

Ryszard Auksztulewicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1954034/publications.pdf>

Version: 2024-02-01

31
papers

1,428
citations

430874

18
h-index

454955

30
g-index

42
all docs

42
docs citations

42
times ranked

1677
citing authors

#	ARTICLE	IF	CITATIONS
1	Repetition suppression and its contextual determinants in predictive coding. <i>Cortex</i> , 2016, 80, 125-140.	2.4	233
2	Attentional Enhancement of Auditory Mismatch Responses: a DCM/MEG Study. <i>Cerebral Cortex</i> , 2015, 25, 4273-4283.	2.9	188
3	Causal Role of Dorsolateral Prefrontal Cortex in Human Perceptual Decision Making. <i>Current Biology</i> , 2011, 21, 980-983.	3.9	157
4	Prediction and memory: A predictive coding account. <i>Progress in Neurobiology</i> , 2020, 192, 101821.	5.7	108
5	Recurrent Neural Processing and Somatosensory Awareness. <i>Journal of Neuroscience</i> , 2012, 32, 799-805.	3.6	91
6	Not All Predictions Are Equal: "What" and "When" Predictions Modulate Activity in Auditory Cortex through Different Mechanisms. <i>Journal of Neuroscience</i> , 2018, 38, 8680-8693.	3.6	69
7	The Cumulative Effects of Predictability on Synaptic Gain in the Auditory Processing Stream. <i>Journal of Neuroscience</i> , 2017, 37, 6751-6760.	3.6	52
8	Task relevance modulates the behavioural and neural effects of sensory predictions. <i>PLoS Biology</i> , 2017, 15, e2003143.	5.6	50
9	Expectation violation and attention to pain jointly modulate neural gain in somatosensory cortex. <i>NeuroImage</i> , 2017, 153, 109-121.	4.2	49
10	Sensorimotor beta power reflects the precision-weighting afforded to sensory prediction errors. <i>NeuroImage</i> , 2019, 200, 59-71.	4.2	48
11	Subjective Rating of Weak Tactile Stimuli Is Parametrically Encoded in Event-Related Potentials. <i>Journal of Neuroscience</i> , 2013, 33, 11878-11887.	3.6	47
12	Ongoing neural oscillations influence behavior and sensory representations by suppressing neuronal excitability. <i>NeuroImage</i> , 2022, 247, 118746.	4.2	42
13	Rhythmic Temporal Expectation Boosts Neural Activity by Increasing Neural Gain. <i>Journal of Neuroscience</i> , 2019, 39, 9806-9817.	3.6	39
14	Linking canonical microcircuits and neuronal activity: Dynamic causal modelling of laminar recordings. <i>NeuroImage</i> , 2017, 146, 355-366.	4.2	38
15	Selective Prefrontal Disinhibition in a Roving Auditory Oddball Paradigm Under N-Methyl-D-Aspartate Receptor Blockade. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 140-150.	1.5	31
16	Nociceptive activation in spinal cord and brain persists during deep general anaesthesia. <i>British Journal of Anaesthesia</i> , 2018, 121, 291-302.	3.4	30
17	Maintenance and manipulation of somatosensory information in ventrolateral prefrontal cortex. <i>Human Brain Mapping</i> , 2014, 35, 2412-2423.	3.6	27
18	Effects of propofol anesthesia on the processing of noxious stimuli in the spinal cord and the brain. <i>NeuroImage</i> , 2018, 172, 642-653.	4.2	25

#	ARTICLE	IF	CITATIONS
19	Impairing somatosensory working memory using rTMS. <i>European Journal of Neuroscience</i> , 2011, 34, 839-844.	2.6	14
20	Cortical mapping of mismatch responses to independent acoustic features. <i>Hearing Research</i> , 2021, 399, 107894.	2.0	13
21	The influence of spontaneous brain oscillations on apparent motion perception. <i>NeuroImage</i> , 2014, 102, 241-248.	4.2	10
22	Stimulus-specific adaptation, MMN and predictive coding. <i>Hearing Research</i> , 2021, 399, 108076.	2.0	9
23	Dissociable neural effects of temporal expectations due to passage of time and contextual probability. <i>Hearing Research</i> , 2021, 399, 107871.	2.0	8
24	Decoding the Content of Auditory Sensory Memory Across Species. <i>Cerebral Cortex</i> , 2021, 31, 3226-3236.	2.9	8
25	Active Inference as a Computational Framework for Consciousness. <i>Review of Philosophy and Psychology</i> , 2022, 13, 859-878.	1.8	7
26	Neural Correlates of Auditory Pattern Learning in the Auditory Cortex. <i>Frontiers in Neuroscience</i> , 2021, 15, 610978.	2.8	6
27	Do Auditory Mismatch Responses Differ Between Acoustic Features?. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 613903.	2.0	5
28	Learning boosts the decoding of sound sequences in rat auditory cortex. <i>Current Research in Neurobiology</i> , 2021, 2, 100019.	2.3	4
29	Simultaneous mnemonic and predictive representations in the auditory cortex. <i>Current Biology</i> , 2022, 32, 2548-2555.e5.	3.9	4
30	The precedence effect in spatial hearing manifests in cortical neural population responses. <i>BMC Biology</i> , 2022, 20, 48.	3.8	2
31	Editorial: Sensing the World Through Predictions and Errors. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 899529.	2.0	0