

Simone Khn

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.

279
papers

8,735
citations

54
h-index

81
g-index

327
ext. papers

10,901
ext. citations

5.2
avg, IF

6.63
L-index

#	Paper	IF	Citations
279	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease.. <i>Scientific Reports</i> , 2022 , 12, 1581	4.9	0
278	Evidence for distinct neuro-metabolic phenotypes in humans.. <i>NeuroImage</i> , 2022 , 249, 118902	7.9	0
277	Testing the Biophilia theory: Automatic approach tendencies towards nature. <i>Journal of Environmental Psychology</i> , 2022 , 79, 101725	6.7	4
276	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme.. <i>European Heart Journal</i> , 2022 ,	9.5	21
275	On the relation between a green and bright window view and length of hospital stay in affective disorders.. <i>European Psychiatry</i> , 2022 , 1-22	6	0
274	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 782738	5.3	0
273	No Evidence for a Boost in Psychosocial Functioning in Older Age After a 6-Months Physical Exercise Intervention.. <i>Frontiers in Human Neuroscience</i> , 2022 , 16, 825454	3.3	0
272	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract.. <i>NeuroImage</i> , 2022 , 251, 119022	7.9	0
271	Effects of a multi-strain probiotic on hippocampal structure and function, cognition, and emotional well-being in healthy individuals: a double-blind randomised-controlled trial.. <i>Psychological Medicine</i> , 2022 , 1-11	6.9	0
270	Do I look like I'm sure?: Partial metacognitive access to the low-level aspects of one's own facial expressions.. <i>Cognition</i> , 2022 , 225, 105155	3.5	0
269	Estimations of the weather effects on brain functions using functional MRI: A cautionary note.. <i>Human Brain Mapping</i> , 2022 ,	5.9	1
268	Neuroplasticity 2021 , 69-83		0
267	Individual variations in 'brain age' relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021 , 10,	8.9	11
266	Extreme environments for understanding brain and cognition. <i>Trends in Cognitive Sciences</i> , 2021 ,	14	3
265	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline-Results From the Lifebrian Consortium. <i>Cerebral Cortex</i> , 2021 , 31, 1953-1969	5.1	5
264	A longitudinal, randomized experimental pilot study to investigate the effects of airborne ultrasound on human mental health, cognition, and brain structure. <i>Scientific Reports</i> , 2021 , 11, 5814	4.9	0
263	Durable memories and efficient neural coding through mnemonic training using the method of loci. <i>Science Advances</i> , 2021 , 7,	14.3	4

262	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. <i>Neurobiology of Aging</i> , 2021 , 100, 72-82	5.6	7
261	The brain at war: effects of stress on brain structure in soldiers deployed to a war zone. <i>Translational Psychiatry</i> , 2021 , 11, 247	8.6	3
260	Educational attainment does not influence brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	15
259	Delayed access to conscious processing in multiple sclerosis: Reduced cortical activation and impaired structural connectivity. <i>Human Brain Mapping</i> , 2021 , 42, 3379-3395	5.9	1
258	Autoantibody-associated psychiatric syndromes in children: link to adult psychiatry. <i>Journal of Neural Transmission</i> , 2021 , 128, 735-747	4.3	1
257	Location, Location, Location: The Role of Objective Neighborhood Characteristics for Perceptions of Control. <i>Gerontology</i> , 2021 , 1-10	5.5	1
256	Methodology of measuring postoperative cognitive dysfunction: a systematic review. <i>British Journal of Anaesthesia</i> , 2021 , 126, 1119-1127	5.4	9
255	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021 , 10,	8.9	3
254	Spend time outdoors for your brain - an in-depth longitudinal MRI study. <i>World Journal of Biological Psychiatry</i> , 2021 , 1-7	3.8	2
253	Do implicit measures improve suicide risk prediction? An 18-month prospective study using different tasks. <i>Suicide and Life-Threatening Behavior</i> , 2021 , 51, 993-1004	3.9	
252	Implicit bias to food and body cues in eating disorders: a systematic review. <i>Eating and Weight Disorders</i> , 2021 , 26, 1303-1321	3.6	8
251	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. <i>Cerebral Cortex</i> , 2021 , 31, 1464-1477	5.1	4
250	Cognitive enhancement effects of stimulants: a randomized controlled trial testing methylphenidate, modafinil, and caffeine. <i>Psychopharmacology</i> , 2021 , 238, 441-451	4.7	8
249	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. <i>Cerebral Cortex Communications</i> , 2021 , 2, tgab008	1.9	0
248	A dismantling study on imaginal retraining in smokers. <i>Translational Psychiatry</i> , 2021 , 11, 92	8.6	1
247	Brain functional connectivity differs when viewing pictures from natural and built environments using fMRI resting state analysis. <i>Scientific Reports</i> , 2021 , 11, 4110	4.9	1
246	Effects of exposure to immersive videos and photo slideshows of forest and urban environments. <i>Scientific Reports</i> , 2021 , 11, 3994	4.9	15
245	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. <i>Nature Communications</i> , 2021 , 12, 721	17.4	11

