Bryan Strange

List of Publications by Citations

62 papers	5,126 citations	30 h-index	71 g-index
77 ext. papers	5,998 ext. citations	7.7 avg, IF	5.62 L-index

#	Paper	IF	Citations
62	Functional organization of the hippocampal longitudinal axis. *Nature Reviews Neuroscience*, **2014**, 15, 655-69	13.5	844
61	Automatic and intentional brain responses during evaluation of trustworthiness of faces. *Nature Neuroscience*, **2002**, 5, 277-83	25.5	791
60	Encoding of emotional memories depends on amygdala and hippocampus and their interactions. *Nature Neuroscience*, **2004**, 7, 278-85	25.5	411
59	Segregating the functions of human hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 4034-9	11.5	275
58	Beta-adrenergic modulation of emotional memory-evoked human amygdala and hippocampal responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11454-8	11.5	241
57	An emotion-induced retrograde amnesia in humans is amygdala- and beta-adrenergic-dependent. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13626-31	11.5	227
56	Dissociable human perirhinal, hippocampal, and parahippocampal roles during verbal encoding. *Journal of Neuroscience*, **2002**, 22, 523-8	6.6	183
55	Information theory, novelty and hippocampal responses: unpredicted or unpredictable?. *Neural Networks*, **2005**, 18, 225-30	9.1	180
54	A fast pathway for fear in human amygdala. *Nature Neuroscience*, **2016**, 19, 1041-9	25.5	178
53	Pre-operative verbal memory fMRI predicts post-operative memory decline after left temporal lobe resection. *Brain*, **2004**, 127, 2419-26	11.2	155
52	An electroconvulsive therapy procedure impairs reconsolidation of episodic memories in humans. *Nature Neuroscience*, **2014**, 17, 204-6	25.5	134
51	Brain mechanisms for detecting perceptual, semantic, and emotional deviance. *NeuroImage*, **2000**, 12, 425-33	7.9	110
50	Anterior prefrontal cortex mediates rule learning in humans. *Cerebral Cortex*, **2001**, 11, 1040-6	5.1	108
49	Memory fMRI in left hippocampal sclerosis: optimizing the approach to predicting postsurgical memory. *Neurology*, **2006**, 66, 699-705	6.5	105
48	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. *NeuroImage*, **2003**, 20 Suppl 1, S112-9	7.9	97
47	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. *Nature Communications*, **2020**, 11, 3364	17.4	95
46	Adaptive anterior hippocampal responses to oddball stimuli. *Hippocampus*, **2001**, 11, 690-8	3.5	95

45	Prefrontal-occipitoparietal coupling underlies late latency human neuronal responses to emotion. *Journal of Neuroscience*, **2011**, 31, 17278-86	6.6	88
44	Noradrenergic neuromodulation of human attention for emotional and neutral stimuli. *Psychopharmacology*, **2008**, 197, 127-36	4.7	71
43	Static Magnetic Field Stimulation over the Visual Cortex Increases Alpha Oscillations and Slows Visual Search in Humans. *Journal of Neuroscience*, **2015**, 35, 9182-93	6.6	66
42	Dissociating intentional learning from relative novelty responses in the medial temporal lobe. *NeuroImage*, **2005**, 25, 51-62	7.9	59
41	Beta-adrenergic blockade during memory retrieval in humans evokes a sustained reduction of declarative emotional memory enhancement. *Journal of Neuroscience*, **2010**, 30, 3959-63	6.6	58
40	Peak frequency in the theta and alpha bands correlates with human working memory capacity. *Frontiers in Human Neuroscience*, **2010**, 4, 200	3.3	51
39	Personalized striatal targets for deep brain stimulation in obsessive-compulsive disorder. *Brain Stimulation*, **2019**, 12, 724-734	5.1	39
38	How does the brain sustain a visual percept?. *Proceedings of the Royal Society B: Biological Sciences*, **2000**, 267, 845-50	4.4	38
37	Emotion causes targeted forgetting of established memories. *Frontiers in Behavioral Neuroscience*, **2010**, 4, 175	3.5	34
36	Static Magnetic Field Stimulation over Parietal Cortex Enhances Somatosensory Detection in Humans. *Journal of Neuroscience*, **2017**, 37, 3840-3847	6.6	31
35	Emotional arousal modulation of right temporoparietal cortex in depression depends on parental depression status in women: first evidence. *Journal of Affective Disorders*, **2015**, 178, 79-87	6.6	31
34	Anterior medial temporal lobe in human cognition: memory for fear and the unexpected. *Cognitive Neuropsychiatry*, **2006**, 11, 198-218	2	31
33	Safety Study of Transcranial Static Magnetic Field Stimulation (tSMS) of the Human Cortex. *Brain Stimulation*, **2015**, 8, 481-5	5.1	30
32	Deep brain stimulation: Imaging on a group level. *NeuroImage*, **2020**, 219, 117018	7.9	29
31	Functional segregation within the human hippocampus. *Molecular Psychiatry*, **1999**, 4, 508-11	15.1	27
30	Beta-adrenergic modulation of oddball responses in humans. *Behavioral and Brain Functions*, **2007**, 3, 29	4.1	21
29	Emotion-induced retrograde amnesia is determined by a 5-HTT genetic polymorphism. *Journal of Neuroscience*, **2008**, 28, 7036-9	6.6	19
28	Transcranial static magnetic field stimulation (tSMS) of the visual cortex decreases experimental photophobia. *Cephalalgia*, **2018**, 38, 1493-1497	6.1	17

