

Luke J Hearne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3360005/publications.pdf>

Version: 2024-02-01

13
papers

700
citations

933447

10
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional brain networks related to individual differences in human intelligence at rest. Scientific Reports, 2016, 6, 32328.	3.3	163
2	Reconfiguration of Brain Network Architectures between Resting-State and Complexity-Dependent Cognitive Reasoning. Journal of Neuroscience, 2017, 37, 8399-8411.	3.6	131
3	A cortical hierarchy of localized and distributed processes revealed via dissociation of task activations, connectivity changes, and intrinsic timescales. NeuroImage, 2020, 221, 117141.	4.2	77
4	The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei. Neuron, 2019, 104, 849-855.e3.	8.1	67
5	Core and matrix thalamic sub-populations relate to spatio-temporal cortical connectivity gradients. NeuroImage, 2020, 222, 117224.	4.2	58
6	Interactions between default mode and control networks as a function of increasing cognitive reasoning complexity. Human Brain Mapping, 2015, 36, 2719-2731.	3.6	55
7	Discovering the Computational Relevance of Brain Network Organization. Trends in Cognitive Sciences, 2020, 24, 25-38.	7.8	49
8	Increased cognitive complexity reveals abnormal brain network activity in individuals with corpus callosum dysgenesis. NeuroImage: Clinical, 2019, 21, 101595.	2.7	23
9	Activity flow underlying abnormalities in brain activations and cognition in schizophrenia. Science Advances, 2021, 7, .	10.3	21
10	ADHD symptoms map onto noise-driven structureâ€“function decoupling between hub and peripheral brain regions. Molecular Psychiatry, 2021, 26, 4036-4045.	7.9	19
11	Neural decoding of visual stimuli varies with fluctuations in global network efficiency. Human Brain Mapping, 2017, 38, 3069-3080.	3.6	17
12	Focal neural perturbations reshape low-dimensional trajectories of brain activity supporting cognitive performance. Nature Communications, 2022, 13, 4.	12.8	7
13	The Latin Square Task as a Measure of Relational Reasoning. European Journal of Psychological Assessment, 2020, 36, 296-302.	3.0	4