

# Arno Villringer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8427950/publications.pdf>

Version: 2024-02-01

540  
papers

37,480  
citations

3525

90  
h-index

5384

164  
g-index

601  
all docs

601  
docs citations

601  
times ranked

37131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	3.3	2,703
2	Precuneus shares intrinsic functional architecture in humans and monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20069-20074.	3.3	857
3	Beyond the Visibleâ€”Imaging the Human Brain with Light. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 1-18.	2.4	691
4	Dynamic imaging with lanthanide chelates in normal brain: Contrast due to magnetic susceptibility effects. Magnetic Resonance in Medicine, 1988, 6, 164-174.	1.9	668
5	Enhanced performance by a hybrid NIRSâ€”EEG brain computer interface. NeuroImage, 2012, 59, 519-529.	2.1	595
6	Spontaneous Low Frequency Oscillations of Cerebral Hemodynamics and Metabolism in Human Adults. NeuroImage, 2000, 12, 623-639.	2.1	585
7	Correlates of alpha rhythm in functional magnetic resonance imaging and near infrared spectroscopy. NeuroImage, 2003, 20, 145-158.	2.1	543
8	Dysfunction of ventral striatal reward prediction in schizophrenia. NeuroImage, 2006, 29, 409-416.	2.1	525
9	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	5.8	484
10	Early Setting of Grammatical Processing in the Bilingual Brain. Neuron, 2003, 37, 159-170.	3.8	449
11	Dynamic Properties of Human Brain Structure: Learning-Related Changes in Cortical Areas and Associated Fiber Connections. Journal of Neuroscience, 2010, 30, 11670-11677.	1.7	442
12	Simultaneous Recording of Cerebral Blood Oxygenation Changes during Human Brain Activation by Magnetic Resonance Imaging and Near-Infrared Spectroscopy. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 817-826.	2.4	419
13	Sex hormones affect neurotransmitters and shape the adult female brain during hormonal transition periods. Frontiers in Neuroscience, 2015, 9, 37.	1.4	418
14	Stroke Magnetic Resonance Imaging Is Accurate in Hyperacute Intracerebral Hemorrhage. Stroke, 2004, 35, 502-506.	1.0	409
15	Predicting brain-age from multimodal imaging data captures cognitive impairment. NeuroImage, 2017, 148, 179-188.	2.1	407
16	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. PLoS ONE, 2010, 5, e10232.	1.1	406
17	Rolandic alpha and beta EEG rhythms' strengths are inversely related to fMRIâ€”BOLD signal in primary somatosensory and motor cortex. Human Brain Mapping, 2009, 30, 1168-1187.	1.9	361
18	Decrease in parietal cerebral hemoglobin oxygenation during performance of a verbal fluency task in patients with Alzheimer's disease monitored by means of near-infrared spectroscopy (NIRS) â€” correlation with simultaneous rCBF-PET measurements. Brain Research, 1997, 755, 293-303.	1.1	356

