

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Human anterior insula signals salience and deviations from expectations via bursts of beta oscillations. <i>Journal of Neurophysiology</i> , 2022, 128, 160-180.	0.9	10
2	Gamma Oscillations in the Basolateral Amygdala: Localization, Microcircuitry, and Behavioral Correlates. <i>Journal of Neuroscience</i> , 2021, 41, 6087-6101.	1.7	10
3	Optogenetic study of central medial and paraventricular thalamic projections to the basolateral amygdala. <i>Journal of Neurophysiology</i> , 2021, 126, 1234-1247.	0.9	11
4	Serotonergic control of GABAergic inhibition in the lateral amygdala. <i>Journal of Neurophysiology</i> , 2020, 123, 670-681.	0.9	6
5	Different Multidimensional Representations across the Amygdalo-Prefrontal Network during an Approach-Avoidance Task. <i>Neuron</i> , 2020, 107, 717-730.e5.	3.8	24
6	Embracing Complexity in Defensive Networks. <i>Neuron</i> , 2019, 103, 189-201.	3.8	38
7	Closed-loop control of gamma oscillations in the amygdala demonstrates their role in spatial memory consolidation. <i>Nature Communications</i> , 2019, 10, 3970.	5.8	51
8	Detection of Multiway Gamma Coordination Reveals How Frequency Mixing Shapes Neural Dynamics. <i>Neuron</i> , 2019, 101, 603-614.e6.	3.8	9
9	Basolateral amygdala neurons are activated during threat expectation. <i>Journal of Neurophysiology</i> , 2019, 121, 1761-1777.	0.9	16
10	Classification of Brainwaves Using Convolutional Neural Network. , 2019, 2019, .		9
11	Midline thalamic inputs to the amygdala: Ultrastructure and synaptic targets. <i>Journal of Comparative Neurology</i> , 2019, 527, 942-956.	0.9	20
12	Gamma Oscillations in the Basolateral Amygdala: Biophysical Mechanisms and Computational Consequences. <i>ENeuro</i> , 2019, 6, ENEURO.0388-18.2018.	0.9	19
13	Vigilance-Associated Gamma Oscillations Coordinate the Ensemble Activity of Basolateral Amygdala Neurons. <i>Neuron</i> , 2018, 97, 656-669.e7.	3.8	40
14	Glutamatergic and gabaergic ventral BNST neurons differ in their physiological properties and responsiveness to noradrenaline. <i>Neuropsychopharmacology</i> , 2018, 43, 2126-2133.	2.8	18
15	Multi-dimensional Coding by Basolateral Amygdala Neurons. <i>Neuron</i> , 2018, 99, 1315-1328.e5.	3.8	93
16	Optogenetic Study of Anterior BNST and Basomedial Amygdala Projections to the Ventromedial Hypothalamus. <i>ENeuro</i> , 2018, 5, ENEURO.0204-18.2018.	0.9	36
17	Mechanisms of memory storage in a model perirhinal network. <i>Brain Structure and Function</i> , 2017, 222, 183-200.	1.2	9
18	Intra- and interregional cortical interactions related to sharp-wave ripples and dentate spikes. <i>Journal of Neurophysiology</i> , 2017, 117, 556-565.	0.9	31

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19	Differential Recruitment of Competing Valence-Related Amygdala Networks during Anxiety. <i>Neuron</i> , 2017, 96, 81-88.e5.	3.8	51
20	When scientific paradigms lead to tunnel vision: lessons from the study of fear. <i>Npj Science of Learning</i> , 2017, 2, .	1.5	58
21	Common oscillatory mechanisms across multiple memory systems. <i>Npj Science of Learning</i> , 2017, 2, .	1.5	77
22	Biologically based neural circuit modelling for the study of fear learning and extinction. <i>Npj Science of Learning</i> , 2016, 1, .	1.5	20
23	Functional Heterogeneity in the Bed Nucleus of the Stria Terminalis. <i>Journal of Neuroscience</i> , 2016, 36, 8038-8049.	1.7	170