244	A longitudinal, randomized experimental pilot study to investigate the effects of airborne infrasound on human mental health, cognition, and brain structure. <i>Scientific Reports</i> , 2021 , 11, 3190	4.9	2
243	Brains in space: the importance of understanding the impact of long-duration spaceflight on spatial cognition and its neural circuitry. <i>Cognitive Processing</i> , 2021 , 22, 105-114	1.5	3
242	The Thought From the Machine: Neural Basis of Thoughts With a Coherent and Diminished Sense of Authorship. <i>Schizophrenia Bulletin</i> , 2021 , 47, 1631-1641	1.3	0
241	Is Ejaculation Frequency in Men Related to General and Mental Health? Looking Back and Looking Forward. <i>Frontiers in Psychology</i> , 2021 , 12, 693121	3.4	
240	A dismantling study on imaginal retraining in overweight or obese women. <i>Translational Psychiatry</i> , 2021 , 11, 481	8.6	0
239	Imaginal Retraining Reduces Craving for Tobacco in 1-Year Controlled Follow-Up Study. <i>European Addiction Research</i> , 2021 , 1-12	4.6	0
238	Comparison of different response devices to assess behavioral tendencies towards chocolate in the approach-avoidance task. <i>Appetite</i> , 2021 , 165, 105294	4.5	3
237	Urban green is more than the absence of city: Structural and functional neural basis of urbanicity and green space in the neighbourhood of older adults. <i>Landscape and Urban Planning</i> , 2021 , 214, 104196	7.7	0
236	Memory enhancement with stimulants: Differential neural effects of methylphenidate, modafinil, and caffeine. A pilot study. <i>Brain and Cognition</i> , 2021 , 154, 105802	2.7	
235	Too hot to handle: Mood states moderate implicit approach vs. avoidance tendencies toward food cues in patients with obesity and active binge eating disorder. <i>Journal of Psychiatric Research</i> , 2021 , 143, 302-308	5.2	1
234	Structural signature of trauma: white matter volume in right inferior frontal gyrus is positively associated with use of expressive suppression in recently traumatized individuals. <i>Högre Utbildning</i> , 2021 , 12, 1837512	5	2
233	Trauma, treatment and Tetris: video gaming increases hippocampal volume in male patients with combat-related posttraumatic stress disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 279-287	4.5	11
232	Dynamic reconfiguration of functional brain networks during working memory training. <i>Nature Communications</i> , 2020 , 11, 2435	17.4	43
231	Spatial Updating Depends on Gravity. <i>Frontiers in Neural Circuits</i> , 2020 , 14, 20	3.5	8
230	The Effects of Virtual Audience Size on Social Anxiety during Public Speaking 2020 ,		5
229	A randomized controlled trial of a virtual reality based, approach-avoidance training program for alcohol use disorder: a study protocol. <i>BMC Psychiatry</i> , 2020 , 20, 340	4.2	4
228	Reduced Resting-State Connectivity in the Precuneus is correlated with Apathy in Patients with Schizophrenia. <i>Scientific Reports</i> , 2020 , 10, 2616	4.9	7
227	Lifestyle Variables Do Not Predict Subjective Memory Performance Over and Above Depression and Anxiety. <i>Frontiers in Psychology</i> , 2020 , 11, 484	3.4	3

