

Bryan Strange

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

6,637
citations

136950

32
h-index

133252

59
g-index

77
all docs

77
docs citations

77
times ranked

8058
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional organization of the hippocampal longitudinal axis. <i>Nature Reviews Neuroscience</i> , 2014, 15, 655-669.	10.2	1,268
2	Automatic and intentional brain responses during evaluation of trustworthiness of faces. <i>Nature Neuroscience</i> , 2002, 5, 277-283.	14.8	897
3	Encoding of emotional memories depends on amygdala and hippocampus and their interactions. <i>Nature Neuroscience</i> , 2004, 7, 278-285.	14.8	488
4	Segregating the functions of human hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4034-4039.	7.1	293
5	A fast pathway for fear in human amygdala. <i>Nature Neuroscience</i> , 2016, 19, 1041-1049.	14.8	276
6	Â-Adrenergic modulation of emotional memory-evoked human amygdala and hippocampal responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11454-11458.	7.1	270
7	An emotion-induced retrograde amnesia in humans is amygdala- and Â-adrenergic-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13626-13631.	7.1	264
8	Information theory, novelty and hippocampal responses: unpredicted or unpredictable?. <i>Neural Networks</i> , 2005, 18, 225-230.	5.9	221
9	Dissociable Human Perirhinal, Hippocampal, and Parahippocampal Roles during Verbal Encoding. <i>Journal of Neuroscience</i> , 2002, 22, 523-528.	3.6	205
10	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. <i>Nature Communications</i> , 2020, 11, 3364.	12.8	199
11	Pre-operative verbal memory fMRI predicts post-operative memory decline after left temporal lobe resection. <i>Brain</i> , 2004, 127, 2419-2426.	7.6	196
12	An electroconvulsive therapy procedure impairs reconsolidation of episodic memories in humans. <i>Nature Neuroscience</i> , 2014, 17, 204-206.	14.8	155
13	Anterior Prefrontal Cortex Mediates Rule Learning in Humans. <i>Cerebral Cortex</i> , 2001, 11, 1040-1046.	2.9	121
14	Memory fMRI in left hippocampal sclerosis: Optimizing the approach to predicting postsurgical memory. <i>Neurology</i> , 2006, 66, 699-705.	1.1	117
15	Brain Mechanisms for Detecting Perceptual, Semantic, and Emotional Deviance. <i>NeuroImage</i> , 2000, 12, 425-433.	4.2	113
16	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. <i>NeuroImage</i> , 2003, 20, S112-S119.	4.2	111
17	Static Magnetic Field Stimulation over the Visual Cortex Increases Alpha Oscillations and Slows Visual Search in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 9182-9193.	3.6	108
18	Adaptive anterior hippocampal responses to oddball stimuli. <i>Hippocampus</i> , 2001, 11, 690-698.	1.9	103

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19	Prefrontal-Occipitoparietal Coupling Underlies Late Latency Human Neuronal Responses to Emotion. <i>Journal of Neuroscience</i> , 2011, 31, 17278-17286.	3.6	101
20	Noradrenergic neuromodulation of human attention for emotional and neutral stimuli. <i>Psychopharmacology</i> , 2008, 197, 127-136.	3.1	82
21	Deep brain stimulation: Imaging on a group level. <i>NeuroImage</i> , 2020, 219, 117018.	4.2	69
22	Î²-Adrenergic Blockade during Memory Retrieval in Humans Evokes a Sustained Reduction of Declarative Emotional Memory Enhancement. <i>Journal of Neuroscience</i> , 2010, 30, 3959-3963.	3.6	68
23	Dissociating intentional learning from relative novelty responses in the medial temporal lobe. <i>NeuroImage</i> , 2005, 25, 51-62.	4.2	66
24	Personalized striatal targets for deep brain stimulation in obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2019, 12, 724-734.	1.6	66
25	Peak Frequency in the Theta and Alpha Bands Correlates with Human Working Memory Capacity. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 200.	2.0	64
26	Unmasking selective path integration deficits in Alzheimer's disease risk carriers. <i>Science Advances</i> , 2020, 6, eaba1394.	10.3	55
27	How does the brain sustain a visual percept?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 845-850.	2.6	45
28	Action boosts episodic memory encoding in humans via engagement of a noradrenergic system. <i>Nature Communications</i> , 2019, 10, 3534.	12.8	44
29	Static Magnetic Field Stimulation over Parietal Cortex Enhances Somatosensory Detection in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 3840-3847.	3.6	43
30	Emotion Causes Targeted Forgetting of Established Memories. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 175.	2.0	42
31	Safety Study of Transcranial Static Magnetic Field Stimulation (tSMS) of the Human Cortex. <i>Brain Stimulation</i> , 2015, 8, 481-485.	1.6	41
32	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021, 90, 701-713.	1.3	41
33	Emotional arousal modulation of right temporoparietal cortex in depression depends on parental depression status in women: First evidence. <i>Journal of Affective Disorders</i> , 2015, 178, 79-87.	4.1	37
34	Anterior medial temporal lobe in human cognition: Memory for fear and the unexpected. <i>Cognitive Neuropsychiatry</i> , 2006, 11, 198-218.	1.3	36
35	Î²-adrenergic modulation of oddball responses in humans. <i>Behavioral and Brain Functions</i> , 2007, 3, 29.	3.3	32
36	Functional segregation within the human hippocampus. <i>Molecular Psychiatry</i> , 1999, 4, 508-511.	7.9	29

