

# Adam Hampshire

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

7,061  
citations

117625

34  
h-index

66911

78  
g-index

92  
all docs

92  
docs citations

92  
times ranked

9287  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the right inferior frontal gyrus: inhibition and attentional control. <i>NeuroImage</i> , 2010, 50, 1313-1319.	4.2	1,064
2	Putting brain training to the test. <i>Nature</i> , 2010, 465, 775-778.	27.8	875
3	Orbitofrontal Dysfunction in Patients with Obsessive-Compulsive Disorder and Their Unaffected Relatives. <i>Science</i> , 2008, 321, 421-422.	12.6	477
4	Cognitive deficits in people who have recovered from COVID-19. <i>EClinicalMedicine</i> , 2021, 39, 101044.	7.1	348
5	Fractionating Human Intelligence. <i>Neuron</i> , 2012, 76, 1225-1237.	8.1	307
6	Fractionating Attentional Control Using Event-Related fMRI. <i>Cerebral Cortex</i> , 2005, 16, 1679-1689.	2.9	289
7	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2009, 65, 550-555.	1.3	274
8	A functional network perspective on response inhibition and attentional control. <i>Nature Communications</i> , 2014, 5, 4073.	12.8	203
9	Adaptive Coding of Task-Relevant Information in Human Frontoparietal Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 14592-14599.	3.6	189
10	Contrasting network and modular perspectives on inhibitory control. <i>Trends in Cognitive Sciences</i> , 2015, 19, 445-452.	7.8	179
11	Catechol <i>O</i> -Methyltransferase val <sup>158</sup> met Genotype Influences Frontoparietal Activity during Planning in Patients with Parkinson's Disease. <i>Journal of Neuroscience</i> , 2007, 27, 4832-4838.	3.6	175
12	Attentional control in Parkinson's disease is dependent on COMT val158met genotype. <i>Brain</i> , 2008, 131, 397-408.	7.6	165
13	Externally induced frontoparietal synchronization modulates network dynamics and enhances working memory performance. <i>ELife</i> , 2017, 6, .	6.0	147
14	Dehydration affects brain structure and function in healthy adolescents. <i>Human Brain Mapping</i> , 2011, 32, 71-79.	3.6	130
15	Genetic impact on cognition and brain function in newly diagnosed Parkinson's disease: ICICLE-PD study. <i>Brain</i> , 2014, 137, 2743-2758.	7.6	127
16	Domain-general subregions of the medial prefrontal cortex contribute to recovery of language after stroke. <i>Brain</i> , 2017, 140, 1947-1958.	7.6	109
17	Brain state and polarity dependent modulation of brain networks by transcranial direct current stimulation. <i>Human Brain Mapping</i> , 2019, 40, 904-915.	3.6	108
18	Selective tuning of the right inferior frontal gyrus during target detection. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 103-112.	2.0	102

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19	A proof of concept study of tolcapone for pathological gambling: Relationships with COMT genotype and brain activation. <i>European Neuropsychopharmacology</i> , 2013, 23, 1587-1596.	0.7	96
20	Lateral Prefrontal Cortex Subregions Make Dissociable Contributions during Fluid Reasoning. <i>Cerebral Cortex</i> , 2011, 21, 1-10.	2.9	80
21	Clinical Concepts Emerging from fMRI Functional Connectomics. <i>Neuron</i> , 2016, 91, 511-528.	8.1	80
22	Hypoconnectivity and Hyperfrontality in Retired American Football Players. <i>Scientific Reports</i> , 2013, 3, 2972.	3.3	74
23	Rapid vigilance and episodic memory decrements in COVID-19 survivors. <i>Brain Communications</i> , 2022, 4, fcab295.	3.3	72
24	Selective Tuning of the Blood Oxygenation Level-Dependent Response during Simple Target Detection Dissociates Human Frontoparietal Subregions. <i>Journal of Neuroscience</i> , 2007, 27, 6219-6223.	3.6	71
25	Dissociable roles for lateral orbitofrontal cortex and lateral prefrontal cortex during preference driven reversal learning. <i>NeuroImage</i> , 2012, 59, 4102-4112.	4.2	70
26	Putting the brakes on inhibitory models of frontal lobe function. <i>NeuroImage</i> , 2015, 113, 340-355.	4.2	70
27	Associations between dimensions of behaviour, personality traits, and mental-health during the COVID-19 pandemic in the United Kingdom. <i>Nature Communications</i> , 2021, 12, 4111.	12.8	58
28	Post-traumatic stress disorder symptoms in COVID-19 survivors: online population survey. <i>BJPsych Open</i> , 2021, 7, e47.	0.7	54
29	Hypoactivation and Dysconnectivity of a Frontostriatal Circuit During Goal-Directed Planning as an Endophenotype for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 655-663.	1.5	52
30	Neuroadaptive Bayesian Optimization and Hypothesis Testing. <i>Trends in Cognitive Sciences</i> , 2017, 21, 155-167.	7.8	50
31	Striatum in stimulus-response learning via feedback and in decision making. <i>NeuroImage</i> , 2014, 101, 448-457.	4.2	46
32	Stimulating Multiple-Demand Cortex Enhances Vocabulary Learning. <i>Journal of Neuroscience</i> , 2017, 37, 7606-7618.	3.6	44
33	Dissociating frontoparietal brain networks with neuroadaptive Bayesian optimization. <i>Nature Communications</i> , 2018, 9, 1227.	12.8	44
34	Multivariate profile and acute-phase correlates of cognitive deficits in a COVID-19 hospitalised cohort. <i>EClinicalMedicine</i> , 2022, 47, 101417.	7.1	44
35	Dynamic network coding of working-memory domains and working-memory processes. <i>Nature Communications</i> , 2019, 10, 936.	12.8	43
36	Abnormal brain activation in excoriation (skin-picking) disorder: Evidence from an executive planning fMRI study. <i>British Journal of Psychiatry</i> , 2016, 208, 168-174.	2.8	41