#	ARTICLE	IF	CITATIONS
19	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	2.4	349
20	Constraint-induced movement therapy for motor recovery in chronic stroke patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 1999, 80, 624-628.	0.5	309
21	Human Vestibular Cortex as Identified with Caloric Stimulation in Functional Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 1384-1393.	2.1	304
22	Dysfunction of ventral striatal reward prediction in schizophrenic patients treated with typical, not atypical, neuroleptics. <i>Psychopharmacology</i> , 2006, 187, 222-228.	1.5	297
23	Human aging magnifies genetic effects on executive functioning and working memory. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 1.	1.0	292
24	Transient Ischemic Attacks Before Ischemic Stroke: Preconditioning the Human Brain?. <i>Stroke</i> , 2004, 35, 616-621.	1.0	289
25	The LIFE-Adult-Study: objectives and design of a population-based cohort study with 10,000 deeply phenotyped adults in Germany. <i>BMC Public Health</i> , 2015, 15, 691.	1.2	287
26	Mapping the depressed brain: A meta-analysis of structural and functional alterations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 140, 142-148.	2.0	281
27	Illuminating the BOLD signal: combined fMRI&fNIRS studies. <i>Magnetic Resonance Imaging</i> , 2006, 24, 495-505.	1.0	277
28	Nitric Oxide Scavenging by Hemoglobin or Nitric Oxide Synthase Inhibition by N-Nitro-L-Arginine Induces Cortical Spreading Ischemia When K <sup>+</sup> Is Increased in the Subarachnoid Space. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 978-990.	2.4	267
29	Beyond the Visible???Imaging the Human Brain With Light. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, , 1-18.	2.4	260
30	Long-term effects of motor training on resting-state networks and underlying brain structure. <i>NeuroImage</i> , 2011, 57, 1492-1498.	2.1	247
31	Time-resolved multidistance near-infrared spectroscopy of the adult head: intracerebral and extracerebral absorption changes from moments of distribution of times of flight of photons. <i>Applied Optics</i> , 2004, 43, 3037.	2.1	240
32	Near-infrared spectroscopy: does it function in functional activation studies of the adult brain?. <i>International Journal of Psychophysiology</i> , 2000, 35, 125-142.	0.5	239
33	An fMRI study of simple ethical decision-making. <i>NeuroReport</i> , 2003, 14, 1215-1219.	0.6	239
34	Noninvasive Functional Imaging of Human Brain Using Light. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 469-477.	2.4	233
35	A Systematic Relationship Between Functional Connectivity and Intracortical Myelin in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 981-997.	1.6	233
36	Simultaneous EEG&fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 823-838.	2.9	232

#	ARTICLE	IF	CITATIONS
37	Role of nitric oxide in the coupling of cerebral blood flow to neuronal activation in rats. <i>Neuroscience Letters</i> , 1993, 149, 43-46.	1.0	217
38	Towards a standard analysis for functional near-infrared imaging. <i>NeuroImage</i> , 2004, 21, 283-290.	2.1	213
39	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 289-307.	1.1	209
40	Cellular Immunodepression Preceding Infectious Complications after Acute Ischemic Stroke in Humans. <i>Cerebrovascular Diseases</i> , 2008, 25, 50-58.	0.8	205
41	The effects of plant-based diets on the body and the brain: a systematic review. <i>Translational Psychiatry</i> , 2019, 9, 226.	2.4	204
42	Sexual dimorphism in the human brain: evidence from neuroimaging. <i>Magnetic Resonance Imaging</i> , 2013, 31, 366-375.	1.0	200
43	Prediction of malignant middle cerebral artery infarction by magnetic resonance imaging within 6 hours of symptom onset: A prospective multicenter observational study. <i>Annals of Neurology</i> , 2010, 68, 435-445.	2.8	198
44	Changes in cerebral perfusion precede plaque formation in multiple sclerosis: a longitudinal perfusion MRI study. <i>Brain</i> , 2004, 127, 111-119.	3.7	194
45	A Physiological Correlate of the "Zoom Lens" of Visual Attention. <i>Journal of Neuroscience</i> , 2003, 23, 3561-3565.	1.7	193
46	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
47	A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019, 6, 180308.	2.4	188
48	Physical model for the spectroscopic analysis of cortical intrinsic optical signals. <i>Physics in Medicine and Biology</i> , 2000, 45, 3749-3764.	1.6	169
49	Age Dependency of Changes in Cerebral Hemoglobin Oxygenation during Brain Activation: A Near-Infrared Spectroscopy Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 1103-1108.	2.4	155
50	Visual Feature and Conjunction Searches of Equal Difficulty Engage Only Partially Overlapping Frontoparietal Networks. <i>NeuroImage</i> , 2002, 15, 16-25.	2.1	153
51	Global Cerebral Ischemia in the Rat: Online Monitoring of Oxygen Free Radical Production Using Chemiluminescence in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 929-940.	2.4	150
52	Heart-brain interactions shape somatosensory perception and evoked potentials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10575-10584.	3.3	148
53	No Evidence for Early Decrease in Blood Oxygenation in Rat Whisker Cortex in Response to Functional Activation. <i>NeuroImage</i> , 2001, 13, 988-1001.	2.1	147
54	Out-of-hospital delays in patients with acute stroke. <i>Annals of Emergency Medicine</i> , 2004, 44, 476-483.	0.3	143

