

Mathilde Bonnefond

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,532
citations

430874

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h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2843
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Cerebral Cortex, 2022, , .	2.9	2
2	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
3	Estimates of cortical column orientation improve MEG source inversion. NeuroImage, 2020, 216, 116862.	4.2	11
4	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
5	Communication between Brain Areas Based on Nested Oscillations. ENeuro, 2017, 4, ENEURO.0153-16.2017.	1.9	193
6	Hippocampal pattern completion is linked to gamma power increases and alpha power decreases during recollection. ELife, 2016, 5, .	6.0	91
7	Gamma Activity Coupled to Alpha Phase as a Mechanism for Top-Down Controlled Gating. PLoS ONE, 2015, 10, e0128667.	2.5	109
8	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
9	Oscillatory mechanisms of feedforward and feedback visual processing. Trends in Neurosciences, 2015, 38, 192-194.	8.6	87
10	Medial prefrontal theta phase coupling during spatial memory retrieval. Hippocampus, 2014, 24, 656-665.	1.9	99
11	Alpha activity reflects individual abilities to adapt to the environment. NeuroImage, 2014, 89, 235-243.	4.2	25
12	Disabling conditional inferences: An EEG study. Neuropsychologia, 2014, 56, 255-262.	1.6	29
13	Reasoning from transitive premises: An EEG study. Brain and Cognition, 2014, 90, 100-108.	1.8	19
14	Temporal coding organized by coupled alpha and gamma oscillations prioritize visual processing. Trends in Neurosciences, 2014, 37, 357-369.	8.6	358
15	What MEG can reveal about inference making: The case of if...then sentences. Human Brain Mapping, 2013, 34, 684-697.	3.6	12
16	Deduction electrified: ERPs elicited by the processing of words in conditional arguments. Brain and Language, 2013, 124, 244-256.	1.6	27
17	Prefrontal alpha- and beta-band oscillations are involved in rule selection. Trends in Cognitive Sciences, 2013, 17, 10-12.	7.8	27
18	The role of gamma and alpha oscillations for blocking out distraction. Communicative and Integrative Biology, 2013, 6, e22702.	1.4	57

#	ARTICLE	IF	CITATIONS
19	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
20	An oscillatory mechanism for prioritizing salient unattended stimuli. <i>Trends in Cognitive Sciences</i> , 2012, 16, 200-206.	7.8	383
21	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
22	Alpha Oscillations Serve to Protect Working Memory Maintenance against Anticipated Distracters. <i>Current Biology</i> , 2012, 22, 1969-1974.	3.9	447
23	Squib: A deflationary account of invited inferences. <i>Belgian Journal of Linguistics</i> , 2011, 25, 195-208.	0.3	25
24	What's behind an inference? An EEG study with conditional arguments. <i>Neuropsychologia</i> , 2009, 47, 3125-3133.	1.6	59
25	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
26	Critical role of insular cortex in taste but not odour aversion memory. <i>European Journal of Neuroscience</i> , 2009, 29, 2435-2435.	2.6	14