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37	Network mechanisms of intentional learning. <i>NeuroImage</i> , 2016, 127, 123-134.	4.2	39
38	Dynamic Network Mechanisms of Relational Integration. <i>Journal of Neuroscience</i> , 2015, 35, 7660-7673.	3.6	38
39	Association between MAPT haplotype and memory function in patients with Parkinson's disease and healthy aging individuals. <i>Neurobiology of Aging</i> , 2015, 36, 1519-1528.	3.1	35
40	Stratifying drug treatment of cognitive impairments after traumatic brain injury using neuroimaging. <i>Brain</i> , 2019, 142, 2367-2379.	7.6	35
41	The Target Selective Neural Response " Similarity, Ambiguity, and Learning Effects. <i>PLoS ONE</i> , 2008, 3, e2520.	2.5	31
42	Cognitive enhancement with Salience Network electrical stimulation is influenced by network structural connectivity. <i>NeuroImage</i> , 2019, 185, 425-433.	4.2	30
43	Are Working Memory Training Effects Paradigm-Specific?. <i>Frontiers in Psychology</i> , 2019, 10, 1103.	2.1	29
44	Predicting clinical diagnosis in Huntington's disease: An imaging polymarker. <i>Annals of Neurology</i> , 2018, 83, 532-543.	5.3	26
45	Probing cortical and sub-cortical contributions to instruction-based learning: Regional specialisation and global network dynamics. <i>NeuroImage</i> , 2019, 192, 88-100.	4.2	26
46	Assessing residual reasoning ability in overtly non-communicative patients using fMRI. <i>NeuroImage: Clinical</i> , 2013, 2, 174-183.	2.7	25
47	Traumatic axonal injury influences the cognitive effect of non-invasive brain stimulation. <i>Brain</i> , 2019, 142, 3280-3293.	7.6	25
48	An online investigation of the relationship between the frequency of word puzzle use and cognitive function in a large sample of older adults. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 921-931.	2.7	22
49	Normal aging and Parkinson's disease are associated with the functional decline of distinct frontal-striatal circuits. <i>Cortex</i> , 2017, 93, 178-192.	2.4	21
50	Dissociable effects of attention vs working memory training on cognitive performance and everyday functioning following fronto-parietal strokes. <i>Neuropsychological Rehabilitation</i> , 2020, 30, 1092-1114.	1.6	19
51	Gender/Sex Differences in the Association of Mild Behavioral Impairment with Cognitive Aging. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 345-355.	2.6	19
52	A P300-based cognitive assessment battery. <i>Brain and Behavior</i> , 2015, 5, e00336.	2.2	15
53	Neuroimaging evidence for a network sampling theory of individual differences in human intelligence test performance. <i>Nature Communications</i> , 2021, 12, 2072.	12.8	14
54	Item-level analysis of mental health symptom trajectories during the COVID-19 pandemic in the UK: Associations with age, sex and pre-existing psychiatric conditions. <i>Comprehensive Psychiatry</i> , 2022, 114, 152298.	3.1	14