#	ARTICLE	IF	CITATIONS
55	Safety of Tirofiban in Acute Ischemic Stroke. <i>Stroke</i> , 2011, 42, 2388-2392.	1.0	139
56	fMRI shows multiple somatotopic digit representations in human primary somatosensory cortex. <i>NeuroReport</i> , 2000, 11, 1487-1491.	0.6	138
57	Structural brain plasticity in Parkinson's disease induced by balance training. <i>Neurobiology of Aging</i> , 2014, 35, 232-239.	1.5	135
58	Involvement of the human frontal eye field and multiple parietal areas in covert visual selection during conjunction search. <i>European Journal of Neuroscience</i> , 2000, 12, 3407-3414.	1.2	132
59	Functional connectivity of visual cortex in the blind follows retinotopic organization principles. <i>Brain</i> , 2015, 138, 1679-1695.	3.7	132
60	fMRI assessment of somatotopy in human Brodmann area 3b by electrical finger stimulation. <i>NeuroReport</i> , 1998, 9, 207-209.	0.6	131
61	How Ongoing Neuronal Oscillations Account for Evoked fMRI Variability. <i>Journal of Neuroscience</i> , 2011, 31, 11016-11027.	1.7	131
62	A Comparison between Uni- and Bilateral tDCS Effects on Functional Connectivity of the Human Motor Cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 183.	1.0	131
63	Lesion location matters: The relationships between white matter hyperintensities on cognition in the healthy elderly. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 36-43.	2.4	130
64	Influence of bodily harm on neural correlates of semantic and moral decision-making. <i>NeuroImage</i> , 2005, 24, 887-897.	2.1	129
65	Combined Evaluation of FDG-PET and MRI Improves Detection and Differentiation of Dementia. <i>PLoS ONE</i> , 2011, 6, e18111.	1.1	129
66	Now you feel it-now you don't: ERP correlates of somatosensory awareness. <i>Psychophysiology</i> , 2006, 43, 31-40.	1.2	128
67	Obesity-Related Differences between Women and Men in Brain Structure and Goal-Directed Behavior. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 58.	1.0	127
68	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. <i>NeuroImage</i> , 2017, 146, 226-235.	2.1	127
69	Assessment of Local Brain Activation. <i>Advances in Experimental Medicine and Biology</i> , 1997, , 149-153.	0.8	127
70	Habituation of the Visually Evoked Potential and Its Vascular Response: Implications for Neurovascular Coupling in the Healthy Adult. <i>NeuroImage</i> , 2002, 17, 1-18.	2.1	126
71	Dynamic modulation of intrinsic functional connectivity by transcranial direct current stimulation. <i>Journal of Neurophysiology</i> , 2012, 108, 3253-3263.	0.9	124
72	Can impaired working memory functioning be improved by training? A meta-analysis with a special focus on brain injured patients.. <i>Neuropsychology</i> , 2016, 30, 190-212.	1.0	121

