

Bryan Strange

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans.. <i>Scientific Reports</i> , 2022 , 12, 7834	4.9	0
61	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021 , 90, 701-713	7.9	10
60	A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. <i>Brain Stimulation</i> , 2021 , 14, 761-770	5.1	2
59	Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2021 , 31, 2742-2758	5.1	
58	Quantitative Longitudinal Predictions of Alzheimer's Disease by Multi-Modal Predictive Learning. <i>Journal of Alzheimers Disease</i> , 2021 , 79, 1533-1546	4.3	1
57	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	2.1	0
56	Neuroanatomical signature of super-ageing: Structural brain study of youthful episodic memory in people over the age of 80. <i>Alzheimers and Dementia</i> , 2020 , 16, e041915	1.2	1
55	APOE- ϵ 4 and hippocampal volume in the cognitively healthy elderly: Longitudinal analysis reveals origins of apparent cross-sectional differences. <i>Alzheimers and Dementia</i> , 2020 , 16, e042680	1.2	
54	Deep brain stimulation: Imaging on a group level. <i>NeuroImage</i> , 2020 , 219, 117018	7.9	29
53	Temporal dynamics of amygdala response to emotion- and action-relevance. <i>Scientific Reports</i> , 2020 , 10, 11138	4.9	8
52	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. <i>Nature Communications</i> , 2020 , 11, 3364	17.4	95
51	Rare and Unusual Dementias 2020 , 50-77		
50	Unmasking selective path integration deficits in Alzheimer's disease risk carriers. <i>Science Advances</i> , 2020 , 6, eaba1394	14.3	13
49	Emotional memory in bipolar disorder: Impact of multiple episodes and childhood trauma. <i>Journal of Affective Disorders</i> , 2020 , 260, 206-213	6.6	3
48	Human amygdala response to unisensory and multisensory emotion input: No evidence for superadditivity from intracranial recordings. <i>Neuropsychologia</i> , 2019 , 131, 9-24	3.2	2
47	Propofol-induced deep sedation reduces emotional episodic memory reconsolidation in humans. <i>Science Advances</i> , 2019 , 5, eaav3801	14.3	15
46	Action boosts episodic memory encoding in humans via engagement of a noradrenergic system. <i>Nature Communications</i> , 2019 , 10, 3534	17.4	13

45	Static magnetic field stimulation of the supplementary motor area modulates resting-state activity and motor behavior. <i>Communications Biology</i> , 2019 , 2, 397	6.7	8
44	Personalized striatal targets for deep brain stimulation in obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2019 , 12, 724-734	5.1	39
43	Transcranial static magnetic field stimulation (tSMS) of the visual cortex decreases experimental photophobia. <i>Cephalalgia</i> , 2018 , 38, 1493-1497	6.1	17
42	Static Magnetic Field Stimulation over Parietal Cortex Enhances Somatosensory Detection in Humans. <i>Journal of Neuroscience</i> , 2017 , 37, 3840-3847	6.6	31
41	[P3B90]: WHITE MATTER LOSS IN THE HEALTHY ELDERLY BRAIN INDICATIVE OF IMPENDING COGNITIVE DECLINE 2017 , 13, P1111-P1111		
40	A fast pathway for fear in human amygdala. <i>Nature Neuroscience</i> , 2016 , 19, 1041-9	25.5	178
39	Bidirectional synaptic plasticity can explain bidirectional retrograde effects of emotion on memory. <i>Behavioral and Brain Sciences</i> , 2016 , 39, e224	0.9	1
38	The multi-instrumentalist hippocampus: Comment on "The quartet theory of human emotions: An integrative and neurofunctional model" by S. Koelsch et al. <i>Physics of Life Reviews</i> , 2015 , 13, 85-6	2.1	4
37	Static Magnetic Field Stimulation over the Visual Cortex Increases Alpha Oscillations and Slows Visual Search in Humans. <i>Journal of Neuroscience</i> , 2015 , 35, 9182-93	6.6	66
36	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	6.6	31
35	Safety Study of Transcranial Static Magnetic Field Stimulation (tSMS) of the Human Cortex. <i>Brain Stimulation</i> , 2015 , 8, 481-5	5.1	30
34	Dynamic risk control by human nucleus accumbens. <i>Brain</i> , 2015 , 138, 3496-502	11.2	10
33	Alternative neural circuitry that might be impaired in the development of Alzheimer disease. <i>Frontiers in Neuroscience</i> , 2015 , 9, 145	5.1	5
32	An electroconvulsive therapy procedure impairs reconsolidation of episodic memories in humans. <i>Nature Neuroscience</i> , 2014 , 17, 204-6	25.5	134
31	Functional organization of the hippocampal longitudinal axis. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 655-69	13.5	844
30	Dopamine receptor 4 promoter polymorphism modulates memory and neuronal responses to salience. <i>NeuroImage</i> , 2014 , 84, 922-31	7.9	8
29	Dynamic gamma frequency feedback coupling between higher and lower order visual cortices underlies perceptual completion in humans. <i>NeuroImage</i> , 2014 , 86, 470-9	7.9	16
28	Aphasic seizures in patients with temporopolar and anterior temporobasal lesions: a video-EEG study. <i>Epilepsy and Behavior</i> , 2013 , 29, 172-7	3.2	14