27	Dynamic gamma frequency feedback coupling between higher and lower order visual cortices underlies perceptual completion in humans. *NeuroImage*, **2014**, 86, 470-9	7.9	16
26	Propofol-induced deep sedation reduces emotional episodic memory reconsolidation in humans. *Science Advances*, **2019**, 5, eaav3801	14.3	15
25	Aphasic seizures in patients with temporopolar and anterior temporobasal lesions: a video-EEG study. *Epilepsy and Behavior*, **2013**, 29, 172-7	3.2	14
24	Modulation of medial temporal lobe activity in epilepsy patients with hippocampal sclerosis during verbal working memory. *Journal of the International Neuropsychological Society*, **2009**, 15, 536-46	3.1	14
23	Action boosts episodic memory encoding in humans via engagement of a noradrenergic system. *Nature Communications*, **2019**, 10, 3534	17.4	13
22	Unmasking selective path integration deficits in Alzheimer's disease risk carriers. *Science Advances*, **2020**, 6, eaba1394	14.3	13
21	Dynamic risk control by human nucleus accumbens. *Brain*, **2015**, 138, 3496-502	11.2	10
20	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. *Biological Psychiatry*, **2021**, 90, 701-713	7.9	10
19	Temporal dynamics of amygdala response to emotion- and action-relevance. *Scientific Reports*, **2020**, 10, 11138	4.9	8
18	Static magnetic field stimulation of the supplementary motor area modulates resting-state activity and motor behavior. *Communications Biology*, **2019**, 2, 397	6.7	8
17	Dopamine receptor 4 promoter polymorphism modulates memory and neuronal responses to salience. *NeuroImage*, **2014**, 84, 922-31	7.9	8
16	Alternative neural circuitry that might be impaired in the development of Alzheimer disease. *Frontiers in Neuroscience*, **2015**, 9, 145	5.1	5
15	The multi-instrumentalist hippocampus: Comment on "The quartet theory of human emotions: An integrative and neurofunctional model" by S. Koelsch et al. *Physics of Life Reviews*, **2015**, 13, 85-6	2.1	4
14	Further rare and unusual dementias. *Advances in Psychiatric Treatment*, **2012**, 18, 67-77		3
13	Toward a unified connectomic target for deep brain stimulation in obsessive-compulsive disorder		3
12	Emotional memory in bipolar disorder: Impact of multiple episodes and childhood trauma. *Journal of Affective Disorders*, **2020**, 260, 206-213	6.6	3
11	Human amygdala response to unisensory and multisensory emotion input: No evidence for superadditivity from intracranial recordings. *Neuropsychologia*, **2019**, 131, 9-24	3.2	2
10	A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. *Brain Stimulation*, **2021**, 14, 761-770	5.1	2

9	Neuroanatomical signature of super-ageing: Structural brain study of youthful episodic memory in people over the age of 80. *Alzheimers and Dementia*, **2020**, 16, e041915	1.2	1
8	Bidirectional synaptic plasticity can explain bidirectional retrograde effects of emotion on memory. *Behavioral and Brain Sciences*, **2016**, 39, e224	0.9	1
7	Quantitative Longitudinal Predictions of Alzheimer's Disease by Multi-Modal Predictive Learning. *Journal of Alzheimers Disease*, **2021**, 79, 1533-1546	4.3	1
6	Deep Brain Stimulation of the Nucleus Accumbens, Ventral Striatum, or Internal Capsule Targets for Medication-Resistant Obsessive-Compulsive Disorder: A Multicenter Study. *World Neurosurgery*, **2021**, 155, e168-e176	2.1	0
5	Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans.. *Scientific Reports*, **2022**, 12, 7834	4.9	0
4	APOE-ε4 and hippocampal volume in the cognitively healthy elderly: Longitudinal analysis reveals origins of apparent cross-sectional differences. *Alzheimers and Dementia*, **2020**, 16, e042680	1.2	
3	[P3–90]: WHITE MATTER LOSS IN THE HEALTHY ELDERLY BRAIN INDICATIVE OF IMPENDING COGNITIVE DECLINE **2017**, 13, P1111-P1111		
2	Rare and Unusual Dementias **2020**, 50-77		
1	Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. *Cerebral Cortex*, **2021**, 31, 2742-2758	5.1	