#	ARTICLE	IF	CITATIONS
73	Sex-Dependent Influences of Obesity on Cerebral White Matter Investigated by Diffusion-Tensor Imaging. PLoS ONE, 2011, 6, e18544.	1.1	121
74	Non-invasive functional mapping of the human motor cortex using near-infrared spectroscopy. NeuroReport, 1996, 7, 1977-1981.	0.6	118
75	Spatial Attention Related SEP Amplitude Modulations Covary with BOLD Signal in S1 – A Simultaneous EEG – fMRI Study. Cerebral Cortex, 2008, 18, 2686-2700.	1.6	118
76	Differential effects of global and cerebellar normalization on detection and differentiation of dementia in FDG-PET studies. NeuroImage, 2010, 49, 1490-1495.	2.1	118
77	Determination of the wavelength dependence of the differential pathlength factor from near-infrared pulse signals. Physics in Medicine and Biology, 1998, 43, 1771-1782.	1.6	112
78	Identifying the perfusion deficit in acute stroke with resting-state functional magnetic resonance imaging. Annals of Neurology, 2013, 73, 136-140.	2.8	112
79	The Impact of Atrial Fibrillation on the Cost of Stroke: The Berlin Acute Stroke Study. Value in Health, 2007, 10, 137-143.	0.1	108
80	Individual differences in moral judgment competence influence neural correlates of socio-normative judgments. Social Cognitive and Affective Neuroscience, 2008, 3, 33-46.	1.5	108
81	In-vivo Dynamics of the Human Hippocampus across the Menstrual Cycle. Scientific Reports, 2016, 6, 32833.	1.6	108
82	Linear Aspects of Changes in Deoxygenated Hemoglobin Concentration and Cytochrome Oxidase Oxidation during Brain Activation. NeuroImage, 2001, 13, 520-530.	2.1	107
83	Meta-analysis based SVM classification enables accurate detection of Alzheimer's disease across different clinical centers using FDG-PET and MRI. Psychiatry Research - Neuroimaging, 2013, 212, 230-236.	0.9	107
84	Multiple mechanisms link prestimulus neural oscillations to sensory responses. ELife, 2019, 8, .	2.8	107
85	Visceral obesity relates to deep white matter hyperintensities via inflammation. Annals of Neurology, 2019, 85, 194-203.	2.8	106
86	Evidence for a Rostral-to-Caudal Somatotopic Organization in Human Primary Somatosensory Cortex with Mirror-reversal in Areas 3b and 1. Cerebral Cortex, 2003, 13, 987-993.	1.6	105
87	State-dependencies of learning across brain scales. Frontiers in Computational Neuroscience, 2015, 9, 1.	1.2	104
88	Noninvasive Assessment of Changes in Cytochrome-c Oxidase Oxidation in Human Subjects during Visual Stimulation. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 592-603.	2.4	103
89	Response inhibition and its relation to multidimensional impulsivity. NeuroImage, 2014, 103, 241-248.	2.1	103
90	Separability and cross talk: optimizing dual wavelength combinations for near-infrared spectroscopy of the adult head. NeuroImage, 2004, 22, 583-589.	2.1	101

