

Mareike Grotheer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6536371/publications.pdf>

Version: 2024-02-01

20
papers

604
citations

759233

12
h-index

940533

16
g-index

27
all docs

27
docs citations

27
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Can predictive coding explain repetition suppression?. Cortex, 2016, 80, 113-124.	2.4	83
2	Repetition Probability Effects Depend on Prior Experiences. Journal of Neuroscience, 2014, 34, 6640-6646.	3.6	81
3	Neuroimaging Evidence of a Bilateral Representation for Visually Presented Numbers. Journal of Neuroscience, 2016, 36, 88-97.	3.6	65
4	The relationship between stimulus repetitions and fulfilled expectations. Neuropsychologia, 2015, 67, 175-182.	1.6	49
5	Causal evidence of the involvement of the number form area in the visual detection of numbers and letters. NeuroImage, 2016, 132, 314-319.	4.2	47
6	A preference for mathematical processing outweighs the selectivity for Arabic numbers in the inferior temporal gyrus. NeuroImage, 2018, 175, 188-200.	4.2	38
7	Repetition probability effects for inverted faces. NeuroImage, 2014, 102, 416-423.	4.2	34
8	The contribution of surprise to the prediction based modulation of fMRI responses. Neuropsychologia, 2016, 84, 105-112.	1.6	31
9	White matter myelination during early infancy is linked to spatial gradients and myelin content at birth. Nature Communications, 2022, 13, 997.	12.8	29
10	Evaluating the Reliability of Human Brain White Matter Tractometry. , 2021, 2021, .		27
11	Separate lanes for adding and reading in the white matter highways of the human brain. Nature Communications, 2019, 10, 3675.	12.8	25
12	The relationship between repetition suppression and face perception. Brain Imaging and Behavior, 2017, 11, 1018-1028.	2.1	23
13	White matter fascicles and cortical microstructure predict reading-related responses in human ventral temporal cortex. NeuroImage, 2021, 227, 117669.	4.2	16
14	Infants's cortex undergoes microstructural growth coupled with myelination during development. Communications Biology, 2021, 4, 1191.	4.4	15
15	Establishing the functional relevancy of white matter connections in the visual system and beyond. Brain Structure and Function, 2022, 227, 1347-1356.	2.3	8
16	White matter connections of high-level visual areas predict cytoarchitecture better than category-selectivity in childhood, but not adulthood. Cerebral Cortex, 2023, 33, 2485-2506.	2.9	7
17	Significant repetition probability effects in schizophrenia. Psychiatry Research - Neuroimaging, 2019, 290, 22-29.	1.8	6
18	Similar Expectation Effects for Immediate and Delayed Stimulus Repetitions. Frontiers in Neuroscience, 2019, 13, 1379.	2.8	0

#	ARTICLE	IF	CITATIONS
19	A preference for mathematical tasks outweighs the selectivity for Arabic numbers in the inferior temporal gyrus. <i>Journal of Vision</i> , 2018, 18, 551.	0.3	0
20	White matter anatomy and cortical microstructure predict reading-related responses in ventral temporal cortex. <i>Journal of Vision</i> , 2020, 20, 201.	0.3	0