

Rex Jung

List of Publications by Citations

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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.

88

papers

6,503

citations

40

h-index

80

g-index

90

ext. papers

7,533

ext. citations

4.8

avg, IF

5.75

L-index

#	Paper	IF	Citations
88	The Parieto-Frontal Integration Theory (P-FIT) of intelligence: converging neuroimaging evidence. <i>Behavioral and Brain Sciences</i> , 2007 , 30, 135-54; discussion 154-87	0.9	1052
87	Structural brain variation and general intelligence. <i>NeuroImage</i> , 2004 , 23, 425-33	7.9	421
86	Use of tissue water as a concentration reference for proton spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 1219-26	4.4	311
85	The neuroanatomy of general intelligence: sex matters. <i>NeuroImage</i> , 2005 , 25, 320-7	7.9	302
84	Effects of ketamine on anterior cingulate glutamate metabolism in healthy humans: a 4-T proton MRS study. <i>American Journal of Psychiatry</i> , 2005 , 162, 394-6	11.9	242
83	Distributed brain sites for the g-factor of intelligence. <i>NeuroImage</i> , 2006 , 31, 1359-65	7.9	223
82	The structure of creative cognition in the human brain. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 330	3.3	206
81	Neuroanatomy of creativity. <i>Human Brain Mapping</i> , 2010 , 31, 398-409	5.9	197
80	Neuroimaging creativity: a psychometric view. <i>Behavioural Brain Research</i> , 2010 , 214, 143-56	3.4	194
79	Metabolic and cognitive response to human traumatic brain injury: a quantitative proton magnetic resonance study. <i>Journal of Neurotrauma</i> , 2000 , 17, 629-40	5.4	166
78	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015 , 41, 1133-42	1.3	136
77	Personality and complex brain networks: The role of openness to experience in default network efficiency. <i>Human Brain Mapping</i> , 2016 , 37, 773-9	5.9	135
76	White matter integrity, creativity, and psychopathology: disentangling constructs with diffusion tensor imaging. <i>PLoS ONE</i> , 2010 , 5, e9818	3.7	130
75	Selective cognitive impairments associated with NMDA receptor blockade in humans. <i>Neuropsychopharmacology</i> , 2005 , 30, 633-9	8.7	129
74	¹ H-MRS at 4 tesla in minimally treated early schizophrenia. <i>Molecular Psychiatry</i> , 2010 , 15, 629-36	15.1	128
73	Cortical thickness correlates of specific cognitive performance accounted for by the general factor of intelligence in healthy children aged 6 to 18. <i>NeuroImage</i> , 2011 , 55, 1443-53	7.9	123
72	Correspondence between structure and function in the human brain at rest. <i>Frontiers in Neuroinformatics</i> , 2012 , 6, 10	3.9	119

71	MRI assessment of cortical thickness and functional activity changes in adolescent girls following three months of practice on a visual-spatial task. <i>BMC Research Notes</i> , 2009 , 2, 174	2.3	117
70	Sex differences in N-acetylaspartate correlates of general intelligence: an 1H-MRS study of normal human brain. <i>NeuroImage</i> , 2005 , 26, 965-72	7.9	109
69	Global white matter abnormalities in schizophrenia: a multisite diffusion tensor imaging study. <i>Schizophrenia Bulletin</i> , 2011 , 37, 222-32	1.3	103
68	Voxel-based morphometric multisite collaborative study on schizophrenia. <i>Schizophrenia Bulletin</i> , 2009 , 35, 82-95	1.3	102
67	A novel technique to study the brain's response to pain: proton magnetic resonance spectroscopy. <i>NeuroImage</i> , 2005 , 26, 642-6	7.9	99
66	General intelligence and memory span: evidence for a common neuroanatomic framework. <i>Cognitive Neuropsychology</i> , 2007 , 24, 867-78	2.3	90
65	Biochemical markers of cognition: a proton MR spectroscopy study of normal human brain. <i>NeuroReport</i> , 1999 , 10, 3327-31	1.7	74
64	Cognitive deficits in recent-onset and chronic schizophrenia. <i>Journal of Psychiatric Research</i> , 2010 , 44, 421-8	5.2	71
63	Functional brain networks contributing to the Parieto-Frontal Integration Theory of Intelligence. <i>NeuroImage</i> , 2014 , 103, 349-354	7.9	68
62	Proton magnetic resonance spectroscopy during initial treatment with antipsychotic medication in schizophrenia. <i>Neuropsychopharmacology</i> , 2008 , 33, 2456-66	8.7	65
61	Reduced left executive control network functional connectivity is associated with alcohol use disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 2445-53	3.7	63
60	Changes in intrinsic functional brain networks following blast-induced mild traumatic brain injury. <i>Brain Injury</i> , 2013 , 27, 1304-10	2.1	62
59	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017 , 15, 343-364	3.2	59
58	Magnetic resonance spectroscopy detects brain injury and predicts cognitive functioning in children with brain injuries. <i>Journal of Neurotrauma</i> , 2006 , 23, 1427-35	5.4	57
57	Libman-Sacks endocarditis and embolic cerebrovascular disease. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 973-83	8.4	53
56	Biochemical support for the "threshold" theory of creativity: a magnetic resonance spectroscopy study. <i>Journal of Neuroscience</i> , 2009 , 29, 5319-25	6.6	53
55	Age changes in dream recall in adulthood.. <i>Dreaming</i> , 1996 , 6, 17-31	6	46
54	Sex differences in the relationship between white matter connectivity and creativity. <i>NeuroImage</i> , 2014 , 101, 380-9	7.9	44