24	Basolateral amygdala nucleus responses to appetitive conditioned stimuli correlate with variations in conditioned behaviour. <i>Nature Communications</i> , 2016, 7, 12275.	5.8	16
25	Electroresponsive properties of rat central medial thalamic neurons. <i>Journal of Neurophysiology</i> , 2016, 115, 1533-1541.	0.9	12
26	Pupil Response to Threat in Trauma-Exposed Individuals With or Without PTSD. <i>Journal of Traumatic Stress</i> , 2015, 28, 370-374.	1.0	30
27	Incorporating 3D-printing technology in the design of head-caps and electrode drives for recording neurons in multiple brain regions. <i>Journal of Neurophysiology</i> , 2015, 113, 2721-2732.	0.9	35
28	Impact of Basal Forebrain Cholinergic Inputs on Basolateral Amygdala Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 853-863.	1.7	103
29	Amygdala Signaling during Foraging in a Hazardous Environment. <i>Journal of Neuroscience</i> , 2015, 35, 12994-13005.	1.7	79
30	Optogenetic study of the projections from the bed nucleus of the stria terminalis to the central amygdala. <i>Journal of Neurophysiology</i> , 2015, 114, 2903-2911.	0.9	51
31	CGRP Inhibits Neurons of the Bed Nucleus of the Stria Terminalis: Implications for the Regulation of Fear and Anxiety. <i>Journal of Neuroscience</i> , 2014, 34, 60-65.	1.7	30
32	Cortical inputs innervate calbindin-immunoreactive interneurons of the rat basolateral amygdaloid complex. <i>Journal of Comparative Neurology</i> , 2014, 522, 1915-1928.	0.9	27
33	High-frequency oscillations are prominent in the extended amygdala. <i>Journal of Neurophysiology</i> , 2014, 112, 110-119.	0.9	23
34	Amygdala Microcircuits Controlling Learned Fear. <i>Neuron</i> , 2014, 82, 966-980.	3.8	604
35	Contrasting distribution of physiological cell types in different regions of the bed nucleus of the stria terminalis. <i>Journal of Neurophysiology</i> , 2013, 110, 2037-2049.	0.9	43
36	Mechanisms contributing to the induction and storage of Pavlovian fear memories in the lateral amygdala. <i>Learning and Memory</i> , 2013, 20, 421-430.	0.5	46

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37	Assignment of Model Amygdala Neurons to the Fear Memory Trace Depends on Competitive Synaptic Interactions. <i>Journal of Neuroscience</i> , 2013, 33, 14354-14358.	1.7	45
38	Physiological basis for emotional modulation of memory circuits by the amygdala. <i>Current Opinion in Neurobiology</i> , 2013, 23, 381-386.	2.0	55
39	Differential connectivity of short- vs. long-range extrinsic and intrinsic cortical inputs to perirhinal neurons. <i>Journal of Comparative Neurology</i> , 2013, 521, 2538-2550.	0.9	15
40	Neuronal correlates of fear conditioning in the bed nucleus of the stria terminalis. <i>Learning and Memory</i> , 2013, 20, 633-641.	0.5	69
41	Intrinsic connections in the anterior part of the bed nucleus of the stria terminalis. <i>Journal of Neurophysiology</i> , 2013, 109, 2438-2450.	0.9	34
42	Associative Properties of the Perirhinal Network. <i>Cerebral Cortex</i> , 2012, 22, 1318-1332.	1.6	17
43	Morphology, PKC δ expression, and synaptic responsiveness of different types of rat central lateral amygdala neurons. <i>Journal of Neurophysiology</i> , 2012, 108, 3196-3205.	0.9	37
44	Amygdala microcircuits mediating fear expression and extinction. <i>Current Opinion in Neurobiology</i> , 2012, 22, 717-723.	2.0	168
