

Jrgen Hnggi

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.

67
papers

3,456
citations

32
h-index

58
g-index

68
ext. papers

4,114
ext. citations

5.7
avg, IF

5.29
L-index

#	Paper	IF	Citations
67	Common Kibra alleles are associated with human memory performance. <i>Science</i> , 2006 , 314, 475-8	33.3	342
66	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15468-73	11.5	335
65	Functional brain network efficiency predicts intelligence. <i>Human Brain Mapping</i> , 2012 , 33, 1393-406	5.9	188
64	Resting-state functional and structural connectivity within an insula-amygdala route specifically index state and trait anxiety. <i>Biological Psychiatry</i> , 2013 , 73, 85-92	7.9	172
63	Structural neuroplasticity in the sensorimotor network of professional female ballet dancers. <i>Human Brain Mapping</i> , 2010 , 31, 1196-206	5.9	169
62	Brain size, sex, and the aging brain. <i>Human Brain Mapping</i> , 2015 , 36, 150-69	5.9	143
61	The architecture of the golfer's brain. <i>PLoS ONE</i> , 2009 , 4, e4785	3.7	131
60	Globally altered structural brain network topology in grapheme-color synesthesia. <i>Journal of Neuroscience</i> , 2011 , 31, 5816-28	6.6	102
59	The hypothesis of neuronal interconnectivity as a function of brain size-a general organization principle of the human connectome. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 915	3.3	93
58	Altered limbic and autonomic processing supports brain-heart axis in Takotsubo syndrome. <i>European Heart Journal</i> , 2019 , 40, 1183-1187	9.5	88
57	The neuroanatomy of grapheme-color synesthesia. <i>European Journal of Neuroscience</i> , 2009 , 29, 1287-93	3.5	85
56	The desire for healthy limb amputation: structural brain correlates and clinical features of xenomelia. <i>Brain</i> , 2013 , 136, 318-29	11.2	81
55	Cortical surface area and cortical thickness demonstrate differential structural asymmetry in auditory-related areas of the human cortex. <i>Cerebral Cortex</i> , 2014 , 24, 2541-52	5.1	73
54	The multiple synaesthete E.S.: neuroanatomical basis of interval-taste and tone-colour synaesthesia. <i>NeuroImage</i> , 2008 , 43, 192-203	7.9	72
53	Sexual dimorphism in the parietal substrate associated with visuospatial cognition independent of general intelligence. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 139-55	3.1	70
52	Evidence of frontotemporal structural hypoconnectivity in social anxiety disorder: A quantitative fiber tractography study. <i>Human Brain Mapping</i> , 2013 , 34, 437-46	5.9	61
51	Increased cortical surface area of the left planum temporale in musicians facilitates the categorization of phonetic and temporal speech sounds. <i>Cortex</i> , 2013 , 49, 2812-21	3.8	61

50	White matter alterations in social anxiety disorder. <i>Journal of Psychiatric Research</i> , 2011 , 45, 1366-72	5.2	58
49	Processing demands upon cognitive, linguistic, and articulatory functions promote grey matter plasticity in the adult multilingual brain: Insights from simultaneous interpreters. <i>Cortex</i> , 2014 , 54, 179-89 ⁸	3.8	57
48	Calmodulin-binding transcription activator 1 (CAMTA1) alleles predispose human episodic memory performance. <i>Human Molecular Genetics</i> , 2007 , 16, 1469-77	5.6	55
47	The "silent" imprint of musical training. <i>Human Brain Mapping</i> , 2016 , 37, 536-46	5.9	54
46	Increased cortical thickness in a frontoparietal network in social anxiety disorder. <i>Human Brain Mapping</i> , 2014 , 35, 2966-77	5.9	51
45	Diminished whole-brain but enhanced peri-sylvian connectivity in absolute pitch musicians. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 1447-61	3.1	48
44	Differential language expertise related to white matter architecture in regions subserving sensory-motor coupling, articulation, and interhemispheric transfer. <i>Human Brain Mapping</i> , 2011 , 32, 2064-74	5.9	46
43	Unconscious relational encoding depends on hippocampus. <i>Brain</i> , 2014 , 137, 3355-70	11.2	42
42	Takotsubo Syndrome Associated With Structural Brain Alterations of the Limbic System. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 809-811	15.1	41
41	The architecture of the chess player's brain. <i>Neuropsychologia</i> , 2014 , 62, 152-62	3.2	40
40	Developmental dyscalculia: a dysconnection syndrome?. <i>Brain Structure and Function</i> , 2014 , 219, 1721-33 ⁴		39
39	Prefrontal thinning affects functional connectivity and regional homogeneity of the anterior cingulate cortex in depression. <i>Neuropsychopharmacology</i> , 2015 , 40, 1640-8	8.7	39
38	Anterior cingulate volume predicts response to psychotherapy and functional connectivity with the inferior parietal cortex in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2018 , 28, 138-148 ^{1,2}	14.8	38
37	Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 280	3.3	36
36	Volumes of lateral temporal and parietal structures distinguish between healthy aging, mild cognitive impairment, and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 26, 719-34	4.3	33
35	Disease severity is correlated to tract specific changes of fractional anisotropy in MD and CM thalamus—a DTI study in major depressive disorder. <i>Journal of Affective Disorders</i> , 2013 , 149, 116-28	6.6	31
34	Identification of individual subjects on the basis of their brain anatomical features. <i>Scientific Reports</i> , 2018 , 8, 5611	4.9	30
33	Structural brain correlates associated with professional handball playing. <i>PLoS ONE</i> , 2015 , 10, e0124222 ^{3,7}	3.7	29