27	Further rare and unusual dementias. <i>Advances in Psychiatric Treatment</i> , 2012 , 18, 67-77		3
26	Prefrontal-occipitoparietal coupling underlies late latency human neuronal responses to emotion. <i>Journal of Neuroscience</i> , 2011 , 31, 17278-86	6.6	88
25	Emotion causes targeted forgetting of established memories. <i>Frontiers in Behavioral Neuroscience</i> , 2010 , 4, 175	3.5	34
24	Peak frequency in the theta and alpha bands correlates with human working memory capacity. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 200	3.3	51
23	Beta-adrenergic blockade during memory retrieval in humans evokes a sustained reduction of declarative emotional memory enhancement. <i>Journal of Neuroscience</i> , 2010 , 30, 3959-63	6.6	58
22	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, 536-46	3.1	14
21	Emotion-induced retrograde amnesia is determined by a 5-HTT genetic polymorphism. <i>Journal of Neuroscience</i> , 2008 , 28, 7036-9	6.6	19
20	Noradrenergic neuromodulation of human attention for emotional and neutral stimuli. <i>Psychopharmacology</i> , 2008 , 197, 127-36	4.7	71
19	Beta-adrenergic modulation of oddball responses in humans. <i>Behavioral and Brain Functions</i> , 2007 , 3, 29	4.1	21
18	Memory fMRI in left hippocampal sclerosis: optimizing the approach to predicting postsurgical memory. <i>Neurology</i> , 2006 , 66, 699-705	6.5	105
17	Anterior medial temporal lobe in human cognition: memory for fear and the unexpected. <i>Cognitive Neuropsychiatry</i> , 2006 , 11, 198-218	2	31
16	Dissociating intentional learning from relative novelty responses in the medial temporal lobe. <i>NeuroImage</i> , 2005 , 25, 51-62	7.9	59
15	Information theory, novelty and hippocampal responses: unpredicted or unpredictable?. <i>Neural Networks</i> , 2005 , 18, 225-30	9.1	180
14	Beta-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, 11454-8	11.5	241
13	Encoding of emotional memories depends on amygdala and hippocampus and their interactions. <i>Nature Neuroscience</i> , 2004 , 7, 278-85	25.5	411
12	Pre-operative verbal memory fMRI predicts post-operative memory decline after left temporal lobe resection. <i>Brain</i> , 2004 , 127, 2419-26	11.2	155
11	An emotion-induced retrograde amnesia in humans is amygdala- and beta-adrenergic-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 13626-31	11.5	227
10	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. <i>NeuroImage</i> , 2003 , 20 Suppl 1, S112-9	7.9	97

9	Dissociable human perirhinal, hippocampal, and parahippocampal roles during verbal encoding. <i>Journal of Neuroscience</i> , 2002 , 22, 523-8	6.6	183
8	Automatic and intentional brain responses during evaluation of trustworthiness of faces. <i>Nature Neuroscience</i> , 2002 , 5, 277-83	25.5	791
7	Adaptive anterior hippocampal responses to oddball stimuli. <i>Hippocampus</i> , 2001 , 11, 690-8	3.5	95
6	Anterior prefrontal cortex mediates rule learning in humans. <i>Cerebral Cortex</i> , 2001 , 11, 1040-6	5.1	108
5	How does the brain sustain a visual percept?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 845-50	4.4	38
4	Brain mechanisms for detecting perceptual, semantic, and emotional deviance. <i>NeuroImage</i> , 2000 , 12, 425-33	7.9	110
3	Functional segregation within the human hippocampus. <i>Molecular Psychiatry</i> , 1999 , 4, 508-11	15.1	27
2	Segregating the functions of human hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 4034-9	11.5	275
1	Toward a unified connectomic target for deep brain stimulation in obsessive-compulsive disorder		3