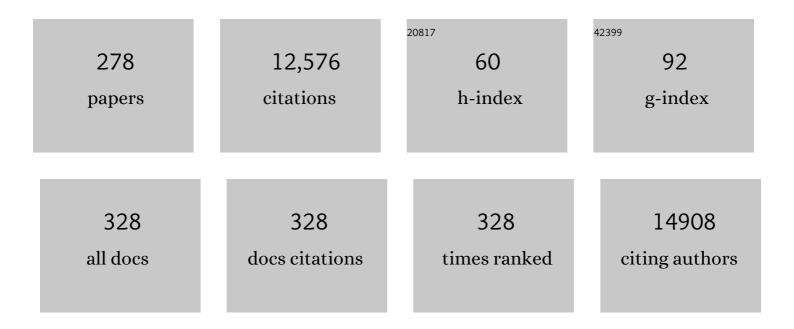
List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/872610/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Common biology of craving across legal and illegal drugs - a quantitative meta-analysis of cue-reactivity brain response. European Journal of Neuroscience, 2011, 33, 1318-1326.	2.6	404
2	Disruption of Reward Processing in Addiction. JAMA Psychiatry, 2017, 74, 387.	11.0	319
3	Playing Super Mario induces structural brain plasticity: gray matter changes resulting from training with a commercial video game. Molecular Psychiatry, 2014, 19, 265-271.	7.9	316
4	Resting-State Brain Activity in Schizophrenia and Major Depression: A Quantitative Meta-Analysis. Schizophrenia Bulletin, 2013, 39, 358-365.	4.3	256
5	Gray Matter Correlates of Posttraumatic Stress Disorder: A Quantitative Meta-Analysis. Biological Psychiatry, 2013, 73, 70-74.	1.3	229
6	"Just Another Tool for Online Studies―(JATOS): An Easy Solution for Setup and Management of Web Servers Supporting Online Studies. PLoS ONE, 2015, 10, e0130834.	2.5	216
7	Experience-dependent plasticity of white-matter microstructure extends into old age. Neuropsychologia, 2010, 48, 3878-3883.	1.6	212
8	The neural correlates of subjective pleasantness. NeuroImage, 2012, 61, 289-294.	4.2	194
9	Brain Structure and Functional Connectivity Associated With Pornography Consumption. JAMA Psychiatry, 2014, 71, 827.	11.0	194
10	Spatial navigation training protects the hippocampus against age-related changes during early and late adulthood. Neurobiology of Aging, 2012, 33, 620.e9-620.e22.	3.1	169
11	Hippocampal volume and functional connectivity changes during the female menstrual cycle. Neurolmage, 2015, 118, 154-162.	4.2	151
12	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 2-29.	1.6	149
13	Quantitative Meta-Analysis on State and Trait Aspects of Auditory Verbal Hallucinations in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 779-786.	4.3	143
14	Feeling in control: Neural correlates of experience of agency. Cortex, 2013, 49, 1935-1942.	2.4	142
15	Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. Human Brain Mapping, 2014, 35, 4236-4248.	3.6	142
16	The neural basis of video gaming. Translational Psychiatry, 2011, 1, e53-e53.	4.8	141
17	Non-pharmacological cognitive enhancement. Neuropharmacology, 2013, 64, 529-543.	4.1	139
18	Does playing violent video games cause aggression? A longitudinal intervention study. Molecular Psychiatry, 2019, 24, 1220-1234.	7.9	135

#	Article	IF	CITATIONS
19	Inducing Disbelief in Free Will Alters Brain Correlates of Preconscious Motor Preparation. Psychological Science, 2011, 22, 613-618.	3.3	134
20	Amount of lifetime video gaming is positively associated with entorhinal, hippocampal and occipital volume. Molecular Psychiatry, 2014, 19, 842-847.	7.9	131
21	Dynamic reconfiguration of functional brain networks during working memory training. Nature Communications, 2020, 11, 2435.	12.8	130
22	Rostral locus coeruleus integrity is associated with better memory performance in older adults. Nature Human Behaviour, 2019, 3, 1203-1214.	12.0	129
23	Intentional inhibition: How the "vetoâ€∎rea―exerts control. Human Brain Mapping, 2009, 30, 2834-2843.	3.6	120
24	Reduced Thickness of Medial Orbitofrontal Cortex in Smokers. Biological Psychiatry, 2010, 68, 1061-1065.	1.3	120
25	Why ruminators won't stop: The structural and resting state correlates of rumination and its relation to depression. Journal of Affective Disorders, 2012, 141, 352-360.	4.1	119
26	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	2.2	111
27	Outcome expectancy and not accuracy determines posterror slowing: ERP support. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 270-278.	2.0	108
28	Intentional inhibition in human action: The power of â€~no'. Neuroscience and Biobehavioral Reviews, 2012, 36, 1107-1118.	6.1	107
29	Reducing self-control by weakening belief in free will. Consciousness and Cognition, 2012, 21, 1482-1490.	1.5	105
30	Automatic approach bias towards smoking cues is present in smokers but not in ex-smokers. Psychopharmacology, 2013, 229, 187-197.	3.1	102
31	Are premonitory urges a prerequisite of tic inhibition in Gilles de la Tourette syndrome?. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 975-978.	1.9	95
32	Cortical thickness correlates with impulsiveness in healthy adults. NeuroImage, 2012, 59, 824-830.	4.2	94
33	Effect of tyrosine supplementation on clinical and healthy populations under stress or cognitive demands—A review. Journal of Psychiatric Research, 2015, 70, 50-57.	3.1	94
34	Cortical thickness of superior frontal cortex predicts impulsiveness and perceptual reasoning in adolescence. Molecular Psychiatry, 2013, 18, 624-630.	7.9	87
35	The Importance of the Default Mode Network in Creativity—A Structural <scp>MRI</scp> Study. Journal of Creative Behavior, 2014, 48, 152-163.	2.9	87
36	Behavioral, Modeling, and Electrophysiological Evidence for Supramodality in Human Metacognition. Journal of Neuroscience, 2018, 38, 263-277.	3.6	86