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55	Effectiveness of an Emotional Working Memory Training in Borderline Personality Disorder: A Proof-of-Principle Study. <i>Psychotherapy and Psychosomatics</i> , 2020, 89, 122-124.	8.8	13
56	Monetary rewards modulate inhibitory control. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 257.	2.0	12
57	Inferior PFC Subregions Have Broad Cognitive Roles. <i>Trends in Cognitive Sciences</i> , 2015, 19, 712-713.	7.8	11
58	The Mental and Physical Health Profiles of Older Adults Who Endorse Elevated Autistic Traits. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 1726-1737.	3.9	11
59	The relationship between the frequency of numberâ€puzzle use and baseline cognitive function in a large online sample of adults aged 50 and over. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 932-940.	2.7	10
60	Inhibition-Related Cortical Hypoconnectivity as a Candidate Vulnerability Marker for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 222-230.	1.5	10
61	Traumatic life experiences and postâ€traumatic stress symptoms in middleâ€aged and older adults with and without autistic traits. <i>International Journal of Geriatric Psychiatry</i> , 2022, 37, .	2.7	10
62	Insights into the impact on daily life of the COVID-19 pandemic and effective coping strategies from free-text analysis of people's collective experiences. <i>Interface Focus</i> , 2021, 11, 20210051.	3.0	8
63	Spatial structure normalises working memory performance in Parkinson's disease. <i>Cortex</i> , 2017, 96, 73-82.	2.4	7
64	Patterns of Focal- and Large-Scale Synchronization in Cognitive Control and Inhibition: A Review. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 196.	2.0	7
65	The Effects of Working Memory Training on Brain Activity. <i>Brain Sciences</i> , 2021, 11, 155.	2.3	7
66	The Mental and Physical Health of Older Adults With a Genetic Predisposition for Autism. <i>Autism Research</i> , 2020, 13, 641-654.	3.8	7
67	An fMRI Pilot Study of Cognitive Flexibility in Trichotillomania. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 318-324.	1.8	6
68	Investigating the interaction between white matter and brain state on tDCS-induced changes in brain network activity. <i>Brain Stimulation</i> , 2021, 14, 1261-1270.	1.6	5
69	A randomized control trial of the effects of home-based online attention training and working memory training on cognition and everyday function in a community stroke sample. <i>Neuropsychological Rehabilitation</i> , 2022, 32, 2603-2627.	1.6	5
70	Are subtypes of affective symptoms differentially associated with change in cognition over time: A latent class analysis. <i>Journal of Affective Disorders</i> , 2022, 309, 437-445.	4.1	5
71	Brief response to Ashton and colleagues regarding Fractionating Human Intelligence. <i>Personality and Individual Differences</i> , 2014, 60, 16-17.	2.9	3
72	RE: Comment about â€Fractionating Human Intelligenceâ€™. Non-existent flaws in the original article and their relation to limitations of the P-FIT model. <i>Intelligence</i> , 2014, 46, 333-340.	3.0	3

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73	A robust brain signature region approach for episodic memory performance in older adults. <i>Brain</i> , 2021, 144, 1038-1040.	7.6	3
74	“It’s not rocket science” and “It’s not brain surgery” – a walk in the park: prospective comparative study. <i>BMJ, The</i> , 2021, 375, e067883.	6.0	3
75	Self-harm and Suicidality Experiences of Middle-Age and Older Adults With vs. Without High Autistic Traits. <i>Journal of Autism and Developmental Disorders</i> , 2023, 53, 3034-3046.	2.7	3
76	Computerized neuropsychological tests undertaken on digital platforms are cost effective, achieve high engagement, distinguish and are highly sensitive to longitudinal change: Data from the PROTECT and GBIT studies. <i>Alzheimer's and Dementia</i> , 2020, 16, e041122.	0.8	2
77	Dissociable effects of age and Parkinson’s disease on instruction-based learning. <i>Brain Communications</i> , 2021, 3, fcab175.	3.3	2
78	A Functional Network Perspective on the Role of the Frontal Lobes in Executive Cognition. , 2017, , 71-104.		0
79	Introducing the Task Switching Game: a paradigm for neuroimaging and online studies. <i>F1000Research</i> , 0, 11, 377.	1.6	0
80	Response to “Understanding chronic Covid-19”. <i>EClinicalMedicine</i> , 2022, 51, 101551.	7.1	0