

Mathilde Bonnefond

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,532
citations

430874

18
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2843
citing authors

#	ARTICLE	IF	CITATIONS
1	Alpha Oscillations Serve to Protect Working Memory Maintenance against Anticipated Distracters. <i>Current Biology</i> , 2012, 22, 1969-1974.	3.9	447
2	An oscillatory mechanism for prioritizing salient unattended stimuli. <i>Trends in Cognitive Sciences</i> , 2012, 16, 200-206.	7.8	383
3	Temporal coding organized by coupled alpha and gamma oscillations prioritize visual processing. <i>Trends in Neurosciences</i> , 2014, 37, 357-369.	8.6	358
4	Layer-Specific Entrainment of Gamma-Band Neural Activity by the Alpha Rhythm in Monkey Visual Cortex. <i>Current Biology</i> , 2012, 22, 2313-2318.	3.9	337
5	Communication between Brain Areas Based on Nested Oscillations. <i>ENeuro</i> , 2017, 4, ENEURO.0153-16.2017.	1.9	193
6	Gamma Activity Coupled to Alpha Phase as a Mechanism for Top-Down Controlled Gating. <i>PLoS ONE</i> , 2015, 10, e0128667.	2.5	109
7	Medial prefrontal theta phase coupling during spatial memory retrieval. <i>Hippocampus</i> , 2014, 24, 656-665.	1.9	99
8	Hippocampal pattern completion is linked to gamma power increases and alpha power decreases during recollection. <i>ELife</i> , 2016, 5, .	6.0	91
9	Oscillatory mechanisms of feedforward and feedback visual processing. <i>Trends in Neurosciences</i> , 2015, 38, 192-194.	8.6	87
10	What's behind an inference? An EEG study with conditional arguments. <i>Neuropsychologia</i> , 2009, 47, 3125-3133.	1.6	59
11	The role of gamma and alpha oscillations for blocking out distraction. <i>Communicative and Integrative Biology</i> , 2013, 6, e22702.	1.4	57
12	How pragmatic interpretations arise from conditionals: Profiling the Affirmation of the Consequent argument with reaction time and EEG measures. <i>Journal of Memory and Language</i> , 2012, 67, 468-485.	2.1	31
13	Disabling conditional inferences: An EEG study. <i>Neuropsychologia</i> , 2014, 56, 255-262.	1.6	29
14	Critical role of insular cortex in taste but not odour aversion memory. <i>European Journal of Neuroscience</i> , 2009, 29, 1654-1662.	2.6	27
15	Deduction electrified: ERPs elicited by the processing of words in conditional arguments. <i>Brain and Language</i> , 2013, 124, 244-256.	1.6	27
16	Prefrontal alpha- and beta-band oscillations are involved in rule selection. <i>Trends in Cognitive Sciences</i> , 2013, 17, 10-12.	7.8	27
17	Squib: A deflationary account of invited inferences. <i>Belgian Journal of Linguistics</i> , 2011, 25, 195-208.	0.3	25
18	Alpha activity reflects individual abilities to adapt to the environment. <i>NeuroImage</i> , 2014, 89, 235-243.	4.2	25

#	ARTICLE	IF	CITATIONS
19	Directed Communication between Nucleus Accumbens and Neocortex in Humans Is Differentially Supported by Synchronization in the Theta and Alpha Band. PLoS ONE, 2015, 10, e0138685.	2.5	24
20	Top-down Control of Alpha Phase Adjustment in Anticipation of Temporally Predictable Visual Stimuli. Journal of Cognitive Neuroscience, 2018, 30, 1157-1169.	2.3	22
21	Reasoning from transitive premises: An EEG study. Brain and Cognition, 2014, 90, 100-108.	1.8	19
22	Critical role of insular cortex in taste but not odour aversion memory. European Journal of Neuroscience, 2009, 29, 2435-2435.	2.6	14
23	What MEG can reveal about inference making: The case of if...then sentences. Human Brain Mapping, 2013, 34, 684-697.	3.6	12
24	New insights on the ventral attention network: Active suppression and involuntary recruitment during a bimodal task. Human Brain Mapping, 2021, 42, 1699-1713.	3.6	12
25	Estimates of cortical column orientation improve MEG source inversion. NeuroImage, 2020, 216, 116862.	4.2	11
26	OUP accepted manuscript. Cerebral Cortex, 2022, , .	2.9	2