#	Article	IF	CITATIONS
37	Rationale and Design of the Hamburg City Health Study. European Journal of Epidemiology, 2020, 35, 169-181.	5.7	85
38	Structural correlates of trait anxiety: Reduced thickness in medial orbitofrontal cortex accompanied by volume increase in nucleus accumbens. Journal of Affective Disorders, 2011, 134, 315-319.	4.1	84
39	The Functional and Neural Mechanism of Action Preparation: Roles of EBA and FFA in Voluntary Action Control. Journal of Cognitive Neuroscience, 2011, 23, 214-220.	2.3	83
40	Negative motor phenomena in cortical stimulation: implications for inhibitory control of human action. Cortex, 2012, 48, 1251-1261.	2.4	83
41	A Quantitative Meta-Analysis on Cue-Induced Male Sexual Arousal. Journal of Sexual Medicine, 2011, 8, 2269-2275.	0.6	82
42	The implementation of verbal instructions: An fMRI study. Human Brain Mapping, 2011, 32, 1811-1824.	3.6	82
43	Segregating cognitive functions within hippocampal formation: A quantitative metaâ€analysis on spatial navigation and episodic memory. Human Brain Mapping, 2014, 35, 1129-1142.	3.6	81
44	Changes in fitness are associated with changes in hippocampal microstructure and hippocampal volume among older adults. NeuroImage, 2016, 131, 155-161.	4.2	81
45	Transition of the functional brain network related to increasing cognitive demands. Human Brain Mapping, 2017, 38, 3659-3674.	3.6	81
46	Perspective taking eliminates differences in co-representation of out-group members' actions. Experimental Brain Research, 2011, 211, 423-428.	1.5	78
47	Cortical thickness changes following spatial navigation training in adulthood and aging. NeuroImage, 2012, 59, 3389-3397.	4.2	77
48	Whodunnit? Electrophysiological Correlates of Agency Judgements. PLoS ONE, 2011, 6, e28657.	2.5	76
49	Hippocampal subfields predict positive symptoms in schizophrenia: First evidence from brain morphometry. Translational Psychiatry, 2012, 2, e127-e127.	4.8	76
50	Multiple "buy buttons―in the brain: Forecasting chocolate sales at point-of-sale based on functional brain activation using fMRI. NeuroImage, 2016, 136, 122-128.	4.2	76
51	Healthy brooders employ more attentional resources when disengaging from the negative: an event-related fMRI study. Cognitive, Affective and Behavioral Neuroscience, 2011, 11, 207-216.	2.0	75
52	The neural correlates of tic inhibition in Gilles de la Tourette syndrome. Neuropsychologia, 2014, 65, 297-301.	1.6	75
53	The Neural Underpinnings of Event-file Management: Evidence for Stimulus-induced Activation of and Competition among Stimulus–Response Bindings. Journal of Cognitive Neuroscience, 2011, 23, 896-904.	2.3	74
54	Action inhibition in Tourette syndrome. Movement Disorders, 2014, 29, 1532-1538.	3.9	74

#	Article	IF	CITATIONS
55	In search of features that constitute an "enriched environment―in humans: Associations between geographical properties and brain structure. Scientific Reports, 2017, 7, 11920.	3.3	74
56	Resting-state fMRI correlations: From link-wise unreliability to whole brain stability. NeuroImage, 2017, 157, 250-262.	4.2	73
57	When Pinocchio acts like a human, a wooden hand becomes embodied. Action co-representation for non-biological agents. Neuropsychologia, 2011, 49, 1373-1377.	1.6	72
58	Individual variations in â€~brain age' relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
59	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. PLoS ONE, 2014, 9, e91506.	2.5	70
60	Hacking the Brain: Dimensions of Cognitive Enhancement. ACS Chemical Neuroscience, 2019, 10, 1137-1148.	3.5	69
61	Why do I like you when you behave like me? Neural mechanisms mediating positive consequences of observing someone being imitated. Social Neuroscience, 2010, 5, 384-392.	1.3	68
62	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. NeuroImage, 2016, 134, 597-606.	4.2	68
63	Brain grey matter deficits in smokers: focus on the cerebellum. Brain Structure and Function, 2012, 217, 517-522.	2.3	67
64	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. Nature Communications, 2021, 12, 721.	12.8	67
65	Exploring the Ecological Validity of Thinking on Demand: Neural Correlates of Elicited vs. Spontaneously Occurring Inner Speech. PLoS ONE, 2016, 11, e0147932.	2.5	67
66	The dynamics of change in striatal activity following updating training. Human Brain Mapping, 2013, 34, 1530-1541.	3.6	66
67	â€~Put on your poker face': neural systems supporting the anticipation for expressive suppression and cognitive reappraisal. Social Cognitive and Affective Neuroscience, 2013, 8, 903-910.	3.0	66
68	Brain Changes in Response to Long Antarctic Expeditions. New England Journal of Medicine, 2019, 381, 2273-2275.	27.0	63
69	Reduction of cerebellar grey matter in Crus I and II in schizophrenia. Brain Structure and Function, 2012, 217, 523-529.	2.3	61
70	"Keep Calm and Carry On― Structural Correlates of Expressive Suppression of Emotions. PLoS ONE, 2011, 6, e16569.	2.5	61
71	Brains online: structural and functional correlates of habitual Internet use. Addiction Biology, 2015, 20, 415-422.	2.6	60
72	Effects of exposure to immersive videos and photo slideshows of forest and urban environments. Scientific Reports, 2021, 11, 3994.	3.3	60

