

# 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	Active Inference as a Computational Framework for Consciousness. Review of Philosophy and Psychology, 2022, 13, 859-878.	1.8	7
2	Ongoing neural oscillations influence behavior and sensory representations by suppressing neuronal excitability. NeuroImage, 2022, 247, 118746.	4.2	42
3	The precedence effect in spatial hearing manifests in cortical neural population responses. BMC Biology, 2022, 20, 48.	3.8	2
4	Editorial: Sensing the World Through Predictions and Errors. Frontiers in Human Neuroscience, 2022, 16, 899529.	2.0	0
5	Simultaneous mnemonic and predictive representations in the auditory cortex. Current Biology, 2022, 32, 2548-2555.e5.	3.9	4
6	Cortical mapping of mismatch responses to independent acoustic features. Hearing Research, 2021, 399, 107894.	2.0	13
7	Stimulus-specific adaptation, MMN and predictive coding. Hearing Research, 2021, 399, 108076.	2.0	9
8	Dissociable neural effects of temporal expectations due to passage of time and contextual probability. Hearing Research, 2021, 399, 107871.	2.0	8
9	Learning boosts the decoding of sound sequences in rat auditory cortex. Current Research in Neurobiology, 2021, 2, 100019.	2.3	4
10	Do Auditory Mismatch Responses Differ Between Acoustic Features?. Frontiers in Human Neuroscience, 2021, 15, 613903.	2.0	5
11	Decoding the Content of Auditory Sensory Memory Across Species. Cerebral Cortex, 2021, 31, 3226-3236.	2.9	8
12	Neural Correlates of Auditory Pattern Learning in the Auditory Cortex. Frontiers in Neuroscience, 2021, 15, 610978.	2.8	6
13	Prediction and memory: A predictive coding account. Progress in Neurobiology, 2020, 192, 101821.	5.7	108
14	Selective Prefrontal Disinhibition in a Roving Auditory Oddball Paradigm Under N-Methyl-D-Aspartate Receptor Blockade. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 140-150.	1.5	31
15	Rhythmic Temporal Expectation Boosts Neural Activity by Increasing Neural Gain. Journal of Neuroscience, 2019, 39, 9806-9817.	3.6	39
16	Sensorimotor beta power reflects the precision-weighting afforded to sensory prediction errors. NeuroImage, 2019, 200, 59-71.	4.2	48
17	Effects of propofol anesthesia on the processing of noxious stimuli in the spinal cord and the brain. NeuroImage, 2018, 172, 642-653.	4.2	25
18	Nociceptive activation in spinal cord and brain persists during deep general anaesthesia. British Journal of Anaesthesia, 2018, 121, 291-302.	3.4	30

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Expectation violation and attention to pain jointly modulate neural gain in somatosensory cortex. <i>NeuroImage</i> , 2017, 153, 109-121.	4.2	49
22	Linking canonical microcircuits and neuronal activity: Dynamic causal modelling of laminar recordings. <i>NeuroImage</i> , 2017, 146, 355-366.	4.2	38
23	Task relevance modulates the behavioural and neural effects of sensory predictions. <i>PLoS Biology</i> , 2017, 15, e2003143.	5.6	50
24	Repetition suppression and its contextual determinants in predictive coding. <i>Cortex</i> , 2016, 80, 125-140.	2.4	233
25	Attentional Enhancement of Auditory Mismatch Responses: a DCM/MEG Study. <i>Cerebral Cortex</i> , 2015, 25, 4273-4283.	2.9	188
26	Maintenance and manipulation of somatosensory information in ventrolateral prefrontal cortex. <i>Human Brain Mapping</i> , 2014, 35, 2412-2423.	3.6	27
27	The influence of spontaneous brain oscillations on apparent motion perception. <i>NeuroImage</i> , 2014, 102, 241-248.	4.2	10
28	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
29	Recurrent Neural Processing and Somatosensory Awareness. <i>Journal of Neuroscience</i> , 2012, 32, 799-805.	3.6	91
30	Impairing somatosensory working memory using rTMS. <i>European Journal of Neuroscience</i> , 2011, 34, 839-844.	2.6	14
31	Causal Role of Dorsolateral Prefrontal Cortex in Human Perceptual Decision Making. <i>Current Biology</i> , 2011, 21, 980-983.	3.9	157