#	ARTICLE	IF	CITATIONS
91	The $\beta$ -lactam antibiotic, ceftriaxone, dramatically improves survival, increases glutamate uptake and induces neurotrophins in stroke. <i>Journal of Hypertension</i> , 2008, 26, 2426-2435.	0.3	101
92	Knowledge About Risk Factors for Stroke. <i>Stroke</i> , 2006, 37, 946-950.	1.0	100
93	Slave to habit? Obesity is associated with decreased behavioural sensitivity to reward devaluation. <i>Appetite</i> , 2015, 87, 175-183.	1.8	99
94	Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. <i>NeuroImage</i> , 2016, 131, 55-72.	2.1	99
95	Reference intervals for plasma free metanephrines with an age adjustment for normetanephrine for optimized laboratory testing of pheochromocytoma. <i>Annals of Clinical Biochemistry</i> , 2013, 50, 62-69.	0.8	98
96	A neural network reflecting individual differences in cognitive processing of emotions during perceptual decision making. <i>NeuroImage</i> , 2006, 33, 1016-1027.	2.1	96
97	Higher sensitivity to sweet and salty taste in obese compared to lean individuals. <i>Appetite</i> , 2017, 111, 158-165.	1.8	96
98	Cerebellar Transcranial Direct Current Stimulation Modulates Verbal Working Memory. <i>Brain Stimulation</i> , 2013, 6, 649-653.	0.7	95
99	Amphetamine modulates brain signal variability and working memory in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7593-7598.	3.3	94
100	Musical agency reduces perceived exertion during strenuous physical performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17784-17789.	3.3	92
101	Altered function of ventral striatum during reward-based decision making in old age. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 34.	1.0	89
102	Noninvasive monitoring of cerebral blood flow by a dye bolus method: Separation of brain from skin and skull signals. <i>Journal of Biomedical Optics</i> , 2002, 7, 464.	1.4	88
103	Learning-Related Gray and White Matter Changes in Humans. <i>Neuroscientist</i> , 2012, 18, 320-325.	2.6	88
104	The interaction of acute and chronic stress impairs model-based behavioral control. <i>Psychoneuroendocrinology</i> , 2015, 53, 268-280.	1.3	88
105	Executive deficits are related to the inferior frontal junction in early dementia. <i>Brain</i> , 2012, 135, 201-215.	3.7	87
106	Thalamic sensory strokes with and without pain: differences in lesion patterns in the ventral posterior thalamus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 776-784.	0.9	87
107	Imperceptible Stimuli and Sensory Processing Impediment. <i>Science</i> , 2003, 299, 1864-1864.	6.0	86
108	Now You'll Feel It, Now You Won't: EEG Rhythms Predict the Effectiveness of Perceptual Masking. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2407-2419.	1.1	85

#	ARTICLE	IF	CITATIONS
109	Neural Correlates of Vibrotactile Working Memory in the Human Brain. <i>Journal of Neuroscience</i> , 2006, 26, 13231-13239.	1.7	84
110	Higher body mass index in older adults is associated with lower gray matter volume: implications for memory performance. <i>Neurobiology of Aging</i> , 2016, 40, 1-10.	1.5	84
111	The fast optical signal is Robust or elusive when non-invasively measured in the human adult?. <i>NeuroImage</i> , 2005, 26, 996-1008.	2.1	82
112	Influence of ongoing alpha rhythm on the visual evoked potential. <i>NeuroImage</i> , 2008, 39, 707-716.	2.1	82
113	Prospective study on the mismatch concept in acute stroke patients within the first 24 h after symptom onset - 1000Plus study. <i>BMC Neurology</i> , 2009, 9, 60.	0.8	82
114	Mild Cognitive Impairment: Incidence and Risk Factors: Results of the Leipzig Longitudinal Study of the Aged. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1903-1910.	1.3	82
115	Serotonergic Modulation of Intrinsic Functional Connectivity. <i>Current Biology</i> , 2014, 24, 2314-2318.	1.8	82
116	Body weight status, eating behavior, sensitivity to reward/punishment, and gender: relationships and interdependencies. <i>Frontiers in Psychology</i> , 2014, 5, 1073.	1.1	81
117	Candesartan but not ramipril pretreatment improves outcome after stroke and stimulates neurotrophin BDNF/TrkB system in rats. <i>Journal of Hypertension</i> , 2008, 26, 544-552.	0.3	80
118	Multivariate Machine Learning Methods for Fusing Multimodal Functional Neuroimaging Data. <i>Proceedings of the IEEE</i> , 2015, 103, 1507-1530.	16.4	79
119	Pharmacological Uncoupling of Activation Induced Increases in CBF and CMRO <sub>2</sub> . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 311-322.	2.4	78
120	Progesterone mediates brain functional connectivity changes during the menstrual cycle - a pilot resting state MRI study. <i>Frontiers in Neuroscience</i> , 2015, 9, 44.	1.4	76
121	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 331-338.	0.9	75
122	Rapid and specific gray matter changes in M1 induced by balance training. <i>NeuroImage</i> , 2016, 133, 399-407.	2.1	75
123	Body Topography Parcellates Human Sensory and Motor Cortex. <i>Cerebral Cortex</i> , 2017, 27, 3790-3805.	1.6	75
124	Visual evoked potentials recovered from fMRI scan periods. <i>Human Brain Mapping</i> , 2005, 26, 221-230.	1.9	73
125	Longitudinal Effects of Lesions on Functional Networks after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1279-1285.	2.4	73
126	Anodal transcranial direct current stimulation (tDCS) over supplementary motor area (SMA) but not pre-SMA promotes short-term visuomotor learning. <i>Brain Stimulation</i> , 2013, 6, 101-107.	0.7	73