#	Article	IF	CITATIONS
73	Simultaneous interpreters vs. professional multilingual controls: Group differences in cognitive control as well as brain structure and function. NeuroImage, 2016, 134, 250-260.	4.2	59
74	"Unfocus―on foc.us: commercial tDCS headset impairs working memory. Experimental Brain Research, 2016, 234, 637-643.	1.5	59
75	Minimizing motor mimicry by myself: Self-focus enhances online action-control mechanisms during motor contagion. Consciousness and Cognition, 2010, 19, 98-106.	1.5	57
76	Metacognitive Mechanisms Underlying Lucid Dreaming. Journal of Neuroscience, 2015, 35, 1082-1088.	3.6	57
77	Structural Brain Correlates of Loneliness among Older Adults. Scientific Reports, 2019, 9, 13569.	3.3	57
78	Neural correlates of intentional and stimulus-driven inhibition: a comparison. Frontiers in Human Neuroscience, 2014, 8, 27.	2.0	56
79	Are All Beliefs Equal? Implicit Belief Attributions Recruiting Core Brain Regions of Theory of Mind. PLoS ONE, 2014, 9, e106558.	2.5	54
80	Video game training and the reward system. Frontiers in Human Neuroscience, 2015, 9, 40.	2.0	54
81	Fighting Depression: Action Video Game Play May Reduce Rumination and Increase Subjective and Objective Cognition in Depressed Patients. Frontiers in Psychology, 2018, 9, 129.	2.1	54
82	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. Sleep, 2020, 43, .	1.1	53
83	In and out of control: brain mechanisms linking fluency of action selection to self-agency in patients with schizophrenia. Brain, 2017, 140, 2226-2239.	7.6	51
84	Personalized risk prediction of postoperative cognitive impairment – rationale for the EU-funded BioCog project. European Psychiatry, 2018, 50, 34-39.	0.2	51
85	Variability and reliability of effective connectivity within the core default mode network: A multi-site longitudinal spectral DCM study. NeuroImage, 2018, 183, 757-768.	4.2	51
86	Prefrontal and Striatal Glutamate Differently Relate to Striatal Dopamine: Potential Regulatory Mechanisms of Striatal Presynaptic Dopamine Function?. Journal of Neuroscience, 2015, 35, 9615-9621.	3.6	50
87	Transfer after Dual <i>n</i> -Back Training Depends on Striatal Activation Change. Journal of Neuroscience, 2016, 36, 10198-10213.	3.6	50
88	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. Cerebral Cortex, 2016, 27, bhw141.	2.9	50
89	Educational attainment does not influence brain aging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	49
90	Assessing reliability in neuroimaging research through intra-class effect decomposition (ICED). ELife, 2018, 7, .	6.0	49

#	Article	IF	CITATIONS
91	Neural correlates of emotional synchrony. Social Cognitive and Affective Neuroscience, 2011, 6, 368-374.	3.0	48
92	Higher prefrontal cortical thickness in high schizotypal personality trait. Journal of Psychiatric Research, 2012, 46, 960-965.	3.1	48
93	Explicit and implicit approach vs. avoidance tendencies towards high vs. low calorie food cues in patients with anorexia nervosa and healthy controls. Appetite, 2016, 107, 171-179.	3.7	48
94	What goes on in the resting-state? A qualitative glimpse into resting-state experience in the scanner. Frontiers in Psychology, 2015, 6, 1535.	2.1	47
95	Testing the connection of the mirror system and speech. Neuropsychologia, 2008, 46, 1513-1521.	1.6	44
96	Reduced thickness of anterior cingulate cortex in obsessive-compulsive disorder. Cortex, 2013, 49, 2178-2185.	2.4	44
97	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3AT. Brain Structure and Function, 2016, 221, 2541-2551.	2.3	43
98	Methodology of measuring postoperative cognitive dysfunction: a systematic review. British Journal of Anaesthesia, 2021, 126, 1119-1127.	3.4	43
99	Retrospective construction of the judgement of free choice. Consciousness and Cognition, 2009, 18, 12-21.	1.5	42
100	Brain Areas Consistently Linked to Individual Differences in Perceptual Decision-making in Younger as well as Older Adults before and after Training. Journal of Cognitive Neuroscience, 2011, 23, 2147-2158.	2.3	42
101	Taking control! Structural and behavioural plasticity in response to game-based inhibition training in older adults. NeuroImage, 2017, 156, 199-206.	4.2	42
102	Busy doing nothing: Evidence for nonaction-effect binding. Psychonomic Bulletin and Review, 2009, 16, 542-549.	2.8	41
103	Feeling smart: Effects of caffeine and glucose on cognition, mood and self-judgment. Physiology and Behavior, 2015, 151, 629-637.	2.1	41
104	Physical neglect during childhood alters white matter connectivity in healthy young males. Human Brain Mapping, 2018, 39, 1283-1290.	3.6	41
105	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. NeuroImage, 2018, 178, 238-254.	4.2	41
106	Autoantibody-associated psychiatric symptoms and syndromes in adults: A narrative review and proposed diagnostic approach. Brain, Behavior, & Immunity - Health, 2020, 9, 100154.	2.5	41
107	When doing nothing is an option: The neural correlates of deciding whether to act or not. NeuroImage, 2009, 46, 1187-1193.	4.2	40
108	EEG activations during intentional inhibition of voluntary action: An electrophysiological correlate of self-control?. Neuropsychologia, 2010, 48, 619-626.	1.6	40

