhibition of hippocampal neurons with depolarizing GABAergic transmission elicits histopathological signs of temporal lobe epilepsy. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2848-2866.	3.6	105
8	Segregation of Axonal and Somatic Activity During Fast Network Oscillations. <i>Science</i> , 2012, 336, 1458-1461.	12.6	104
9	Changes in neural network homeostasis trigger neuropsychiatric symptoms. <i>Journal of Clinical Investigation</i> , 2014, 124, 696-711.	8.2	81
10	Proper synaptic vesicle formation and neuronal network activity critically rely on syndapin I. <i>EMBO Journal</i> , 2011, 30, 4955-4969.	7.8	74
11	Dopamine Depresses Excitatory Synaptic Transmission Onto Rat Subicular Neurons Via Presynaptic D1-Like Dopamine Receptors. <i>Journal of Neurophysiology</i> , 2000, 84, 112-119.	1.8	69
12	Laminar difference in GABA uptake and GAT-1 expression in rat CA1. <i>Journal of Physiology</i> , 1998, 512, 643-649.	2.9	67
13	Frequency-Dependent Information Flow From the Entorhinal Cortex to the Hippocampus. <i>Journal of Neurophysiology</i> , 1997, 78, 3444-3449.	1.8	65
14	Properties of entorhinal cortex deep layer neurons projecting to the rat dentate gyrus. <i>European Journal of Neuroscience</i> , 2001, 13, 413-420.	2.6	55
15	Carbachol-induced changes in excitability and [Ca ²⁺] _i signalling in projection cells of medial entorhinal cortex layers II and III. <i>European Journal of Neuroscience</i> , 1999, 11, 3626-3636.	2.6	54
16	Fast Network Oscillations in the Rat Dentate Gyrus In Vitro. <i>Journal of Neurophysiology</i> , 2002, 87, 1165-1168.	1.8	53
17	Serotonin reduces synaptic excitation in the superficial medial entorhinal cortex of the rat via a presynaptic mechanism. <i>Journal of Physiology</i> , 1998, 508, 119-129.	2.9	51
18	GABA _B autoreceptor-mediated cell type-specific reduction of inhibition in epileptic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15073-15078.	7.1	44

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19	Interaction between superficial layers of the entorhinal cortex and the hippocampus in normal and epileptic temporal lobe. <i>Epilepsy Research</i> , 1998, 32, 183-193.	1.6	38
20	Cell-specific synaptic plasticity induced by network oscillations. <i>ELife</i> , 2016, 5, .	6.0	35
21	Serotonin reduces synaptic excitation of principal cells in the superficial layers of rat hippocampal-entorhinal cortex combined slices. <i>Neuroscience Letters</i> , 1995, 190, 37-40.	2.1	31
22	Comparison of the effects of serotonin in the hippocampus and the entorhinal cortex. <i>Molecular Neurobiology</i> , 1998, 17, 59-72.	4.0	31
23	Cell-Type-Specific Modulation of Feedback Inhibition by Serotonin in the Hippocampus. <i>Journal of Neuroscience</i> , 2011, 31, 8464-8475.	3.6	27
24	Entorhinal cortex projection cells to the hippocampal formation in vitro. <i>Brain Research</i> , 2001, 905, 224-231.	2.2	26
25	Muscarinic Control of Dendritic Excitability and Ca ²⁺ Signaling in CA1 Pyramidal Neurons in Rat Hippocampal Slice. <i>Journal of Neurophysiology</i> , 1999, 82, 1909-1915.	1.8	24
26	Potent depression of stimulus evoked field potential responses in the medial entorhinal cortex by serotonin. <i>British Journal of Pharmacology</i> , 1999, 128, 248-254.	5.4	24
27	Increased inhibitory input to CA1 pyramidal cells alters hippocampal gamma frequency oscillations in the MK-801 model of acute psychosis. <i>Neurobiology of Disease</i> , 2007, 25, 545-552.	4.4	24
28	Serotonin Reduces Polysynaptic Inhibition via 5-HT _{1A} Receptors in the Superficial Entorhinal Cortex. <i>Journal of Neurophysiology</i> , 1998, 80, 1116-1121.	1.8	21
29	Kindling alters entorhinal cortex-hippocampal interaction by increased efficacy of presynaptic GABA _B autoreceptors in layer III of the entorhinal cortex. <i>Neurobiology of Disease</i> , 2003, 13, 203-212.	4.4	20
30	Cell Type-Specific Separation of Subicular Principal Neurons during Network Activities. <i>PLoS ONE</i> , 2015, 10, e0123636.	2.5	18
31	Systemic administration of the phencyclidine compound MK-801 affects stimulus-induced field potentials selectively in layer III of rat medial entorhinal cortex. <i>Neuroscience Letters</i> , 1997, 221, 93-96.	2.1	15
32	Effects of phencyclidines on signal transfer from the entorhinal cortex to the hippocampus in rats. <i>Neuroscience Letters</i> , 2004, 354, 185-188.	2.1	9
33	Effects of glutamate uptake blockers on stimulus-induced field potentials in rat entorhinal cortex in vitro. <i>Neuroscience Letters</i> , 1999, 259, 103-106.	2.1	6
34	Hippocampal spatial navigation: interneurons take responsibility. <i>Journal of Physiology</i> , 2010, 588, 4609-4610.	2.9	5
35	Neuronal Activity Patterns During Hippocampal Network Oscillations In Vitro. , 2010, , 247-276.		5
36	Low-frequency stimulation of the temporoammonic pathway induces heterosynaptic disinhibition in the subiculum. <i>Hippocampus</i> , 2011, 21, 733-743.	1.9	3

#	ARTICLE	IF	CITATIONS
37	Initiating a new national epilepsy surgery program: Experiences gathered in Georgia. <i>Epilepsy and Behavior</i> , 2020, 111, 107259.	1.7	2
38	International conference and workshop "Hallmarks of Epileptic Brain Activity" in Tbilisi, Georgia, October 24-27, 2017. <i>Epilepsia</i> , 2018, 59, 897-898.	5.1	1
39	Altered Interaction Between the Entorhinal Cortex and Hippocampus in Amygdala Kindled Rats. , 2005, , 91-97.		0
40	Cell Type-Specific Activity During Hippocampal Network Oscillations In Vitro. <i>Springer Series in Computational Neuroscience</i> , 2018, , 327-364.	0.3	0