53	Transcranial direct current stimulation's effect on novice versus experienced learning. <i>Experimental Brain Research</i> , 2011 , 213, 9-14	2.3	43
52	Effects of chronic haloperidol and clozapine treatments on frontal and caudate neurochemistry in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 107, 135-49	2.9	43
51	Test-retest reliability and reproducibility of short-echo-time spectroscopic imaging of human brain at 3T. <i>Magnetic Resonance in Medicine</i> , 2011 , 66, 324-32	4.4	42
50	Diffusion tensor imaging in neuropsychiatric systemic lupus erythematosus. <i>BMC Neurology</i> , 2010 , 10, 65	3.1	41
49	Cortical thickness and subcortical gray matter reductions in neuropsychiatric systemic lupus erythematosus. <i>PLoS ONE</i> , 2010 , 5, e9302	3.7	40
48	Subcortical intelligence: caudate volume predicts IQ in healthy adults. <i>Human Brain Mapping</i> , 2015 , 36, 1407-16	5.9	39
47	Using joint ICA to link function and structure using MEG and DTI in schizophrenia. <i>NeuroImage</i> , 2013 , 83, 418-30	7.9	38
46	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. <i>Cerebral Cortex</i> , 2020 , 30, 888-900	5.1	38
45	Does function follow form?: methods to fuse structural and functional brain images show decreased linkage in schizophrenia. <i>NeuroImage</i> , 2010 , 49, 2626-37	7.9	36
44	Modeling conflict and error in the medial frontal cortex. <i>Human Brain Mapping</i> , 2012 , 33, 2843-55	5.9	35
43	The histopathologic associates of neurometabolite abnormalities in fatal neuropsychiatric systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2055-63		34
42	Evolution, creativity, intelligence, and madness: "Here Be Dragons". <i>Frontiers in Psychology</i> , 2014 , 5, 784	3.4	30
41	White matter correlates of neuropsychological dysfunction in systemic lupus erythematosus. <i>PLoS ONE</i> , 2012 , 7, e28373	3.7	29
40	Graph Metrics of Structural Brain Networks in Individuals with Schizophrenia and Healthy Controls: Group Differences, Relationships with Intelligence, and Genetics. <i>Journal of the International Neuropsychological Society</i> , 2016 , 22, 240-9	3.1	28
39	Quantity yields quality when it comes to creativity: a brain and behavioral test of the equal-odds rule. <i>Frontiers in Psychology</i> , 2015 , 6, 864	3.4	27
38	Moving beyond intelligence in the revision of ICD-10: specific cognitive functions in intellectual developmental disorders. <i>World Psychiatry</i> , 2014 , 13, 93-4	14.4	25
37	Brain Imaging Studies of Intelligence and Creativity: What is the Picture for Education?. <i>Roeper Review</i> , 2008 , 30, 171-180	1.4	25
36	Hemispheric asymmetries in cortical gray matter microstructure identified by neurite orientation dispersion and density imaging. <i>NeuroImage</i> , 2019 , 189, 667-675	7.9	23