#	Article	IF	CITATIONS
109	The neural basis of unwanted thoughts during resting state. Social Cognitive and Affective Neuroscience, 2014, 9, 1320-1324.	3.0	40
110	Challenging a decade of brain research on task switching: Brain activation in the taskâ€switching paradigm reflects adaptation rather than reconfiguration of task sets. Human Brain Mapping, 2012, 33, 639-651.	3.6	39
111	Common structural correlates of trait impulsiveness and perceptual reasoning in adolescence. Human Brain Mapping, 2013, 34, 374-383.	3.6	38
112	Does Taste Matter? How Anticipation of Cola Brands Influences Gustatory Processing in the Brain. PLoS ONE, 2013, 8, e61569.	2.5	38
113	Neurobiological Basis of Hypersexuality. International Review of Neurobiology, 2016, 129, 67-83.	2.0	38
114	Functional changes in the reward circuit in response to gaming-related cues after training with a commercial video game. NeuroImage, 2017, 152, 467-475.	4.2	38
115	The association between frailty and MRI features of cerebral small vessel disease. Scientific Reports, 2019, 9, 11343.	3.3	38
116	Better dual-task processing in simultaneous interpreters. Frontiers in Psychology, 2015, 6, 1590.	2.1	37
117	The internal anticipation of sensory action effects: when action induces FFA and PPA activity. Frontiers in Human Neuroscience, 2010, 4, 54.	2.0	36
118	Cross-sectional Study of Glutamate in the Anterior Cingulate and Hippocampus in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 425-433.	4.3	36
119	Detection of metabolite changes in response to a varying visual stimulation paradigm using shortâ€TE <sup>1</sup> H MRS at 7ÂT. NMR in Biomedicine, 2017, 30, e3672.	2.8	36
120	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. Human Brain Mapping, 2018, 39, 916-931.	3.6	36
121	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. Neurobiology of Aging, 2021, 100, 72-82.	3.1	36
122	There Is No Free Won't: Antecedent Brain Activity Predicts Decisions to Inhibit. PLoS ONE, 2013, 8, e53053.	2.5	35
123	Community violence exposure correlates with smaller gray matter volume and lower <scp>IQ</scp> in urban adolescents. Human Brain Mapping, 2018, 39, 2088-2097.	3.6	35
124	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. Psychological Research, 2019, 83, 1097-1106.	1.7	35
125	Plasticity of Hippocampal Subfield Volume Cornu Ammonis 2+3 Over the Course of Withdrawal in Patients With Alcohol Dependence. JAMA Psychiatry, 2014, 71, 806.	11.0	34
126	Brain correlates of subjective freedom of choice. Consciousness and Cognition, 2013, 22, 1271-1284.	1.5	33

#	Article	IF	CITATIONS
127	Identifying predictors of within-person variance in MRI-based brain volume estimates. NeuroImage, 2019, 200, 575-589.	4.2	33
128	Performance-Related Increases in Hippocampal N-acetylaspartate (NAA) Induced by Spatial Navigation Training Are Restricted to BDNF Val Homozygotes. Cerebral Cortex, 2011, 21, 1435-1442.	2.9	32
129	Reward anticipation in the adolescent and aging brain. Human Brain Mapping, 2014, 35, 5153-5165.	3.6	32
130	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. BMC Neuroscience, 2017, 18, 65.	1.9	30
131	Increased integrity of white matter pathways after dual n-back training. NeuroImage, 2016, 133, 244-250.	4.2	29
132	Explicit and Implicit Approach vs. Avoidance Tendencies towards High vs. Low Calorie Food Cues in Patients with Obesity and Active Binge Eating Disorder. Nutrients, 2017, 9, 1068.	4.1	29
133	The Creative Brain: Corepresenting Schema Violations Enhances TPJ Activity and Boosts Cognitive Flexibility. Creativity Research Journal, 2014, 26, 144-150.	2.6	28
134	Cognitive enhancement effects of stimulants: a randomized controlled trial testing methylphenidate, modafinil, and caffeine. Psychopharmacology, 2021, 238, 441-451.	3.1	28
135	Metacognition-augmented cognitive remediation training reduces jumping to conclusions and overconfidence but not neurocognitive deficits in psychosis. Frontiers in Psychology, 2015, 6, 1048.	2.1	27
136	Lower body negative pressure reduces optic nerve sheath diameter during head-down tilt. Journal of Applied Physiology, 2017, 123, 1139-1144.	2.5	27
137	Reduced Resting-State Connectivity in the Precuneus is correlated with Apathy in Patients with Schizophrenia. Scientific Reports, 2020, 10, 2616.	3.3	27
138	Is This Car Looking at You? How Anthropomorphism Predicts Fusiform Face Area Activation when Seeing Cars. PLoS ONE, 2014, 9, e113885.	2.5	27
139	Manual dexterity correlating with right lobule VI volume in right-handed 14-year-olds. NeuroImage, 2012, 59, 1615-1621.	4.2	26
140	Research on Human Plasticity in Adulthood. , 2016, , 105-123.		26
141	Reliable local dynamics in the brain across sessions are revealed by wholeâ€brain modeling of resting state activity. Human Brain Mapping, 2019, 40, 2967-2980.	3.6	26
142	Trauma, treatment and Tetris: video gaming increases hippocampal volume in male patients with combat-related posttraumatic stress disorder. Journal of Psychiatry and Neuroscience, 2020, 45, 279-287.	2.4	26
143	Functional mechanisms involved in the internal inhibition of taboo words. Social Cognitive and Affective Neuroscience, 2012, 7, 431-435.	3.0	25
144	Inner experience in the scanner: can high fidelity apprehensions of inner experience be integrated with fMRI?. Frontiers in Psychology, 2014, 5, 1393.	2.1	25