226	REM sleep in acutely traumatized individuals and interventions for the secondary prevention of post-traumatic stress disorder. <i>Høre Utbildning</i> , 2020 , 11, 1740492	5	3
225	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. <i>Scientific Reports</i> , 2020 , 10, 1207	4.9	2
224	Rationale and Design of the Hamburg City Health Study. <i>European Journal of Epidemiology</i> , 2020 , 35, 169-181	12.1	30
223	Verbal insight revisited: fMRI evidence for early processing in bilateral insulae for solutions with AHA! experience shortly after trial onset. <i>Human Brain Mapping</i> , 2020 , 41, 30-45	5.9	11
222	Inferior frontal gyrus involvement during search and solution in verbal creative problem solving: A parametric fMRI study. <i>NeuroImage</i> , 2020 , 206, 116294	7.9	12
221	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. <i>Cerebral Cortex</i> , 2020 , 30, 2465-2477	5.1	6
220	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020 , 43,	1.1	21
219	I know that I know nothing: Cortical thickness and functional connectivity underlying meta-ignorance ability in pre-schoolers. <i>Developmental Cognitive Neuroscience</i> , 2020 , 41, 100738	5.5	8
218	Dual n-back training improves functional connectivity of the right inferior frontal gyrus at rest. <i>Scientific Reports</i> , 2020 , 10, 20379	4.9	1
217	Autoantibody-associated psychiatric symptoms and syndromes in adults: A narrative review and proposed diagnostic approach. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 9, 100154	5.1	14
216	Brain structure and habitat: Do the brains of our children tell us where they have been brought up?. <i>NeuroImage</i> , 2020 , 222, 117225	7.9	3
215	Exercise-induced changes in brain activity during memory encoding and retrieval after long-term bed rest. <i>NeuroImage</i> , 2020 , 223, 117359	7.9	10
214	Verbal insight revisited Dissociable neurocognitive processes underlying solutions accompanied by an AHA! experience with and without prior restructuring. <i>Journal of Cognitive Psychology</i> , 2020 , 1-26	0.9	1
213	Imaginal Retraining Reduces Cigarette Smoking: A Randomized Controlled Study. <i>European Addiction Research</i> , 2020 , 26, 355-364	4.6	4
212	Virtual reality-based treatment for regaining upper extremity function induces cortex grey matter changes in persons with acquired brain injury. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020 , 17, 127	5.3	5
211	Quantifying insightful problem solving: a modified compound remote associates paradigm using lexical priming to parametrically modulate different sources of task difficulty. <i>Psychological Research</i> , 2020 , 84, 528-545	2.5	14
210	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. <i>Addictive Behaviors</i> , 2020 , 100, 106130	4.2	2
209	Rostral locus coeruleus integrity is associated with better memory performance in older adults. <i>Nature Human Behaviour</i> , 2019 , 3, 1203-1214	12.8	57