45	The Fear Circuit Revisited: Contributions of the Basal Amygdala Nuclei to Conditioned Fear. <i>Journal of Neuroscience</i> , 2011, 31, 15481-15489.	1.7	172
46	Impact of infralimbic inputs on intercalated amygdala neurons: A biophysical modeling study. <i>Learning and Memory</i> , 2011, 18, 226-240.	0.5	36
47	Central Amygdala Activity during Fear Conditioning. <i>Journal of Neuroscience</i> , 2011, 31, 289-294.	1.7	166
48	Synaptic Interactions Underlying Synchronized Inhibition in the Basal Amygdala: Evidence for Existence of Two Types of Projection Cells. <i>Journal of Neurophysiology</i> , 2011, 105, 687-696.	0.9	27
49	Physiological identification and infralimbic responsiveness of rat intercalated amygdala neurons. <i>Journal of Neurophysiology</i> , 2011, 105, 3054-3066.	0.9	96
50	Synaptic correlates of fear extinction in the amygdala. <i>Nature Neuroscience</i> , 2010, 13, 489-494.	7.1	344
51	Facilitation of Corticostriatal Plasticity by the Amygdala Requires Ca ²⁺ -Induced Ca ²⁺ Release in the Ventral Striatum. <i>Journal of Neurophysiology</i> , 2010, 104, 1673-1680.	0.9	8
52	Plastic Synaptic Networks of the Amygdala for the Acquisition, Expression, and Extinction of Conditioned Fear. <i>Physiological Reviews</i> , 2010, 90, 419-463.	13.1	871
53	The Bed Nucleus of the Stria Terminalis Mediates Inter-individual Variations in Anxiety and Fear. <i>Journal of Neuroscience</i> , 2009, 29, 10357-10361.	1.7	224
54	Measuring Correlations and Interactions Among Four Simultaneously Recorded Brain Regions During Learning. <i>Journal of Neurophysiology</i> , 2009, 101, 2507-2515.	0.9	21

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55	Coherent gamma oscillations couple the amygdala and striatum during learning. <i>Nature Neuroscience</i> , 2009, 12, 801-807.	7.1	169
56	Amygdala intercalated neurons are required for expression of fear extinction. <i>Nature</i> , 2008, 454, 642-645.	13.7	432
57	Theta synchronizes the activity of medial prefrontal neurons during learning. <i>Learning and Memory</i> , 2008, 15, 524-531.	0.5	98
58	Gamma Oscillations Coordinate Amygdalo-Rhinal Interactions during Learning. <i>Journal of Neuroscience</i> , 2007, 27, 9369-9379.	1.7	126
59	Learning-Related Facilitation of Rhinal Interactions by Medial Prefrontal Inputs. <i>Journal of Neuroscience</i> , 2007, 27, 6542-6551.	1.7	67
60	Muscarinic Control of Long-Range GABAergic Inhibition within the Rhinal Cortices. <i>Journal of Neuroscience</i> , 2007, 27, 4061-4071.	1.7	43
61	Glucocorticoids Enhance the Excitability of Principal Basolateral Amygdala Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 4482-4491.	1.7	206
62	NMDA-dependent facilitation of corticostriatal plasticity by the amygdala. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 341-346.	3.3	52
63	Identification of Basolateral Amygdala Projection Cells and Interneurons Using Extracellular Recordings. <i>Journal of Neurophysiology</i> , 2006, 96, 3257-3265.	0.9	60
64	Emotional enhancement of memory via amygdala-driven facilitation of rhinal interactions. <i>Nature Neuroscience</i> , 2006, 9, 1321-1329.	7.1	150
65	Feedforward inhibition regulates perirhinal transmission of neocortical inputs to the entorhinal cortex: Ultrastructural study in guinea pigs. <i>Journal of Comparative Neurology</i> , 2006, 495, 722-734.	0.9	49
