Aurore Menegaux

List of Publications by Year in descending order

22 papers	377 citations	933447 10 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	813 citing authors

#	Article	IF	Citations
1	Presynaptic D2 Dopamine Receptors Control Long-Term Depression Expression and Memory Processes in the Temporal Hippocampus. Biological Psychiatry, 2015, 77, 513-525.	1.3	84
2	Decreased cingulo-opercular network functional connectivity mediates the impact of aging on visual processing speed. Neurobiology of Aging, 2019, 73, 50-60.	3.1	40
3	Aberrant gyrification contributes to the link between gestational age and adult IQ after premature birth. Brain, 2019, 142, 1255-1269.	7.6	31
4	Impaired visual short-term memory capacity is distinctively associated with structural connectivity of the posterior thalamic radiation and the splenium of the corpus callosum in preterm-born adults. NeuroImage, 2017, 150, 68-76.	4.2	28
5	Mesocorticolimbic Connectivity and Volumetric Alterations inDCCMutation Carriers. Journal of Neuroscience, 2018, 38, 4655-4665.	3.6	23
6	An analysis of MRI derived cortical complexity in premature-born adults: Regional patterns, risk factors, and potential significance. NeuroImage, 2020, 208, 116438.	4.2	22
7	Hippocampal subfield volumes are nonspecifically reduced in prematureâ€born adults. Human Brain Mapping, 2020, 41, 5215-5227.	3.6	16
8	Decreased cortical thickness mediates the relationship between premature birth and cognitive performance in adulthood. Human Brain Mapping, 2020, 41, 4952-4963.	3.6	16
9	Decreased amygdala volume in adults after premature birth. Scientific Reports, 2021, 11, 5403.	3.3	16
10	Increased Brain Age Gap Estimate (BrainAGE) in Young Adults After Premature Birth. Frontiers in Aging Neuroscience, 2021, 13, 653365.	3.4	15
11	Reduced apparent fiber density in the white matter of premature-born adults. Scientific Reports, 2020, 10, 17214.	3.3	12
12	Visual processing speed is linked to functional connectivity between right frontoparietal and visual networks. European Journal of Neuroscience, 2021, 53, 3362-3377.	2.6	11
13	Impaired structural connectivity between dorsal attention network and pulvinar mediates the impact of premature birth on adult visualâ€“spatial abilities. Human Brain Mapping, 2019, 40, 4058-4071.	3.6	10
14	Aberrant cortico-thalamic structural connectivity in premature-born adults. Cortex, 2021, 141, 347-362.	2.4	10
15	Automated claustrum segmentation in human brain MRI using deep learning. Human Brain Mapping, 2021, 42, 5862-5872.	3.6	9
16	Linking the impact of aging on visual short-term memory capacity with changes in the structural connectivity of posterior thalamus to occipital cortices. NeuroImage, 2020, 208, 116440.	4.2	8
17	Theory of visual attention thalamic model for visual short-term memory capacity and top-down control: Evidence from a thalamo-cortical structural connectivity analysis. NeuroImage, 2019, 195, 67-77.	4.2	6
18	Within amygdala: Basolateral parts are selectively impaired in premature-born adults. NeuroImage: Clinical, 2021, 31, 102780.	2.7	6

#	Article	IF	Citations
19	Aberrant Claustrum Microstructure in Humans after Premature Birth. Cerebral Cortex, 2021, 31, 5549-5559.	2.9	4
20	Grey and White Matter Volume Changes after Preterm Birth: A Meta-Analytic Approach. Journal of Personalized Medicine, 2021, 11, 868.	2.5	4
21	Efficient Claustrum Segmentation in T2-weighted Neonatal Brain MRI Using Transfer Learning from Adult Scans. Clinical Neuroradiology, 2022, 32, 665-676.	1.9	4
22	Altered Gray Matter Cortical and Subcortical T1-Weighted/T2-Weighted Ratio in Premature-Born Adults. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 495-504.	1.5	2