208	Structural Brain Correlates of Loneliness among Older Adults. <i>Scientific Reports</i> , 2019 , 9, 13569	4.9	23
207	Does airborne ultrasound lead to activation of the auditory cortex?. <i>Biomedizinische Technik</i> , 2019 , 64, 481-493	1.3	5
206	A self-guided Internet-based intervention for individuals with gambling problems: study protocol for a randomized controlled trial. <i>Trials</i> , 2019 , 20, 74	2.8	3
205	Identifying predictors of within-person variance in MRI-based brain volume estimates. <i>NeuroImage</i> , 2019 , 200, 575-589	7.9	16
204	Reliable local dynamics in the brain across sessions are revealed by whole-brain modeling of resting state activity. <i>Human Brain Mapping</i> , 2019 , 40, 2967-2980	5.9	19
203	Influence of nutritional tyrosine on cognition and functional connectivity in healthy old humans. <i>NeuroImage</i> , 2019 , 193, 139-145	7.9	7
202	Imaginal retraining reduces alcohol craving in problem drinkers: A randomized controlled trial. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2019 , 64, 158-166	2.6	6
201	The association between frailty and MRI features of cerebral small vessel disease. <i>Scientific Reports</i> , 2019 , 9, 11343	4.9	19
200	New Graph-Theoretical-Multimodal Approach Using Temporal and Structural Correlations Reveals Disruption in the Thalamo-Cortical Network in Patients with Schizophrenia. <i>Brain Connectivity</i> , 2019 , 9, 760-769	2.7	1
199	Stereoscopic Rendering Goggles Elicits Higher Functional Connectivity During Virtual Reality Gaming. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 365	3.3	6
198	Deductive development and validation of a questionnaire to assess sensitivity to very low and very high frequency sounds: SISUS-Q (Sensitivity to Infra-Sound and Ultra-Sound Questionnaire). <i>Noise and Health</i> , 2019 , 21, 173-182	0.9	2
197	Effects of computer gaming on cognition, brain structure, and function: a critical reflection on existing literature?. <i>Dialogues in Clinical Neuroscience</i> , 2019 , 21, 319-330	5.7	11
196	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. <i>NeuroSignals</i> , 2019 , 27, 12-24	1.9	10
195	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , 2019 , 8,	8.9	11
194	Imaginal retraining decreases craving for high-calorie food in overweight and obese women: A randomized controlled trial. <i>Translational Psychiatry</i> , 2019 , 9, 319	8.6	3
193	Brain Changes in Response to Long Antarctic Expeditions. <i>New England Journal of Medicine</i> , 2019 , 381, 2273-2275	59.2	33
192	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019 , 3, 2-29	2.4	91
191	Hacking the Brain: Dimensions of Cognitive Enhancement. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 1137-1148	3.7	32

190	Impact of Intraoperative Hyperglycemia on Brain Structures and Volumes. <i>Journal of Neuroimaging</i> , 2019 , 29, 260-267	2.8	2
189	Does playing violent video games cause aggression? A longitudinal intervention study. <i>Molecular Psychiatry</i> , 2019 , 24, 1220-1234	15.1	79
188	Cognitive Reappraisal and Expressive Suppression of Negative Emotion in Combat-Related Posttraumatic Stress Disorder: A Functional MRI Study. <i>Cognitive Therapy and Research</i> , 2019 , 43, 236-246	2.7	10
187	Within-person adaptivity in frugal judgments from memory. <i>Psychological Research</i> , 2019 , 83, 613-630	2.5	4
186	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. <i>Psychological Research</i> , 2019 , 83, 1097-1106	2.5	12
185	Community violence exposure correlates with smaller gray matter volume and lower IQ in urban adolescents. <i>Human Brain Mapping</i> , 2018 , 39, 2088-2097	5.9	20
184	Hippocampal gray matter increases following multimodal psychological treatment for combat-related post-traumatic stress disorder. <i>Brain and Behavior</i> , 2018 , 8, e00956	3.4	7
183	The Myth of Blunted Gamers: No Evidence for Desensitization in Empathy for Pain after a Violent Video Game Intervention in a Longitudinal fMRI Study on Non-Gamers. <i>NeuroSignals</i> , 2018 , 26, 22-30	1.9	12
182	Physical neglect during childhood alters white matter connectivity in healthy young males. <i>Human Brain Mapping</i> , 2018 , 39, 1283-1290	5.9	30
181	Personalized risk prediction of postoperative cognitive impairment - Rationale for the EU-funded BioCog project. <i>European Psychiatry</i> , 2018 , 50, 34-39	6	32
180	Behavioral, Modeling, and Electrophysiological Evidence for Supramodality in Human Metacognition. <i>Journal of Neuroscience</i> , 2018 , 38, 263-277	6.6	46
179	Fighting Depression: Action Video Game Play May Reduce Rumination and Increase Subjective and Objective Cognition in Depressed Patients. <i>Frontiers in Psychology</i> , 2018 , 9, 129	3.4	32
178	Neural correlates of response bias: Larger hippocampal volume correlates with symptom aggravation in combat-related posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 279, 1-7	2.9	5
177	Variability and reliability of effective connectivity within the core default mode network: A multi-site longitudinal spectral DCM study. <i>NeuroImage</i> , 2018 , 183, 757-768	7.9	31
176	Size matters: Grey matter brain reserve predicts executive functioning in the elderly. <i>Neuropsychologia</i> , 2018 , 119, 172-181	3.2	10
175	Assessing reliability in neuroimaging research through intra-class effect decomposition (ICED). <i>ELife</i> , 2018 , 7,	8.9	29
174	Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2018 , 31, 127-136	1	3
173	Psychological and neural correlates of embitterment in old age. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2018 , 10, 51-57	7.8	7

