

Christina Zelano

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,888
citations

516710

16
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Nasal Respiration Entrain Human Limbic Oscillations and Modulates Cognitive Function. <i>Journal of Neuroscience</i> , 2016, 36, 12448-12467.	3.6	355
2	Attentional modulation in human primary olfactory cortex. <i>Nature Neuroscience</i> , 2005, 8, 114-120.	14.8	241
3	Stimulus-specific enhancement of fear extinction during slow-wave sleep. <i>Nature Neuroscience</i> , 2013, 16, 1553-1555.	14.8	189
4	Olfactomotor activity during imagery mimics that during perception. <i>Nature Neuroscience</i> , 2003, 6, 1142-1144.	14.8	156
5	Olfactory Predictive Codes and Stimulus Templates in Piriform Cortex. <i>Neuron</i> , 2011, 72, 178-187.	8.1	148
6	Characterizing functional pathways of the human olfactory system. <i>ELife</i> , 2019, 8, .	6.0	117
7	Humans as an Animal Model for Systems-Level Organization of Olfaction. <i>Neuron</i> , 2005, 48, 431-454.	8.1	102
8	Amygdala-stimulation-induced apnea is attention and nasal-breathing dependent. <i>Annals of Neurology</i> , 2018, 83, 460-471.	5.3	86
9	Human Amygdala Represents the Complete Spectrum of Subjective Valence. <i>Journal of Neuroscience</i> , 2015, 35, 15145-15156.	3.6	79
10	A Specialized Odor Memory Buffer in Primary Olfactory Cortex. <i>PLoS ONE</i> , 2009, 4, e4965.	2.5	62
11	The effect of seizure spread to the amygdala on respiration and onset of ictal central apnea. <i>Journal of Neurosurgery</i> , 2020, 132, 1313-1323.	1.6	57
12	Theta Oscillations Rapidly Convey Odor-Specific Content in Human Piriform Cortex. <i>Neuron</i> , 2017, 94, 207-219.e4.	8.1	56
13	Automated analysis of breathing waveforms using BreathMetrics: a respiratory signal processing toolbox. <i>Chemical Senses</i> , 2018, 43, 583-597.	2.0	49
14	The value of identity: olfactory notes on orbitofrontal cortex function. <i>Annals of the New York Academy of Sciences</i> , 2011, 1239, 138-148.	3.8	41
15	Human olfactory-auditory integration requires phase synchrony between sensory cortices. <i>Nature Communications</i> , 2019, 10, 1168.	12.8	34
16	Human hippocampal connectivity is stronger in olfaction than other sensory systems. <i>Progress in Neurobiology</i> , 2021, 201, 102027.	5.7	28
17	Assessment of direct knowledge of the human olfactory system. <i>Experimental Neurology</i> , 2020, 329, 113304.	4.1	18
18	Smell-induced gamma oscillations in human olfactory cortex are required for accurate perception of odor identity. <i>PLoS Biology</i> , 2022, 20, e3001509.	5.6	16

#	ARTICLE	IF	CITATIONS
19	Human Primary Olfactory Amygdala Subregions Form Distinct Functional Networks, Suggesting Distinct Olfactory Functions. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 752320.	2.5	14
20	Mapping the Microstructure and Striae of the Human Olfactory Tract with Diffusion MRI. <i>Journal of Neuroscience</i> , 2022, 42, 58-68.	3.6	10
21	Odor Identification in Rats: Behavioral and Electrophysiological Evidence of Learned Olfactory-Auditory Associations. <i>ENeuro</i> , 2019, 6, ENEURO.0102-19.2019.	1.9	9
22	Anticipation-induced delta phase reset improves human olfactory perception. <i>PLoS Biology</i> , 2020, 18, e3000724.	5.6	8
23	HFOApp: A MATLAB Graphical User Interface for High-Frequency Oscillation Marking. <i>ENeuro</i> , 2021, 8, ENEURO.0509-20.2021.	1.9	7
24	A Taste of What to Expect: Top-Down Modulation of Neural Coding in Rodent Gustatory Cortex. <i>Neuron</i> , 2012, 74, 217-219.	8.1	3
25	Impact of intraoperative direct cortical stimulation dynamics on perioperative seizures and afterdischarge frequency in patients undergoing awake craniotomy. <i>Journal of Neurosurgery</i> , 2022, 137, 1853-1861.	1.6	3
26	High-Frequency Oscillations in Tumor-Related Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2022, Publish Ahead of Print, .	1.7	0
27	Anticipation-induced delta phase reset improves human olfactory perception. , 2020, 18, e3000724.		0
28	Anticipation-induced delta phase reset improves human olfactory perception. , 2020, 18, e3000724.		0
29	Anticipation-induced delta phase reset improves human olfactory perception. , 2020, 18, e3000724.		0
30	Anticipation-induced delta phase reset improves human olfactory perception. , 2020, 18, e3000724.		0