

Raphael Lamprecht

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,248
citations

430874

18
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of p21-activated kinase in maintaining the fear learning-induced modulation of excitation/inhibition ratio in lateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2021, 179, 107385.	1.9	0
2	Actin Cytoskeleton Role in the Maintenance of Neuronal Morphology and Long-Term Memory. <i>Cells</i> , 2021, 10, 1795.	4.1	15
3	Learning-induced enduring changes in inhibitory synaptic transmission in lateral amygdala are mediated by p21-activated kinase. <i>Journal of Neurophysiology</i> , 2020, 123, 178-190.	1.8	2
4	EphB2 receptor forward signaling is needed for normal long-term memory formation in aged mice. <i>Neurobiology of Aging</i> , 2020, 86, 11-15.	3.1	2
5	Long-term memory is maintained by continuous activity of Arp2/3 in lateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107115.	1.9	3
6	The Role of Rac GTPase in Dendritic Spine Morphogenesis and Memory. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 12.	2.5	34
7	A Cellular Mechanism of Learning-Induced Enhancement of Synaptic Inhibition: PKC-Dependent Upregulation of KCC2 Activation. <i>Scientific Reports</i> , 2020, 10, 962.	3.3	6
8	Learning-induced modulation of the effect of endocannabinoids on inhibitory synaptic transmission. <i>Journal of Neurophysiology</i> , 2018, 119, 752-760.	1.8	6
9	Activation of EphB2 Forward Signaling Enhances Memory Consolidation. <i>Cell Reports</i> , 2018, 23, 2014-2025.	6.4	30
10	The Role of Actin Cytoskeleton in Dendritic Spines in the Maintenance of Long-Term Memory. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 143.	2.9	86
11	Affecting long-term fear memory formation through optical control of Rac1 GTPase and PAK activity in lateral amygdala. <i>Scientific Reports</i> , 2017, 7, 13930.	3.3	19
12	The Role of Actin Cytoskeleton in Memory Formation in Amygdala. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 23.	2.9	21
13	Calcium/calmodulin-dependent kinase II activity is required for maintaining learning-induced enhancement of α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor-mediated synaptic excitation. <i>Journal of Neurochemistry</i> , 2016, 136, 1168-1176.	3.9	19
14	The Role of Ephs and Ephrins in Memory Formation. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv106.	2.1	36
15	Arp2/3 and VASP Are Essential for Fear Memory Formation in Lateral Amygdala. <i>ENeuro</i> , 2016, 3, ENEURO.0302-16.2016.	1.9	19
16	Persistent CaMKII Activation Mediates Learning-Induced Long-Lasting Enhancement of Synaptic Inhibition. <i>Journal of Neuroscience</i> , 2015, 35, 128-139.	3.6	32
17	The roles of Eph receptors in contextual fear conditioning memory formation. <i>Neurobiology of Learning and Memory</i> , 2015, 124, 62-70.	1.9	25
18	The Membrane Proximal Region of AMPA Receptors in Lateral Amygdala is Essential for Fear Memory Formation. <i>Neuropsychopharmacology</i> , 2015, 40, 2727-2735.	5.4	9

#	ARTICLE	IF	CITATIONS
19	Fear conditioning leads to alteration in specific genes expression in cortical and thalamic neurons that project to the lateral amygdala. <i>Journal of Neurochemistry</i> , 2015, 132, 313-326.	3.9	17
20	Fear memory formation can affect a different memory: fear conditioning affects the extinction, but not retrieval, of conditioned taste aversion (CTA) memory. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 324.	2.0	3
21	The actin cytoskeleton in memory formation. <i>Progress in Neurobiology</i> , 2014, 117, 1-19.	5.7	64
22	ABL1 in thalamus is associated with safety but not fear learning. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 5.	2.5	9
23	Rho-associated kinase in the gustatory cortex is involved in conditioned taste aversion memory formation but not in memory retrieval or relearning. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 1-6.	1.9	4
24	The Roles of the Actin Cytoskeleton in Fear Memory Formation. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 39.	2.0	20
25	Virally mediated gene manipulation in the adult CNS. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 57.	2.9	16
26	Actin polymerization in lateral amygdala is essential for fear memory formation. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 85-88.	1.9	49
27	Associative Pavlovian conditioning leads to an increase in spinophilin-immunoreactive dendritic spines in the lateral amygdala. <i>European Journal of Neuroscience</i> , 2006, 24, 876-884.	2.6	41
28	Fear conditioning drives profilin into amygdala dendritic spines. <i>Nature Neuroscience</i> , 2006, 9, 481-483.	14.8	93
29	Structural plasticity and memory. <i>Nature Reviews Neuroscience</i> , 2004, 5, 45-54.	10.2	860
30	Fear Memory Formation Involves p190 RhoGAP and ROCK Proteins through a GRB2-Mediated Complex. <i>Neuron</i> , 2002, 36, 727-738.	8.1	102
31	A-kinase anchoring proteins in amygdala are involved in auditory fear memory. <i>Nature Neuroscience</i> , 2002, 5, 837-838.	14.8	84
32	NMDA Receptor and the Tyrosine Phosphorylation of Its 2B Subunit in Taste Learning in the Rat Insular Cortex. <i>Journal of Neuroscience</i> , 1997, 17, 5129-5135.	3.6	217
33	cAMP Response Element-Binding Protein in the Amygdala Is Required for Long- but not Short-Term Conditioned Taste Aversion Memory. <i>Journal of Neuroscience</i> , 1997, 17, 8443-8450.	3.6	245
34	Differential modulation of brain immediate early genes by intraperitoneal LiCl. <i>NeuroReport</i> , 1995, 7, 289-293.	1.2	57