

Peter Lakatos

List of Publications by Year in descending order

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26
papers

7,411
citations

304368

22
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

5086
citing authors

#	ARTICLE	IF	CITATIONS
1	Entrainment of Neuronal Oscillations as a Mechanism of Attentional Selection. <i>Science</i> , 2008, 320, 110-113.	6.0	1,474
2	Low-frequency neuronal oscillations as instruments of sensory selection. <i>Trends in Neurosciences</i> , 2009, 32, 9-18.	4.2	1,294
3	An Oscillatory Hierarchy Controlling Neuronal Excitability and Stimulus Processing in the Auditory Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 1904-1911.	0.9	1,086
4	Neuronal Oscillations and Multisensory Interaction in Primary Auditory Cortex. <i>Neuron</i> , 2007, 53, 279-292.	3.8	872
5	Neuronal oscillations and visual amplification of speech. <i>Trends in Cognitive Sciences</i> , 2008, 12, 106-113.	4.0	438
6	The Spectrotemporal Filter Mechanism of Auditory Selective Attention. <i>Neuron</i> , 2013, 77, 750-761.	3.8	399
7	The Leading Sense: Supramodal Control of Neurophysiological Context by Attention. <i>Neuron</i> , 2009, 64, 419-430.	3.8	347
8	A New Unifying Account of the Roles of Neuronal Entrainment. <i>Current Biology</i> , 2019, 29, R890-R905.	1.8	257
9	Tuning of the Human Neocortex to the Temporal Dynamics of Attended Events. <i>Journal of Neuroscience</i> , 2011, 31, 3176-3185.	1.7	234
10	Laminar Profile and Physiology of the β Rhythm in Primary Visual, Auditory, and Somatosensory Regions of Neocortex. <i>Journal of Neuroscience</i> , 2015, 35, 14341-14352.	1.7	164
11	The Gamma Oscillation: Master or Slave?. <i>Brain Topography</i> , 2009, 22, 24-26.	0.8	119
12	Layer Specific Sharpening of Frequency Tuning by Selective Attention in Primary Auditory Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 16496-16508.	1.7	89
13	Separation of mismatch negativity and the N1 wave in the auditory cortex of the cat: a topographic study. <i>Clinical Neurophysiology</i> , 2001, 112, 778-784.	0.7	86
14	Timing of pure tone and noise-evoked responses in macaque auditory cortex. <i>NeuroReport</i> , 2005, 16, 933-937.	0.6	77
15	The Thalamocortical Circuit of Auditory Mismatch Negativity. <i>Biological Psychiatry</i> , 2020, 87, 770-780.	0.7	58
16	Top-down, contextual entrainment of neuronal oscillations in the auditory thalamocortical circuit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7605-E7614.	3.3	57
17	Dynamic Modulation of Cortical Excitability during Visual Active Sensing. <i>Cell Reports</i> , 2019, 27, 3447-3459.e3.	2.9	55
18	Dual Mechanism of Neuronal Ensemble Inhibition in Primary Auditory Cortex. <i>Neuron</i> , 2011, 69, 805-817.	3.8	54

#	ARTICLE	IF	CITATIONS
19	A roadmap for development of neuro-oscillations as translational biomarkers for treatment development in neuropsychopharmacology. <i>Neuropsychopharmacology</i> , 2020, 45, 1411-1422.	2.8	51
20	Rodent Mismatch Negativity/theta Neuro-Oscillatory Response as a Translational Neurophysiological Biomarker for N-Methyl-D-Aspartate Receptor-Based New Treatment Development in Schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 571-582.	2.8	44
21	Attention and arousal related modulation of spontaneous gamma-activity in the auditory cortex of the cat. <i>Cognitive Brain Research</i> , 2004, 19, 1-9.	3.3	42
22	Pondering the Pulvinar. <i>Neuron</i> , 2016, 89, 5-7.	3.8	29
23	Oscillatory Bursting as a Mechanism for Temporal Coupling and Information Coding. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 82.	1.2	21
24	Language Dysfunction in Schizophrenia: Assessing Neural Tracking to Characterize the Underlying Disorder(s)?. <i>Frontiers in Neuroscience</i> , 2021, 15, 640502.	1.4	16
25	Characterization of neural entrainment to speech with and without slow spectral energy fluctuations in laminar recordings in monkey A1. <i>NeuroImage</i> , 2017, 150, 344-357.	2.1	13
26	The Role of Motor and Environmental Visual Rhythms in Structuring Auditory Cortical Excitability. <i>IScience</i> , 2020, 23, 101374.	1.9	10