#	ARTICLE	IF	CITATIONS
127	The human somatosensory system: From perception to decision making. <i>Progress in Neurobiology</i> , 2013, 103, 76-97.	2.8	73
128	Components of a Mediterranean diet and their impact on cognitive functions in aging. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 132.	1.7	71
129	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	1.0	71
130	Representational overlap of adjacent fingers in multiple areas of human primary somatosensory cortex depends on electrical stimulus intensity: an fMRI study. <i>Brain Research</i> , 2001, 899, 36-46.	1.1	70
131	Temporal profile of T2-Weighted MRI Distinguishes between Pannecrosis and Selective Neuronal Death after Transient Focal Cerebral Ischemia in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 38-47.	2.4	70
132	Noninvasive near Infrared Spectroscopy Monitoring of Regional Cerebral Blood Oxygenation Changes during Peri-Infarct Depolarizations in Focal Cerebral Ischemia in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 950-954.	2.4	69
133	Evaluating gradient artifact correction of EEG data acquired simultaneously with fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 923-932.	1.0	69
134	Increased Functional Connectivity between Prefrontal Cortex and Reward System in Pathological Gambling. <i>PLoS ONE</i> , 2013, 8, e84565.	1.1	69
135	Eating Behaviour in the General Population: An Analysis of the Factor Structure of the German Version of the Three-Factor-Eating-Questionnaire (TFEQ) and Its Association with the Body Mass Index. <i>PLoS ONE</i> , 2015, 10, e0133977.	1.1	69
136	Transcranial direct current stimulation (tDCS) over primary motor cortex leg area promotes dynamic balance task performance. <i>Clinical Neurophysiology</i> , 2016, 127, 2455-2462.	0.7	69
137	In vivo confocal scanning laser microscopy of the cerebral microcirculation. <i>Journal of Microscopy</i> , 1992, 165, 147-157.	0.8	68
138	Exenatide-Induced Reduction in Energy Intake Is Associated With Increase in Hypothalamic Connectivity. <i>Diabetes Care</i> , 2013, 36, 1933-1940.	4.3	68
139	Early Small Vessel Disease Affects Frontoparietal and Cerebellar Hubs in Close Correlation with Clinical Symptoms—A Resting-State fMRI Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1091-1095.	2.4	68
140	Imaging of leukocytes within the rat brain cortex in vivo. <i>Microvascular Research</i> , 1991, 42, 305-315.	1.1	67
141	Saccadic Suppression Induces Focal Hypoxygenation in the Occipital Cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1103-1110.	2.4	67
142	Cortical thickness in primary sensorimotor cortex influences the effectiveness of paired associative stimulation. <i>NeuroImage</i> , 2012, 60, 864-870.	2.1	67
143	Overlapping and parallel cerebello-cerebral networks contributing to sensorimotor control: An intrinsic functional connectivity study. <i>NeuroImage</i> , 2013, 83, 837-848.	2.1	67
144	Dynamic network participation of functional connectivity hubs assessed by resting-state fMRI. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 195.	1.0	67

