

# Guillermo Varela Carbajal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/127414/publications.pdf>

Version: 2024-02-01

19  
papers

447  
citations

1684188

5  
h-index

2053705

5  
g-index

22  
all docs

22  
docs citations

22  
times ranked

364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurons along the auditory pathway exhibit a hierarchical organization of prediction error. Nature Communications, 2017, 8, 2148.	12.8	222
2	The Neuronal Basis of Predictive Coding Along the Auditory Pathway: From the Subcortical Roots to Cortical Deviance Detection. Trends in Hearing, 2018, 22, 233121651878482.	1.3	111
3	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. PLoS Biology, 2020, 18, e3001019.	5.6	49
4	Dopamine modulates subcortical responses to surprising sounds. PLoS Biology, 2020, 18, e3000744.	5.6	28
5	Deviance detection in physiologically identified cell types in the rat auditory cortex. Hearing Research, 2021, 399, 107997.	2.0	13
6	Novelty Processing in the Auditory System: Detection, Adaptation or Expectation?. , 2020, , 749-776.		8
7	Deviance Detection and Encoding Acoustic Regularity in the Auditory Midbrain. , 0, , 707-740.		6
8	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
9	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
10	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
11	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
12	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
13	Dopamine modulates subcortical responses to surprising sounds. , 2020, 18, e3000744.		0
14	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0
15	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0
16	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0
17	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0
18	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0

#	ARTICLE	IF	CITATIONS
19	Prediction error signaling explains neuronal mismatch responses in the medial prefrontal cortex. , 2020, 18, e3001019.		0