Ingrid Ehrlich

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	5,017 citations	331670 21 h-index	414414 32 g-index
38 all docs	38 docs citations	38 times ranked	6182 citing authors

#	Article	IF	Citations
1	Amygdala Inhibitory Circuits and the Control of Fear Memory. Neuron, 2009, 62, 757-771.	8.1	815
2	Encoding of conditioned fear in central amygdala inhibitory circuits. Nature, 2010, 468, 277-282.	27.8	813
3	Postsynaptic Density 95 controls AMPA Receptor Incorporation during Long-Term Potentiation and Experience-Driven Synaptic Plasticity. Journal of Neuroscience, 2004, 24, 916-927.	3.6	465
4	Long-Range Connectivity Defines Behavioral Specificity of Amygdala Neurons. Neuron, 2014, 81, 428-437.	8.1	463
5	Amygdala interneuron subtypes control fear learning through disinhibition. Nature, 2014, 509, 453-458.	27.8	433
6	Neuronal circuits of fear extinction. European Journal of Neuroscience, 2010, 31, 599-612.	2.6	412
7	PSD-95 is required for activity-driven synapse stabilization. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4176-4181.	7.1	393
8	Cortical circuit activity underlying sleep slow oscillations and spindles. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9220-E9229.	7.1	196
9	Shift from depolarizing to hyperpolarizing glycine action in rat auditory neurones is due to age-dependent Clâ¯regulation. Journal of Physiology, 1999, 520, 121-137.	2.9	160
10	Faithful Expression of Multiple Proteins via 2A-Peptide Self-Processing: A Versatile and Reliable Method for Manipulating Brain Circuits. Journal of Neuroscience, 2009, 29, 8621-8629.	3.6	156
11	Sensory Inputs to Intercalated Cells Provide Fear-Learning Modulated Inhibition to the Basolateral Amygdala. Neuron, 2015, 86, 541-554.	8.1	91
12	Ex vivo dissection of optogenetically activated mPFC and hippocampal inputs to neurons in the basolateral amygdala: implications for fear and emotional memory. Frontiers in Behavioral Neuroscience, 2014, 8, 64.	2.0	85
13	InÂVivo Regulation of Oligodendrocyte Precursor Cell Proliferation and Differentiation by the AMPA-Receptor Subunit GluA2. Cell Reports, 2018, 25, 852-861.e7.	6.4	72
14	ERK-dependent PSD-95 induction in the gustatory cortex is necessary for taste learning, but not retrieval. Nature Neuroscience, 2008, 11, 1149-1151.	14.8	66
15	Intercalated amygdala clusters orchestrate a switch in fear state. Nature, 2021, 594, 403-407.	27.8	61
16	Dynamic modulation of inflammatory pain-related affective and sensory symptoms by optical control of amygdala metabotropic glutamate receptor 4. Molecular Psychiatry, 2018, 23, 509-520.	7.9	56
17	Disrupting 5-HT2A Receptor/PDZ Protein Interactions Reduces Hyperalgesia and Enhances SSRI Efficacy in Neuropathic Pain. Molecular Therapy, 2010, 18, 1462-1470.	8.2	51
18	Neurotransmitters acting via different G proteins inhibit N-type calcium current by an identical mechanism in rat sympathetic neurons. Journal of Neurophysiology, 1995, 74, 2251-2257.	1.8	35

#	Article	IF	Citations
19	GABAergic Synapses at the Axon Initial Segment of Basolateral Amygdala Projection Neurons Modulate Fear Extinction. Neuropsychopharmacology, 2017, 42, 473-484.	5.4	33
20	Environmental Enrichment Prevents Transcriptional Disturbances Induced by Alpha-Synuclein Overexpression. Frontiers in Cellular Neuroscience, 2018, 12, 112.	3.7	30
21	Postnatal maturation of GABAergic modulation of sensory inputs onto lateral amygdala principal neurons. Journal of Physiology, 2015, 593, 4387-4409.	2.9	28
22	Sleep supports cued fear extinction memory consolidation independent of circadian phase. Neurobiology of Learning and Memory, 2016, 132, 9-17.	1.9	20
23	Two mutations preventing PDZ-protein interactions of GluR1 have opposite effects on synaptic plasticity. Learning and Memory, 2006, 13, 562-565.	1.3	19
24	Development of glycinergic transmission in organotypic cultures from auditory brain stem. NeuroReport, 1998, 9, 2785-2790.	1.2	15
25	Axon regeneration in organotypic slice cultures from the mammalian auditory system is topographic and functional. , 1999, 41, 596-611.		10
26	Mistletoe-Based Drugs Work in Synergy with Radio-Chemotherapy in the Treatment of GliomaIn VitroandIn Vivoin Glioblastoma Bearing Mice. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-17.	1.2	9
27	Ex Vivo Optogenetic Dissection of Fear Circuits in Brain Slices. Journal of Visualized Experiments, 2016, , e53628.	0.3	8
28	Midbrain dopaminergic inputs gate amygdala intercalated cell clusters by distinct and cooperative mechanisms in male mice. ELife, 2021, 10, .	6.0	6
29	Combined Optogenetic and Freeze-fracture Replica Immunolabeling to Examine Input-specific Arrangement of Glutamate Receptors in the Mouse Amygdala. Journal of Visualized Experiments, 2016, , .	0.3	5
30	Fear Memory Retrieval Is Associated With a Reduction in AMPA Receptor Density at Thalamic to Amygdala Intercalated Cell Synapses. Frontiers in Synaptic Neuroscience, 2021, 13, 634558.	2.5	5
31	Short-term high-fat feeding induces a reversible net decrease in synaptic AMPA receptors in the hypothalamus. Journal of Nutritional Biochemistry, 2021, 87, 108516.	4.2	2
32	GABAergic synapses at the axon initial segment of basolateral amygdala projection neuron modulate behavioral flexibility. European Neuropsychopharmacology, 2017, 27, S28-S29.	0.7	1
33	Compartmentalised perturbation of GABAergic synapses in the basolateral amygdala principal neurons. European Neuropsychopharmacology, 2017, 27, S539.	0.7	0
34	An Assessment of Mistletoe-Based Drugs Work in Synergy with Radio-Chemotherapy in the Treatment of Glioma in vitro and in vivo in Glioblastoma Bearing Mice. , 2021, , 20-41.		0
35	Studying Neuronal Function Ex Vivo Using and. Methods in Molecular Biology, 2020, 2173, 1-20.	0.9	0