#	Article	IF	CITATIONS
145	Inferior frontal gyrus involvement during search and solution in verbal creative problem solving: A parametric fMRI study. NeuroImage, 2020, 206, 116294.	4.2	25
146	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. Cerebral Cortex, 2021, 31, 1953-1969.	2.9	25
147	Effects of computer gaming on cognition, brain structure, and function: a critical reflection on existing literature. Dialogues in Clinical Neuroscience, 2019, 21, 319-330.	3.7	25
148	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. NeuroSignals, 2019, 27, 12-24.	0.9	25
149	Prefrontal cortex volume reductions and tic inhibition are unrelated in uncomplicated GTS adults. Journal of Psychosomatic Research, 2014, 76, 84-87.	2.6	24
150	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. NeuroSignals, 2018, 26, 22-30.	0.9	23
151	The cognitive representation of intending not to act: Evidence for specific non-action-effect binding. Cognition, 2010, 117, 9-16.	2.2	22
152	Interactions between glutamate, dopamine, and the neuronal signature of response inhibition in the human striatum. Human Brain Mapping, 2015, 36, 4031-4040.	3.6	22
153	Altered cortical and subcortical connectivity due to infrasound administered near the hearing threshold – Evidence from fMRI. PLoS ONE, 2017, 12, e0174420.	2.5	22
154	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. ELife, 2019, 8, .	6.0	22
155	When the brain tames the tongue: Covert editing of inappropriate language. Psychophysiology, 2011, 48, 1252-1257.	2.4	21
156	Ghrelin modulates encoding-related brain function without enhancing memory formation in humans. NeuroImage, 2016, 142, 465-473.	4.2	21
157	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. Addiction Biology, 2016, 21, 700-708.	2.6	21
158	Quantifying insightful problem solving: a modified compound remote associates paradigm using lexical priming to parametrically modulate different sources of task difficulty. Psychological Research, 2020, 84, 528-545.	1.7	21
159	The Neural Correlates of Intending Not to Do Something. Journal of Neurophysiology, 2009, 101, 1913-1920.	1.8	20
160	The neural representation of intrusive thoughts. Social Cognitive and Affective Neuroscience, 2013, 8, 688-693.	3.0	20
161	Differences between endogenous and exogenous emotion inhibition in the human brain. Brain Structure and Function, 2014, 219, 1129-1138.	2.3	20
162	Verbal insight revisited: fMRI evidence for early processing in bilateral insulae for solutions with AHA! experience shortly after trial onset. Human Brain Mapping, 2020, 41, 30-45.	3.6	20

#	Article	IF	CITATIONS
163	Frontal glutamate and reward processing in adolescence and adulthood. Brain Structure and Function, 2015, 220, 3087-3099.	2.3	19
164	Exercise-induced changes in brain activity during memory encoding and retrieval after long-term bed rest. Neurolmage, 2020, 223, 117359.	4.2	19
165	Brains in space: the importance of understanding the impact of long-duration spaceflight on spatial cognition and its neural circuitry. Cognitive Processing, 2021, 22, 105-114.	1.4	19
166	Role of Serum Brain Derived Neurotrophic Factor and Central N-Acetylaspartate for Clinical Response under Antidepressive Pharmacotherapy. NeuroSignals, 2016, 24, 1-14.	0.9	18
167	Cognitive Reappraisal and Expressive Suppression of Negative Emotion in Combat-Related Posttraumatic Stress Disorder: A Functional MRI Study. Cognitive Therapy and Research, 2019, 43, 236-246.	1.9	18
168	Implicit bias to food and body cues in eating disorders: a systematic review. Eating and Weight Disorders, 2021, 26, 1303-1321.	2.5	18
169	Planning not to do something: Does intending not to do something activate associated sensory consequences?. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 454-459.	2.0	17
170	Subjective illusion of control modulates striatal reward anticipation in adolescence. NeuroImage, 2015, 117, 250-257.	4.2	17
171	Brief bursts of infrasound may improve cognitive function – An fMRI study. Hearing Research, 2015, 328, 87-93.	2.0	17
172	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. Cerebral Cortex, 2021, 31, 1464-1477.	2.9	17
173	Changes in neural resting state activity in primary and higher-order motor areas induced by a short sensorimotor intervention based on the Feldenkrais method. Frontiers in Human Neuroscience, 2015, 9, 232.	2.0	16
174	Military deployment correlates with smaller prefrontal gray matter volume and psychological symptoms in a subclinical population. Translational Psychiatry, 2017, 7, e1031-e1031.	4.8	16
175	Virtual reality-based treatment for regaining upper extremity function induces cortex grey matter changes in persons with acquired brain injury. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 127.	4.6	16
176	Amygdala/hippocampal activation during the menstrual cycle: Evidence for lateralization of effects across different tasks. Neuropsychologia, 2015, 67, 55-62.	1.6	15
177	Influence of nutritional tyrosine on cognition and functional connectivity in healthy old humans. NeuroImage, 2019, 193, 139-145.	4.2	15
178	Durable memories and efficient neural coding through mnemonic training using the method of loci. Science Advances, 2021, 7, .	10.3	15
179	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. Scientific Reports, 2022, 12, 1581.	3.3	15
180	Differences in navigation performance and postpartal striatal volume associated with pregnancy in humans. Neurobiology of Learning and Memory, 2016, 134, 400-407.	1.9	14