35	Biochemical markers of mood: a proton magnetic resonance spectroscopy study of normal human brain. <i>Biological Psychiatry</i> , 2002 , 51, 224-9	7.9	23
34	Connectivity-based whole brain dual parcellation by group ICA reveals tract structures and decreased connectivity in schizophrenia. <i>Human Brain Mapping</i> , 2015 , 36, 4681-701	5.9	21
33	Constrained source-based morphometry identifies structural networks associated with default mode network. <i>Brain Connectivity</i> , 2012 , 2, 33-43	2.7	21
32	MRI morphometric and neuropsychological correlates of long-term memory in survivors of childhood leukemia. <i>Pediatric Blood and Cancer</i> , 2004 , 42, 611-7	3	18
31	Fronto-Parietal gray matter and white matter efficiency differentially predict intelligence in males and females. <i>Human Brain Mapping</i> , 2016 , 37, 4006-4016	5.9	17
30	Structural correlates of Openness and Intellect: Implications for the contribution of personality to creativity. <i>Human Brain Mapping</i> , 2018 , 39, 2987-2996	5.9	16
29	Beautiful minds (i.e., brains) and the neural basis of intelligence. <i>Behavioral and Brain Sciences</i> , 2007 , 30, 174-178	0.9	16
28	Real-time presurgical resting-state fMRI in patients with brain tumors: Quality control and comparison with task-fMRI and intraoperative mapping. <i>Human Brain Mapping</i> , 2020 , 41, 797-814	5.9	16
27	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1979-1993	4.1	16
26	Reliable activation to novel stimuli predicts higher fluid intelligence. <i>NeuroImage</i> , 2015 , 114, 311-9	7.9	15
25	Neuropsychiatric systemic lupus erythematosus. <i>Comprehensive Therapy</i> , 1999 , 25, 198-208		15
24	Risk-Conferring Glutamatergic Genes and Brain Glutamate Plus Glutamine in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 79	5	14
23	Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 179	5	14
22	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019 , 45, 222-232	1.3	14
21	Brain biochemistry and personality: a magnetic resonance spectroscopy study. <i>PLoS ONE</i> , 2011 , 6, e267587	3.7	13
20	A New Measure of Imagination Ability: Anatomical Brain Imaging Correlates. <i>Frontiers in Psychology</i> , 2016 , 7, 496	3.4	13
19	2013 ,		10
18	A High-Throughput Pipeline Identifies Robust Connectomes But Troublesome Variability		10

17	Subcortical correlates of individual differences in aptitude. <i>PLoS ONE</i> , 2014 , 9, e89425	3.7	9
16	Neuroanatomy of creative achievement. <i>NeuroImage</i> , 2020 , 209, 116487	7.9	7
15	A comment on Fractionating Intelligence and the peer review process. <i>Intelligence</i> , 2014 , 46, 323-332	3	6
14	White matter correlates of creative cognition in a normal cohort. <i>NeuroImage</i> , 2020 , 208, 116293	7.9	6
13	Three individual difference constructs, one converging concept: adaptive problem solving in the human brain. <i>Current Opinion in Behavioral Sciences</i> , 2019 , 27, 163-168	4	5
12	Neural underpinnings of divergent production of rules in numerical analogical reasoning. <i>Biological Psychology</i> , 2016 , 117, 170-178	3.2	5
11	Resting state functional connectivity underlying musical creativity. <i>NeuroImage</i> , 2020 , 218, 116940	7.9	4
10	Yes, but flaws remain. <i>Intelligence</i> , 2014 , 46, 341-344	3	4
9	Correlation of neurocognitive function and brain lesion load on magnetic resonance imaging in systemic lupus erythematosus. <i>Rheumatology International</i> , 2018 , 38, 1539-1546	3.6	3
8	Differences in brain activity patterns during creative idea generation between eminent and non-eminent thinkers. <i>NeuroImage</i> , 2020 , 220, 117011	7.9	2
7	Libman-Sacks endocarditis and associated cerebrovascular disease: The role of medical therapy. <i>PLoS ONE</i> , 2021 , 16, e0247052	3.7	2
6	Differences in brain morphometry associated with creative performance in high- and average-creative achievers. <i>NeuroImage</i> , 2020 , 218, 116921	7.9	1
5	The Psychometric Brain. <i>Psychological Inquiry</i> , 2016 , 27, 218-219	2	1
4	Segmental reorganization of the leg primary motor area. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020 , 21, 100763	0.5	
3	Subcortical contributions to higher cognitive function in tumour patients undergoing awake craniotomy. <i>Brain Communications</i> , 2020 , 2, fcaa084	4.5	
2	Cognitive specialization for verbal vs. spatial ability in men and women: Neural and behavioral correlates. <i>Personality and Individual Differences</i> , 2016 , 102, 60-67	3.3	
1	Intellectual Disability/Intellectual Developmental Disorder 2022 , 1-49		