172	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. <i>Human Brain Mapping</i> , 2018 , 39, 916-931	5.9	19
171	How (not) to increase older adults' tendency to anthropomorphise in serious games. <i>PLoS ONE</i> , 2018 , 13, e0199948	3.7	4
170	Investigating Multiple Streams of Consciousness: Using Descriptive Experience Sampling to Explore Internally and Externally Directed Streams of Thought. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 494	3.3	6
169	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. <i>NeuroImage</i> , 2018 , 178, 238-254	7.9	22
168	Muslims Love Jesus, Too? Corrective Information Alters Prejudices Against Islam. <i>Pastoral Psychology</i> , 2017 , 66, 65-77	0.6	4
167	Disruption of Reward Processing in Addiction : An Image-Based Meta-analysis of Functional Magnetic Resonance Imaging Studies. <i>JAMA Psychiatry</i> , 2017 , 74, 387-398	14.5	214
166	Towards a neurochemical profile of the amygdala using short-TE H magnetic resonance spectroscopy at 3T. <i>NMR in Biomedicine</i> , 2017 , 30, e3685	4.4	5
165	Military deployment correlates with smaller prefrontal gray matter volume and psychological symptoms in a subclinical population. <i>Translational Psychiatry</i> , 2017 , 7, e1031	8.6	14
164	Transition of the functional brain network related to increasing cognitive demands. <i>Human Brain Mapping</i> , 2017 , 38, 3659-3674	5.9	43
163	Representational precision in visual cortex reveals outcome encoding and reward modulation during action preparation. <i>NeuroImage</i> , 2017 , 157, 415-428	7.9	3
162	Taking control! Structural and behavioural plasticity in response to game-based inhibition training in older adults. <i>NeuroImage</i> , 2017 , 156, 199-206	7.9	30
161	Functional changes in the reward circuit in response to gaming-related cues after training with a commercial video game. <i>NeuroImage</i> , 2017 , 152, 467-475	7.9	23
160	l-Tyrosine administration modulates the effect of transcranial direct current stimulation on working memory in healthy humans. <i>Cortex</i> , 2017 , 90, 103-114	3.8	18
159	Detection of metabolite changes in response to a varying visual stimulation paradigm using short-TE H MRS at 7T. <i>NMR in Biomedicine</i> , 2017 , 30, e3672	4.4	24
158	Lower body negative pressure reduces optic nerve sheath diameter during head-down tilt. <i>Journal of Applied Physiology</i> , 2017 , 123, 1139-1144	3.7	15
157	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. <i>BMC Neuroscience</i> , 2017 , 18, 65	3.2	25
156	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. <i>Cerebral Cortex</i> , 2017 , 27, 2911-2925	5.1	36
155	The Influence of Study-Level Inference Models and Study Set Size on Coordinate-Based fMRI Meta-Analyses. <i>Frontiers in Neuroscience</i> , 2017 , 11, 745	5.1	8