#	ARTICLE	IF	CITATIONS
145	White matter microstructural variability mediates the relation between obesity and cognition in healthy adults. <i>NeuroImage</i> , 2018, 172, 239-249.	2.1	67
146	White matter hyperintensities associated with small vessel disease impair social cognition beside attention and memory. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 996-1009.	2.4	66
147	Blockade of Nitric Oxide Synthesis in Rats Strongly Attenuates the CBF Response to Extracellular Acidosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993, 13, 535-539.	2.4	65
148	Event-related fMRI of the somatosensory system using electrical finger stimulation. <i>NeuroReport</i> , 2002, 13, 365-369.	0.6	64
149	Ultrahigh-frequency EEG during fMRI: Pushing the limits of imaging-artifact correction. <i>NeuroImage</i> , 2009, 48, 94-108.	2.1	64
150	Effects of repetitive transcranial magnetic stimulation over dorsolateral prefrontal and posterior parietal cortex on memory-guided saccades. <i>Experimental Brain Research</i> , 1998, 118, 197-204.	0.7	63
151	Relationship between imaging biomarkers, age, progression and symptom severity in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 3, 84-94.	1.4	63
152	Gender Influences on Brain Responses to Errors and Post-Error Adjustments. <i>Scientific Reports</i> , 2016, 6, 24435.	1.6	63
153	Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults – A randomized controlled trial. <i>NeuroImage</i> , 2018, 174, 177-190.	2.1	63
154	High-resolution MRI and diffusion-weighted imaging of the human habenula at 7 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1018-1026.	1.9	62
155	Endurance Exercise as an “Endogenous” Neuro-enhancement Strategy to Facilitate Motor Learning. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 692.	1.0	62
156	Validating Serum S100B and Neuron-Specific Enolase as Biomarkers for the Human Brain – A Combined Serum, Gene Expression and MRI Study. <i>PLoS ONE</i> , 2012, 7, e43284.	1.1	62
157	Increased serotonin transporter availability in the brainstem of migraineurs. <i>Journal of Neurology</i> , 2007, 254, 789-796.	1.8	61
158	Dissociating behavioral disorders in early dementia – An FDG-PET study. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 235-244.	0.9	61
159	Physical exercise in overweight to obese individuals induces metabolic- and neurotrophic-related structural brain plasticity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 372.	1.0	61
160	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
161	Dissociating Memory Networks in Early Alzheimer’s Disease and Frontotemporal Lobar Degeneration - A Combined Study of Hypometabolism and Atrophy. <i>PLoS ONE</i> , 2013, 8, e55251.	1.1	59
162	The association between unemployment and depression – Results from the population-based LIFE-adult-study. <i>Journal of Affective Disorders</i> , 2018, 235, 399-406.	2.0	59

#	ARTICLE	IF	CITATIONS
163	Dynamic causal modeling suggests serial processing of tactile vibratory stimuli in the human somatosensory cortex. An fMRI study. <i>NeuroImage</i> , 2013, 74, 164-171.	2.1	58
164	The functional neuroanatomy of visual conjunction search: a parametric fMRI study. <i>NeuroImage</i> , 2003, 20, 1578-1590.	2.1	57
165	Evidence from neuroimaging for the role of the menstrual cycle in the interplay of emotion and cognition. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 374.	1.0	57
166	Three-Dimensional Reconstruction of the Rat Brain Cortical Microcirculation in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 353-360.	2.4	56
167	Perfusion and diffusion magnetic resonance imaging in human cerebral venous thrombosis. <i>Journal of Neurology</i> , 2001, 248, 564-571.	1.8	56
168	Functional assessment of Broca's area using near infrared spectroscopy in humans. <i>NeuroReport</i> , 2003, 14, 1961-1965.	0.6	56
169	Peptide hormones regulating appetite: focus on neuroimaging studies in humans. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 104-112.	1.7	56
170	Internal ventilation system of MR scanners induces specific EEG artifact during simultaneous EEG-fMRI. <i>NeuroImage</i> , 2013, 74, 70-76.	2.1	56
171	Higher body mass index is associated with reduced posterior default mode connectivity in older adults. <i>Human Brain Mapping</i> , 2017, 38, 3502-3515.	1.9	56
172	Re-thinking the Etiological Framework of Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 728.	1.4	56
173	Interhemispheric Interactions between the Human Primary Somatosensory Cortices. <i>PLoS ONE</i> , 2011, 6, e16150.	1.1	56
174	Role of ventral striatum in reward-based decision making. <i>NeuroReport</i> , 2007, 18, 951-955.	0.6	55
175	High-resolution optical functional mapping of the human somatosensory cortex. <i>Frontiers in Neuroenergetics</i> , 2010, 2, 12.	5.3	54
176	Bidirectional gray matter changes after complex motor skill learning. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 37.	1.2	54
177	Comparison of variants of canonical correlation analysis and partial least squares for combined analysis of MRI and genetic data. <i>NeuroImage</i> , 2015, 107, 289-310.	2.1	54
178	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	1.9	54
179	Nitric Oxide Synthase Blockade Enhances Vasomotion in the Cerebral Microcirculation of Anesthetized Rats. <i>Microvascular Research</i> , 1993, 45, 318-323.	1.1	53
180	Separation of changes in light scattering and chromophore concentrations during cortical spreading depression in rats. <i>Optics Letters</i> , 1998, 23, 555.	1.7	53