32	Interhemispheric transcallosal connectivity between the left and right planum temporale predicts musicianship, performance in temporal speech processing, and functional specialization. <i>Brain Structure and Function</i> , 2016 , 221, 331-44	4	27
31	Structural brain correlates of delay of gratification in the elderly. <i>Behavioral Neuroscience</i> , 2014 , 128, 134-45	2.1	26
30	Longitudinal changes in cocaine intake and cognition are linked to cortical thickness adaptations in cocaine users. <i>NeuroImage: Clinical</i> , 2019 , 21, 101652	5.3	24
29	Takotsubo Syndrome - Predictable from brain imaging data. <i>Scientific Reports</i> , 2017 , 7, 5434	4.9	23
28	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 127	3.3	22
27	Differences in Cortical Representation and Structural Connectivity of Hands and Feet between Professional Handball Players and Ballet Dancers. <i>Neural Plasticity</i> , 2016 , 2016, 6817397	3.3	21
26	Fornix Under Water? Ventricular Enlargement Biases Forniceal Diffusion Magnetic Resonance Imaging Indices in Anorexia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 430-437	3.4	20
25	Structural and functional hyperconnectivity within the sensorimotor system in xenomelia. <i>Brain and Behavior</i> , 2017 , 7, e00657	3.4	20
24	Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , 2017 , 34, 3270-3279	5.4	20
23	Differential Neural Processing during Motor Imagery of Daily Activities in Chronic Low Back Pain Patients. <i>PLoS ONE</i> , 2015 , 10, e0142391	3.7	20
22	MRI with and without a high-density EEG cap--what makes the difference?. <i>NeuroImage</i> , 2015 , 106, 189-97.9	17	17
21	Limb amputation and other disability desires as a medical condition. <i>Lancet Psychiatry</i> , 2016 , 3, 1176-1186	15	15
20	Neural Correlates of Body Integrity Dysphoria. <i>Current Biology</i> , 2020 , 30, 2191-2195.e3	6.3	14
19	Reply to Del Giudice et al., Chekroud et al., and Rosenblatt: Do brains of females and males belong to two distinct populations?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1969-70	11.5	14
18	Identifying with fictive characters: structural brain correlates of the personality trait FantasyT. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 1836-44	4	14
17	Shape alterations of basal ganglia and thalamus in xenomelia. <i>NeuroImage: Clinical</i> , 2016 , 11, 760-769	5.3	14
16	Brain activity elicited by viewing pictures of the own virtually amputated body predicts xenomelia. <i>Neuropsychologia</i> , 2018 , 108, 135-146	3.2	14
15	Cortical thickness of left Heschl's gyrus correlates with hearing acuity in adults - A surface-based morphometry study. <i>Hearing Research</i> , 2019 , 384, 107823	3.9	12

14	Age influences structural brain restoration during weight gain therapy in anorexia nervosa. <i>Translational Psychiatry</i> , 2020 , 10, 126	8.6	11
13	Prion protein M129V polymorphism affects retrieval-related brain activity. <i>Neuropsychologia</i> , 2008 , 46, 2389-402	3.2	11
12	Strength of Structural and Functional Fronto-striatal Connectivity Predicts Self-Control in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 307	5.3	10
11	Anatomical integrity within the inferior fronto-occipital fasciculus and semantic processing deficits in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2020 , 218, 267-275	3.6	9
10	Being in two minds: the neural basis of experiencing action crises in personal long-term goals. <i>Social Neuroscience</i> , 2014 , 9, 548-61	2	9
9	The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. <i>NeuroImage</i> , 2020 , 211, 116590	7.9	8
8	Tracking the microstructural properties of the main white matter pathways underlying speech processing in simultaneous interpreters. <i>NeuroImage</i> , 2019 , 191, 518-528	7.9	5
7	Cortical Volume Differences in Subjects at Risk for Psychosis Are Driven by Surface Area. <i>Schizophrenia Bulletin</i> , 2020 , 46, 1511-1519	1.3	5
6	Reply to Glezerman: Why differences between brains of females and brains of males do not "add up" to create two types of brains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1972	11.5	5
5	A CYP46 T/C SNP modulates parahippocampal and hippocampal morphology in young subjects. <i>Neurobiology of Aging</i> , 2011 , 32, 1023-32	5.6	5
4	Takotsubo syndrome: How the broken heart deals with negative emotions. <i>NeuroImage: Clinical</i> , 2020 , 25, 102124	5.3	3
3	Does local cerebellar volume predict treatment success in anorexia nervosa?. <i>Psychiatry Research - Neuroimaging</i> , 2021 , 317, 111355	2.9	3
2	Insular volume reductions in patients with major depressive disorder. <i>Neurology Psychiatry and Brain Research</i> , 2019 , 33, 39-47	2.1	1
1	Magnetic Resonance Imaging-Based Neuromorphometry in Single Patients [Zeitschrift für Neuropsychologie = Journal of Neuropsychology], 2012 , 23, 81-96	0.5	1