154	In search of features that constitute an "enriched environment" in humans: Associations between geographical properties and brain structure. <i>Scientific Reports</i> , 2017 , 7, 11920	4.9	46
153	In and out of control: brain mechanisms linking fluency of action selection to self-agency in patients with schizophrenia. <i>Brain</i> , 2017 , 140, 2226-2239	11.2	30
152	Resting-state fMRI correlations: From link-wise unreliability to whole brain stability. <i>NeuroImage</i> , 2017 , 157, 250-262	7.9	50
151	PERCEIVED LONELINESS AND ITS BRAIN STRUCTURAL CORRELATES AND ASSOCIATION WITH COGNITIVE PERFORMANCE. <i>Innovation in Aging</i> , 2017 , 1, 1062-1062	0.1	78
150	Can Inner Experience Be Apprehended in High Fidelity? Examining Brain Activation and Experience from Multiple Perspectives. <i>Frontiers in Psychology</i> , 2017 , 8, 43	3.4	12
149	Response: Commentary: Can Inner Experience Be Apprehended in High Fidelity? Examining Brain Activation and Experience from Multiple Perspectives. <i>Frontiers in Psychology</i> , 2017 , 8, 628	3.4	5
148	Explicit and Implicit Approach vs. Avoidance Tendencies towards High vs. Low Calorie Food Cues in Patients with Obesity and Active Binge Eating Disorder. <i>Nutrients</i> , 2017 , 9,	6.7	22
147	Seeing Double: Exploring the Phenomenology of Self-Reported Absence of Rivalry in Bistable Pictures. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 301	3.3	0
146	Altered cortical and subcortical connectivity due to infrasound administered near the hearing threshold - Evidence from fMRI. <i>PLoS ONE</i> , 2017 , 12, e0174420	3.7	14
145	Cross-sectional Study of Glutamate in the Anterior Cingulate and Hippocampus in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016 , 42, 425-33	1.3	25
144	"Unfocus" on foc.us: commercial tDCS headset impairs working memory. <i>Experimental Brain Research</i> , 2016 , 234, 637-43	2.3	47
143	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3T. <i>Brain Structure and Function</i> , 2016 , 221, 2541-51	4	35
142	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. <i>Addiction Biology</i> , 2016 , 21, 700-8	4.6	19
141	Explicit and implicit approach vs. avoidance tendencies towards high vs. low calorie food cues in patients with anorexia nervosa and healthy controls. <i>Appetite</i> , 2016 , 107, 171-179	4.5	34
140	Differences in navigation performance and postpartal striatal volume associated with pregnancy in humans. <i>Neurobiology of Learning and Memory</i> , 2016 , 134 Pt B, 400-7	3.1	10
139	Photon-statistics-based classical ghost imaging with one single detector. <i>Optics Letters</i> , 2016 , 41, 2863-63		6
138	Ghrelin modulates encoding-related brain function without enhancing memory formation in humans. <i>NeuroImage</i> , 2016 , 142, 465-473	7.9	17
137	Neurobiological Basis of Hypersexuality. <i>International Review of Neurobiology</i> , 2016 , 129, 67-83	4.4	33

