

Andreas Luthi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

9,229
citations

236925

25
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

8070
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal circuits for fear and anxiety. <i>Nature Reviews Neuroscience</i> , 2015, 16, 317-331.	10.2	1,317
2	Switching on and off fear by distinct neuronal circuits. <i>Nature</i> , 2008, 454, 600-606.	27.8	854
3	Encoding of conditioned fear in central amygdala inhibitory circuits. <i>Nature</i> , 2010, 468, 277-282.	27.8	813
4	A disinhibitory microcircuit for associative fear learning in the auditory cortex. <i>Nature</i> , 2011, 480, 331-335.	27.8	746
5	Genetic dissection of an amygdala microcircuit that gates conditioned fear. <i>Nature</i> , 2010, 468, 270-276.	27.8	745
6	Midbrain circuits for defensive behaviour. <i>Nature</i> , 2016, 534, 206-212.	27.8	546
7	Long-Range Connectivity Defines Behavioral Specificity of Amygdala Neurons. <i>Neuron</i> , 2014, 81, 428-437.	8.1	463
8	Amygdala interneuron subtypes control fear learning through disinhibition. <i>Nature</i> , 2014, 509, 453-458.	27.8	433
9	Neuronal circuits of fear extinction. <i>European Journal of Neuroscience</i> , 2010, 31, 599-612.	2.6	412
10	A competitive inhibitory circuit for selection of active and passive fear responses. <i>Nature</i> , 2017, 542, 96-100.	27.8	368
11	Disinhibition, a Circuit Mechanism for Associative Learning and Memory. <i>Neuron</i> , 2015, 88, 264-276.	8.1	309
12	Neural ensemble dynamics underlying a long-term associative memory. <i>Nature</i> , 2017, 543, 670-675.	27.8	273
13	Distinct Hippocampal Pathways Mediate Dissociable Roles of Context in Memory Retrieval. <i>Cell</i> , 2016, 167, 961-972.e16.	28.9	226
14	Amygdala Inhibitory Circuits Regulate Associative Fear Conditioning. <i>Biological Psychiatry</i> , 2018, 83, 800-809.	1.3	190
15	Central amygdala circuits modulate food consumption through a positive-valence mechanism. <i>Nature Neuroscience</i> , 2017, 20, 1384-1394.	14.8	186
16	New perspectives on central amygdala function. <i>Current Opinion in Neurobiology</i> , 2018, 49, 141-147.	4.2	185
17	Generalization of amygdala LTP and conditioned fear in the absence of presynaptic inhibition. <i>Nature Neuroscience</i> , 2006, 9, 1028-1035.	14.8	181
18	Regulating anxiety with extrasynaptic inhibition. <i>Nature Neuroscience</i> , 2015, 18, 1493-1500.	14.8	158

#	ARTICLE	IF	CITATIONS
19	Amygdala ensembles encode behavioral states. <i>Science</i> , 2019, 364, .	12.6	147
20	Dendritic Spine Heterogeneity Determines Afferent-Specific Hebbian Plasticity in the Amygdala. <i>Neuron</i> , 2005, 45, 119-131.	8.1	131
21	Adaptive disinhibitory gating by VIP interneurons permits associative learning. <i>Nature Neuroscience</i> , 2019, 22, 1834-1843.	14.8	113
22	Genetic Strain Differences in Learned Fear Inhibition Associated with Variation in Neuroendocrine, Autonomic, and Amygdala Dendritic Phenotypes. <i>Neuropsychopharmacology</i> , 2012, 37, 1534-1547.	5.4	93
23	Sensory Inputs to Intercalated Cells Provide Fear-Learning Modulated Inhibition to the Basolateral Amygdala. <i>Neuron</i> , 2015, 86, 541-554.	8.1	91
24	Projection-Specific Dynamic Regulation of Inhibition in Amygdala Micro-Circuits. <i>Neuron</i> , 2016, 91, 644-651.	8.1	64
25	Intercalated amygdala clusters orchestrate a switch in fear state. <i>Nature</i> , 2021, 594, 403-407.	27.8	61
26	Central amygdala micro-circuits mediate fear extinction. <i>Nature Communications</i> , 2021, 12, 4156.	12.8	38
27	State-dependent encoding of exploratory behaviour in the amygdala. <i>Nature</i> , 2021, 592, 267-271.	27.8	26
28	Structural and Functional Remodeling of Amygdala GABAergic Synapses in Associative Fear Learning. <i>Neuron</i> , 2019, 104, 781-794.e4.	8.1	24
29	Compartmentalized dendritic plasticity during associative learning. <i>Science</i> , 2022, 376, eabf7052.	12.6	20
30	A neuronal mechanism for motivational control of behavior. <i>Science</i> , 2022, 375, eabg7277.	12.6	16