#	Article	IF	CITATIONS
181	Can Inner Experience Be Apprehended in High Fidelity? Examining Brain Activation and Experience from Multiple Perspectives. Frontiers in Psychology, 2017, 8, 43.	2.1	14
182	The Influence of Study-Level Inference Models and Study Set Size on Coordinate-Based fMRI Meta-Analyses. Frontiers in Neuroscience, 2017, 11, 745.	2.8	14
183	Size matters: Grey matter brain reserve predicts executive functioning in the elderly. Neuropsychologia, 2018, 119, 172-181.	1.6	14
184	Spatial Updating Depends on Gravity. Frontiers in Neural Circuits, 2020, 14, 20.	2.8	14
185	Psychological and neural correlates of embitterment in old age Psychological Trauma: Theory, Research, Practice, and Policy, 2018, 10, 51-57.	2.1	14
186	Testing the Biophilia theory: Automatic approach tendencies towards nature. Journal of Environmental Psychology, 2022, 79, 101725.	5.1	14
187	Imaginal retraining reduces alcohol craving in problem drinkers: A randomized controlled trial. Journal of Behavior Therapy and Experimental Psychiatry, 2019, 64, 158-166.	1.2	13
188	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. Cerebral Cortex, 2020, 30, 2465-2477.	2.9	13
189	Brain functional connectivity differs when viewing pictures from natural and built environments using fMRI resting state analysis. Scientific Reports, 2021, 11, 4110.	3.3	13
190	The brain at war: effects of stress on brain structure in soldiers deployed to a war zone. Translational Psychiatry, 2021, 11, 247.	4.8	13
191	Imitation and speech: commonalities within Broca's area. Brain Structure and Function, 2013, 218, 1419-1427.	2.3	12
192	Stereoscopic Rendering via Goggles Elicits Higher Functional Connectivity During Virtual Reality Gaming. Frontiers in Human Neuroscience, 2019, 13, 365.	2.0	12
193	Verbal insight revisited — dissociable neurocognitive processes underlying solutions accompanied by an AHA! experience with and without prior restructuring. Journal of Cognitive Psychology, 2021, 33, 659-684.	0.9	12
194	A longitudinal, randomized experimental pilot study to investigate the effects of airborne infrasound on human mental health, cognition, and brain structure. Scientific Reports, 2021, 11, 3190.	3.3	12
195	Spend time outdoors for your brain – an in-depth longitudinal MRI study. World Journal of Biological Psychiatry, 2022, 23, 201-207.	2.6	12
196	Hippocampal gray matter increases following multimodal psychological treatment for combatâ€related postâ€traumatic stress disorder. Brain and Behavior, 2018, 8, e00956.	2.2	11
197	How (not) to increase older adults' tendency to anthropomorphise in serious games. PLoS ONE, 2018, 13, e0199948.	2.5	11
198	The Effects of Virtual Audience Size on Social Anxiety during Public Speaking. , 2020, , .		11

#	Article	IF	CITATIONS
199	A randomized controlled trial of a virtual reality based, approach-avoidance training program for alcohol use disorder: a study protocol. BMC Psychiatry, 2020, 20, 340.	2.6	11
200	Comparison of different response devices to assess behavioral tendencies towards chocolate in the approach-avoidance task. Appetite, 2021, 165, 105294.	3.7	11
201	The Living Space: Psychological Well-Being and Mental Health in Response to Interiors Presented in Virtual Reality. International Journal of Environmental Research and Public Health, 2021, 18, 12510.	2.6	11
202	Normal aging increases postural preparation errors: Evidence from a two-choice response task with balance constraints. Gait and Posture, 2016, 44, 143-148.	1.4	10
203	Investigating Multiple Streams of Consciousness: Using Descriptive Experience Sampling to Explore Internally and Externally Directed Streams of Thought. Frontiers in Human Neuroscience, 2018, 12, 494.	2.0	10
204	Imaginal retraining decreases craving for high-calorie food in overweight and obese women: A randomized controlled trial. Translational Psychiatry, 2019, 9, 319.	4.8	10
205	Photon-statistics-based classical ghost imaging with one single detector. Optics Letters, 2016, 41, 2863.	3.3	9
206	REM sleep in acutely traumatized individuals and interventions for the secondary prevention of post-traumatic stress disorder. Högre Utbildning, 2020, 11, 1740492.	3.0	9
207	Dissociating mental states related to doing nothing by means of fMRI pattern classification. NeuroImage, 2010, 53, 1294-1300.	4.2	8
208	Acute immobilisation facilitates premotor preparatory activity for the non-restrained hand when facing grasp affordances. NeuroImage, 2014, 92, 69-73.	4.2	8
209	Muslims Love Jesus, Too? Corrective Information Alters Prejudices Against Islam. Pastoral Psychology, 2017, 66, 65-77.	0.8	8
210	Towards a neurochemical profile of the amygdala using shortâ€TE <sup>1</sup> H magnetic resonance spectroscopy at 3ÂT. NMR in Biomedicine, 2017, 30, e3685.	2.8	8
211	I know that I know nothing: Cortical thickness and functional connectivity underlying meta-ignorance ability in pre-schoolers. Developmental Cognitive Neuroscience, 2020, 41, 100738.	4.0	8
212	Brain structure and habitat: Do the brains of our children tell us where they have been brought up?. NeuroImage, 2020, 222, 117225.	4.2	8
213	Imaginal Retraining Reduces Cigarette Smoking: A Randomized Controlled Study. European Addiction Research, 2020, 26, 355-364.	2.4	8
214	When triangles become human. Interaction Studies, 2015, 16, 54-67.	0.6	8
215	Extreme environments for understanding brain and cognition. Trends in Cognitive Sciences, 2021, , .	7.8	8
216	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort. Frontiers in Aging Neuroscience, 2022, 14, 782738.	3.4	8