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37	Temporal dynamics of amygdala response to emotion- and action-relevance. <i>Scientific Reports</i> , 2020, 10, 11138.	3.3	27
38	Transcranial static magnetic field stimulation (tSMS) of the visual cortex decreases experimental photophobia. <i>Cephalalgia</i> , 2018, 38, 1493-1497.	3.9	26
39	Propofol-induced deep sedation reduces emotional episodic memory reconsolidation in humans. <i>Science Advances</i> , 2019, 5, eaav3801.	10.3	26
40	Dynamic gamma frequency feedback coupling between higher and lower order visual cortices underlies perceptual completion in humans. <i>NeuroImage</i> , 2014, 86, 470-479.	4.2	25
41	Static magnetic field stimulation of the supplementary motor area modulates resting-state activity and motor behavior. <i>Communications Biology</i> , 2019, 2, 397.	4.4	24
42	Emotion-Induced Retrograde Amnesia Is Determined by a 5-HTT Genetic Polymorphism. <i>Journal of Neuroscience</i> , 2008, 28, 7036-7039.	3.6	19
43	Aphasic seizures in patients with temporopolar and anterior temporobasal lesions: A video-EEG study. <i>Epilepsy and Behavior</i> , 2013, 29, 172-177.	1.7	16
44	Modulation of medial temporal lobe activity in epilepsy patients with hippocampal sclerosis during verbal working memory. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 536-546.	1.8	15
45	Dynamic risk control by human nucleus accumbens. <i>Brain</i> , 2015, 138, 3496-3502.	7.6	15
46	Human amygdala response to unisensory and multisensory emotion input: No evidence for superadditivity from intracranial recordings. <i>Neuropsychologia</i> , 2019, 131, 9-24.	1.6	12
47	Dopamine receptor 4 promoter polymorphism modulates memory and neuronal responses to salience. <i>NeuroImage</i> , 2014, 84, 922-931.	4.2	10
48	Alternative neural circuitry that might be impaired in the development of Alzheimer disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 145.	2.8	7
49	A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. <i>Brain Stimulation</i> , 2021, 14, 761-770.	1.6	7
50	Emotional memory in bipolar disorder: Impact of multiple episodes and childhood trauma. <i>Journal of Affective Disorders</i> , 2020, 260, 206-213.	4.1	6
51	Deep Brain Stimulation of the Nucleus Accumbens, Ventral Striatum, or Internal Capsule Targets for Medication-Resistant Obsessive-Compulsive Disorder: A Multicenter Study. <i>World Neurosurgery</i> , 2021, 155, e168-e176.	1.3	5
52	Further rare and unusual dementias. <i>Advances in Psychiatric Treatment</i> , 2012, 18, 67-77.	0.5	4
53	The multi-instrumentalist hippocampus. <i>Physics of Life Reviews</i> , 2015, 13, 85-86.	2.8	4
54	Orienting to fear under transient focal disruption of the human amygdala. <i>Brain</i> , 2023, 146, 135-148.	7.6	4

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55	Quantitative Longitudinal Predictions of Alzheimer's Disease by Multi-Modal Predictive Learning. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1533-1546.	2.6	2
56	Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans. <i>Scientific Reports</i> , 2022, 12, 7834.	3.3	2
57	Bidirectional synaptic plasticity can explain bidirectional retrograde effects of emotion on memory. <i>Behavioral and Brain Sciences</i> , 2016, 39, e224.	0.7	1
58	Neuroanatomical signature of super-ageing: Structural brain study of youthful episodic memory in people over the age of 80. <i>Alzheimer's and Dementia</i> , 2020, 16, e041915.	0.8	1
59	Deep-brain stimulation of human nucleus accumbens dynamically alters risky decision-making. <i>Brain Stimulation</i> , 2015, 8, 390.	1.6	0
60	[P300]: WHITE MATTER LOSS IN THE HEALTHY ELDERLY BRAIN INDICATIVE OF IMPENDING COGNITIVE DECLINE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1111.	0.8	0
61	Rare and Unusual Dementias. , 2020, , 50-77.		0
62	APOE ϵ 4 and hippocampal volume in the cognitively healthy elderly: Longitudinal analysis reveals origins of apparent cross-sectional differences. <i>Alzheimer's and Dementia</i> , 2020, 16, e042680.	0.8	0
63	Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2021, 31, 2742-2758.	2.9	0