66	Activity-Dependent Synaptic Plasticity in the Central Nucleus of the Amygdala. <i>Journal of Neuroscience</i> , 2005, 25, 1847-1855.	1.7	98
67	Low-Probability Transmission of Neocortical and Entorhinal Impulses Through the Perirhinal Cortex. <i>Journal of Neurophysiology</i> , 2004, 91, 2079-2089.	0.9	65
68	Presynaptic induction and expression of NMDA-dependent LTP. <i>Trends in Neurosciences</i> , 2004, 27, 440-441.	4.2	20
69	The rhinal cortices: a wall of inhibition between the neocortex and the hippocampus. <i>Progress in Neurobiology</i> , 2004, 74, 101-110.	2.8	171
70	New Vistas on Amygdala Networks in Conditioned Fear. <i>Journal of Neurophysiology</i> , 2004, 92, 1-9.	0.9	801
71	Role of the basolateral amygdala in memory consolidation. <i>Progress in Neurobiology</i> , 2003, 70, 409-420.	2.8	248
72	Feedback Inhibition Defines Transverse Processing Modules in the Lateral Amygdala. <i>Journal of Neuroscience</i> , 2003, 23, 1966-1973.	1.7	31

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73	Contextual Inhibitory Gating of Impulse Traffic in the Intra-amygdaloid Network. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 78-91.	1.8	95
74	Amygdala oscillations and the consolidation of emotional memories. <i>Trends in Cognitive Sciences</i> , 2002, 6, 306-314.	4.0	275
75	Mechanisms of Pavlovian fear conditioning: has the engram been located?. <i>Trends in Neurosciences</i> , 2002, 25, 436-437.	4.2	27
76	Physiological properties of central amygdala neurons: species differences. <i>European Journal of Neuroscience</i> , 2002, 15, 545-552.	1.2	61
77	Cell-Type-Specific GABA Responses and Chloride Homeostasis in the Cortex and Amygdala. <i>Journal of Neurophysiology</i> , 2001, 86, 2887-2895.	0.9	143
78	Slow and Fast (Gamma) Neuronal Oscillations in the Perirhinal Cortex and Lateral Amygdala. <i>Journal of Neurophysiology</i> , 2001, 85, 1661-1672.	0.9	100
79	Propagation of Neocortical Inputs in the Perirhinal Cortex. <i>Journal of Neuroscience</i> , 2001, 21, 2878-2888.	1.7	44
80	Differential innervation of parvalbumin-immunoreactive interneurons of the basolateral amygdaloid complex by cortical and intrinsic inputs. , 2000, 416, 496-508.		167
81	Bistable Behavior of Inhibitory Neurons Controlling Impulse Traffic through the Amygdala: Role of a Slowly Deactivating K ⁺ Current. <i>Journal of Neuroscience</i> , 2000, 20, 9034-9039.	1.7	43
82	Polarized Synaptic Interactions Between Intercalated Neurons of the Amygdala. <i>Journal of Neurophysiology</i> , 2000, 83, 3509-3518.	0.9	79
83	Differential Fear Conditioning Induces Reciprocal Changes in the Sensory Responses of Lateral Amygdala Neurons to the CS+ and CS-. <i>Learning and Memory</i> , 2000, 7, 97-103.	0.5	159
84	An Inhibitory Interface Gates Impulse Traffic between the Input and Output Stations of the Amygdala. <i>Journal of Neuroscience</i> , 1999, 19, 10575-10583.	1.7	305
85	Physiological Properties of Central Medial and Central Lateral Amygdala Neurons. <i>Journal of Neurophysiology</i> , 1999, 82, 1843-1854.	0.9	64
86	Cat intraamygdaloid inhibitory network: Ultrastructural organization of parvalbumin-immunoreactive elements. , 1998, 391, 164-179.		84
87	Projection Cells and Interneurons of the Lateral and Basolateral Amygdala: Distinct Firing Patterns and Differential Relation to Theta and Delta Rhythms in Conscious Cats. <i>Journal of Neuroscience</i> , 1996, 16, 3334-3350.	1.7	214