#	Article	IF	CITATIONS
217	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. Frontiers in Human Neuroscience, 2022, 16, .	2.0	8
218	Estimations of the weather effects on brain functions using functional <scp>MRI</scp> : A cautionary note. Human Brain Mapping, 2022, , .	3.6	8
219	Neural correlates of response bias: Larger hippocampal volume correlates with symptom aggravation in combat-related posttraumatic stress disorder. Psychiatry Research - Neuroimaging, 2018, 279, 1-7.	1.8	7
220	Does airborne ultrasound lead to activation of the auditory cortex?. Biomedizinische Technik, 2019, 64, 481-493.	0.8	7
221	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. ELife, 2021, 10, .	6.0	7
222	Analysis of Detection Thresholds for Hand Redirection during Mid-Air Interactions in Virtual Reality. , 2021, , .		7
223	On the relation between a green and bright window view and length of hospital stay in affective disorders. European Psychiatry, 2022, 65, 1-22.	0.2	7
224	Equalization of Brain State Occupancy Accompanies Cognitive Impairment in Cerebral Small Vessel Disease. Biological Psychiatry, 2022, 92, 592-602.	1.3	7
225	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. NeuroImage, 2022, 251, 119022.	4.2	7
226	Cognitive enhancement: Effects of methylphenidate, modafinil, and caffeine on latent memory and resting state functional connectivity in healthy adults. Human Brain Mapping, 2022, 43, 4225-4238.	3.6	7
227	Association between dopamine D4 receptor genotype and trait impulsiveness. Psychiatric Genetics, 2014, 24, 82.	1.1	6
228	Representational precision in visual cortex reveals outcome encoding and reward modulation during action preparation. Neurolmage, 2017, 157, 415-428.	4.2	6
229	Response: Commentary: Can Inner Experience Be Apprehended in High Fidelity? Examining Brain Activation and Experience from Multiple Perspectives. Frontiers in Psychology, 2017, 8, 628.	2.1	6
230	A self-guided Internet-based intervention for individuals with gambling problems: study protocol for a randomized controlled trial. Trials, 2019, 20, 74.	1.6	6
231	Autoantibody-associated psychiatric syndromes in children: link to adult psychiatry. Journal of Neural Transmission, 2021, 128, 735-747.	2.8	6
232	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. Landscape and Urban Planning, 2021, 214, 104196.	7.5	6
233	Aberrant functional connectivity within the salience network is related to cognitive deficits and disorganization in psychosis. Schizophrenia Research, 2022, 246, 103-111.	2.0	6
234	Towards Gamified Alcohol Use Disorder Therapy in Virtual Reality: A Preliminary Usability Study. , 2019,		5

#	Article	IF	CITATIONS
235	Within-person adaptivity in frugal judgments from memory. Psychological Research, 2019, 83, 613-630.	1.7	5
236	The Effects of Virtual Audience Size on Social Anxiety during Public Speaking. , 2020, , .		5
237	Lifestyle Variables Do Not Predict Subjective Memory Performance Over and Above Depression and Anxiety. Frontiers in Psychology, 2020, 11, 484.	2.1	5
238	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. Cerebral Cortex Communications, 2021, 2, tgab008.	1.6	5
239	Location, Location, Location: The Role of Objective Neighborhood Characteristics for Perceptions of Control. Gerontology, 2022, 68, 214-223.	2.8	5
240	Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2018, 31, 127-136.	0.5	5
241	Virtual Reality for Individuals with Occasional Paranoid Thoughts. , 2020, , .		5
242	Balancing cognitive control: How observed movements influence motor performance in a task with balance constraints. Acta Psychologica, 2014, 150, 129-135.	1.5	4
243	Dual n-back training improves functional connectivity of the right inferior frontal gyrus at rest. Scientific Reports, 2020, 10, 20379.	3.3	4
244	A dismantling study on imaginal retraining in smokers. Translational Psychiatry, 2021, 11, 92.	4.8	4
245	A dismantling study on imaginal retraining in overweight or obese women. Translational Psychiatry, 2021, 11, 481.	4.8	4
246	Too hot to handle: Mood states moderate implicit approach vs. avoidance tendencies toward food cues in patients with obesity and active binge eating disorder. Journal of Psychiatric Research, 2021, 143, 302-308.	3.1	4
247	Characteristic properties of the spatial correlations and visibility in mixed light ghost imaging. Applied Optics, 2016, 55, 7972.	2.1	4
248	New Graph-Theoretical-Multimodal Approach Using Temporal and Structural Correlations Reveals Disruption in the Thalamo-Cortical Network in Patients with Schizophrenia. Brain Connectivity, 2019, 9, 760-769.	1.7	3
249	Impact of Intraoperative Hyperglycemia on Brain Structures and Volumes. Journal of Neuroimaging, 2019, 29, 260-267.	2.0	3
250	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. Addictive Behaviors, 2020, 100, 106130.	3.0	3
251	Is Ejaculation Frequency in Men Related to General and Mental Health? Looking Back and Looking Forward. Frontiers in Psychology, 2021, 12, 693121.	2.1	3
252	Imaginal Retraining Reduces Craving for Tobacco in 1-Year Controlled Follow-Up Study. European Addiction Research, 2022, 28, 68-79.	2.4	3

