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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12048561/publications.pdf>

Version: 2024-02-01

11
papers

1,568
citations

933447

10
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

2635
citing authors

#	ARTICLE	IF	CITATIONS
1	The challenge of mapping the human connectome based on diffusion tractography. <i>Nature Communications</i> , 2017, 8, 1349.	12.8	956
2	Tractometer: Towards validation of tractography pipelines. <i>Medical Image Analysis</i> , 2013, 17, 844-857.	11.6	188
3	TractoFlow: A robust, efficient and reproducible diffusion MRI pipeline leveraging Nextflow & Singularity. <i>NeuroImage</i> , 2020, 218, 116889.	4.2	92
4	Transient synchronization of hippocampo-striato-thalamo-cortical networks during sleep spindle oscillations induces motor memory consolidation. <i>NeuroImage</i> , 2018, 169, 419-430.	4.2	82
5	Reactivation or transformation? Motor memory consolidation associated with cerebral activation time-locked to sleep spindles. <i>PLoS ONE</i> , 2017, 12, e0174755.	2.5	79
6	Expert and crowd-sourced validation of an individualized sleep spindle detection method employing complex demodulation and individualized normalization. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 507.	2.0	46
7	Test-Retest Reliability of Diffusion Measures Extracted Along White Matter Language Fiber Bundles Using HARDI-Based Tractography. <i>Frontiers in Neuroscience</i> , 2018, 12, 1055.	2.8	28
8	Thalamo-Cortical White Matter Underlies Motor Memory Consolidation via Modulation of Sleep Spindles in Young and Older Adults. <i>Neuroscience</i> , 2019, 402, 104-115.	2.3	24
9	Age-related white-matter correlates of motor sequence learning and consolidation. <i>Neurobiology of Aging</i> , 2016, 48, 13-22.	3.1	20
10	Tractometer: Online Evaluation System for Tractography. <i>Lecture Notes in Computer Science</i> , 2012, 15, 699-706.	1.3	15
11	A methodological scoping review of the integration of fMRI to guide dMRI tractography. What has been done and what can be improved: A 20-year perspective. <i>Journal of Neuroscience Methods</i> , 2022, 367, 109435.	2.5	3