136	Changes in fitness are associated with changes in hippocampal microstructure and hippocampal volume among older adults. <i>NeuroImage</i> , 2016 , 131, 155-61	7.9	62
135	Normal aging increases postural preparation errors: Evidence from a two-choice response task with balance constraints. <i>Gait and Posture</i> , 2016 , 44, 143-8	2.6	8
134	Role of Serum Brain Derived Neurotrophic Factor and Central N-Acetylaspartate for Clinical Response under Antidepressive Pharmacotherapy. <i>NeuroSignals</i> , 2016 , 24, 1-14	1.9	15
133	Increased integrity of white matter pathways after dual n-back training. <i>NeuroImage</i> , 2016 , 133, 244-250	7.9	23
132	Characteristic properties of the spatial correlations and visibility in mixed light ghost imaging. <i>Applied Optics</i> , 2016 , 55, 7972-7979	0.2	4
131	Exploring the Ecological Validity of Thinking on Demand: Neural Correlates of Elicited vs. Spontaneously Occurring Inner Speech. <i>PLoS ONE</i> , 2016 , 11, e0147932	3.7	41
130	Research on Human Plasticity in Adulthood: A Lifespan Agenda 2016 , 105-123		15
129	Who Controls the Past Controls the Future: Reconsolidating Concerns Over Memory Manipulations. <i>AJOB Neuroscience</i> , 2016 , 7, 247-249	0.8	1
128	Simultaneous interpreters vs. professional multilingual controls: Group differences in cognitive control as well as brain structure and function. <i>NeuroImage</i> , 2016 , 134, 250-260	7.9	43
127	Multiple "buy buttons" in the brain: Forecasting chocolate sales at point-of-sale based on functional brain activation using fMRI. <i>NeuroImage</i> , 2016 , 136, 122-8	7.9	55
126	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , 2016 , 134, 597-606	7.9	38
125	Transfer after Dual n-Back Training Depends on Striatal Activation Change. <i>Journal of Neuroscience</i> , 2016 , 36, 10198-213	6.6	36
124	Metacognitive mechanisms underlying lucid dreaming. <i>Journal of Neuroscience</i> , 2015 , 35, 1082-8	6.6	39
123	Frontal glutamate and reward processing in adolescence and adulthood. <i>Brain Structure and Function</i> , 2015 , 220, 3087-99	4	12
122	Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , 2015 , 118, 154-62	7.9	97
121	Prefrontal and Striatal Glutamate Differently Relate to Striatal Dopamine: Potential Regulatory Mechanisms of Striatal Presynaptic Dopamine Function?. <i>Journal of Neuroscience</i> , 2015 , 35, 9615-21	6.6	38
120	Effect of tyrosine supplementation on clinical and healthy populations under stress or cognitive demands--A review. <i>Journal of Psychiatric Research</i> , 2015 , 70, 50-7	5.2	64
119	Brief bursts of infrasound may improve cognitive function--an fMRI study. <i>Hearing Research</i> , 2015 , 328, 87-93	3.9	11

118	Feeling smart: Effects of caffeine and glucose on cognition, mood and self-judgment. <i>Physiology and Behavior</i> , 2015 , 151, 629-37	3.5	24
117	Amygdala/hippocampal activation during the menstrual cycle: evidence for lateralization of effects across different tasks. <i>Neuropsychologia</i> , 2015 , 67, 55-62	3.2	14
116	Brains online: structural and functional correlates of habitual Internet use. <i>Addiction Biology</i> , 2015 , 20, 415-22	4.6	51
115	Interactions between glutamate, dopamine, and the neuronal signature of response inhibition in the human striatum. <i>Human Brain Mapping</i> , 2015 , 36, 4031-40	5.9	17
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13	Higher rostral locus coeruleus integrity is associated with better memory performance in older adults		1
12	I know that I don't know: Structural and functional connectivity underlying meta-ignorance in pre-schoolers		1
11	Behavioural, modeling, and electrophysiological evidence for domain-generality in human metacognition		3

10	Consistent local dynamics in the brain across sessions are revealed by whole brain modeling of resting state activity	2
9	Extracting orthogonal subject- and behavior-specific signatures from fMRI data using whole-brain effective connectivity	2
8	Locus coeruleus MRI contrast is associated with cortical thickness in older adults	1
7	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's Disease	3
6	Evaluation of FlowVR: a virtual reality game for improvement of depressive mood	1
5	Efficient small-world and scale-free functional brain networks at rest using k-nearest neighbors thresholding	2
4	Estimations of the weather effects on brain functions using functional MRI: a cautionary note	4
3	Dynamic reconfiguration of functional brain networks during working memory training	1
2	Resting-state fMRI correlations: from link-wise unreliability to whole brain stability	1
1	Individual variations in Brain age relate to early life factors more than to longitudinal brain change	2