#	Article	IF	CITATIONS
253	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. Scientific Reports, 2020, 10, 1207.	3.3	3
254	Neuroplasticity. , 2021, , 69-83.		3
255	Better to take one long or two quick looks? Independent processing of evidence from discrete visual presentations Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 1337-1352.	0.9	2
256	Disruption of reward-processing in addiction unravelled by image based meta-analysis of fMRI studies. European Neuropsychopharmacology, 2017, 27, S557.	0.7	2
257	Seeing Double: Exploring the Phenomenology of Self-Reported Absence of Rivalry in Bistable Pictures. Frontiers in Human Neuroscience, 2017, 11, 301.	2.0	2
258	The Second International Workshop on Affective Computing for Requirements Engineering (AffectRE2019). , 2019, , .		2
259	Memory enhancement with stimulants: Differential neural effects of methylphenidate, modafinil, and caffeine. A pilot study. Brain and Cognition, 2021, 154, 105802.	1.8	2
260	Structural signature of trauma: white matter volume in right inferior frontal gyrus is positively associated with use of expressive suppression in recently traumatized individuals. HA¶gre Utbildning, 2021, 12, 1837512.	3.0	2
261	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). Noise and Health, 2019, 21, 173-182.	0.5	2
262	Evidence for distinct neuro-metabolic phenotypes in humans. NeuroImage, 2022, 249, 118902.	4.2	2
263	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. Psychological Medicine, 2022, , 1-11.	4.5	2
264	Do I look like I'm sure?: Partial metacognitive access to the low-level aspects of one's own facial expressions. Cognition, 2022, 225, 105155.	2.2	2
265	Psychological attributes of house facades: A graph network approach in environmental psychology. Journal of Environmental Psychology, 2022, 82, 101846.	5.1	2
266	Towards a cognitive neuroscience of intentional action and nonaction. E-Neuroforum, 2010, 16, 38-42.	0.1	1
267	Who Controls the Past Controls the Future: Reconsolidating Concerns Over Memory Manipulations. AJOB Neuroscience, 2016, 7, 247-249.	1.1	1
268	A longitudinal, randomized experimental pilot study to investigate the effects of airborne ultrasound on human mental health, cognition, and brain structure. Scientific Reports, 2021, 11, 5814.	3.3	1
269	Delayed access to conscious processing in multiple sclerosis: Reduced cortical activation and impaired structural connectivity. Human Brain Mapping, 2021, 42, 3379-3395.	3.6	1
270	The Thought From the Machine: Neural Basis of Thoughts With a Coherent and Diminished Sense of Authorship. Schizophrenia Bulletin, 2021, 47, 1631-1641.	4.3	1

#	Article	IF	CITATIONS
271	No Evidence for a Boost in Psychosocial Functioning in Older Age After a 6-Months Physical Exercise Intervention. Frontiers in Human Neuroscience, 2022, 16, 825454.	2.0	1
272	Is less more? Dismantling imaginal retraining and examining the effects of psychoeducation and embodied cognition on craving and alcohol consumption in problem drinkers: A randomized controlled trial. Addictive Behaviors, 2022, 135, 107429.	3.0	1
273	Auf dem Weg zu einer kognitiven Neurowissenschaft intentionalen Handelns und Nicht-Handelns. E-Neuroforum, 2010, 16, 189-193.	0.1	Ο
274	Reply to: The role of the inferior frontal cortex in hyperkinetic movement disorders. Journal of Psychosomatic Research, 2014, 76, 487-488.	2.6	0
275	246. Physical Neglect during Childhood Alters White Matter Connectivity in Healthy Young Males. Biological Psychiatry, 2017, 81, S101.	1.3	0
276	PERCEIVED LONELINESS AND ITS BRAIN STRUCTURAL CORRELATES AND ASSOCIATION WITH COGNITIVE PERFORMANCE. Innovation in Aging, 2017, 1, 1062-1062.	0.1	0
277	Do implicit measures improve suicide risk prediction? An 18â€month prospective study using different tasks. Suicide and Life-Threatening Behavior, 2021, 51, 993-1004.	1.9	0
278	Personality-Related Factors and Depressive Symptomatology Predict Behavioral Control in Patients With Alcohol Use Disorders. Frontiers in Psychiatry, 0, 13, .	2.6	0