#	ARTICLE	IF	CITATIONS
181	Population-Based Intervention to Reduce Prehospital Delays in Patients With Cerebrovascular Events. <i>Archives of Internal Medicine</i> , 2009, 169, 1484.	4.3	53
182	B-waves in healthy persons. <i>Neurological Research</i> , 1989, 11, 194-196.	0.6	52
183	Prior Information Biases Stimulus Representations during Vibrotactile Decision Making. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 875-887.	1.1	52
184	Immune responses after acute ischemic stroke or myocardial infarction. <i>International Journal of Cardiology</i> , 2012, 155, 372-377.	0.8	52
185	The Value of Resting-State Functional Magnetic Resonance Imaging in Stroke. <i>Stroke</i> , 2014, 45, 2818-2824.	1.0	52
186	Prevalence and risk factors of depressive symptoms in latest life“ results of the Leipzig Longitudinal Study of the Aged (LEILA 75+). <i>International Journal of Geriatric Psychiatry</i> , 2012, 27, 286-295.	1.3	51
187	The perception of touch and the ventral somatosensory pathway. <i>Brain</i> , 2015, 138, 540-548.	3.7	51
188	Elevated brain oxygen extraction fraction measured by MRI susceptibility relates to perfusion status in acute ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 539-551.	2.4	51
189	Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behavior. <i>Translational Psychiatry</i> , 2021, 11, 500.	2.4	51
190	Confocal laser microscopy to study microcirculation on the rat brain surface in vivo. <i>Brain Research</i> , 1989, 504, 159-160.	1.1	50
191	Excessive oxygen or glucose supply does not alter the blood flow response to somatosensory stimulation or spreading depression in rats. <i>Brain Research</i> , 1997, 761, 290-299.	1.1	50
192	Three-Dimensional Mean-Shift Edge Bundling for the Visualization of Functional Connectivity in the Brain. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 471-480.	2.9	50
193	Cerebellar-Parietal Connections Underpin Phonological Storage. <i>Journal of Neuroscience</i> , 2014, 34, 5029-5037.	1.7	50
194	No Overt Effects of a 6-Week Exergame Training on Sensorimotor and Cognitive Function in Older Adults. A Preliminary Investigation. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 160.	1.0	50
195	A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019, 6, 180307.	2.4	50
196	Power and temporal dynamics of alpha oscillations at rest differentiate cognitive performance involving sustained and phasic cognitive control. <i>NeuroImage</i> , 2019, 188, 135-144.	2.1	50
197	Immediate brain plasticity after one hour of brain“computer interface (BCI). <i>Journal of Physiology</i> , 2021, 599, 2435-2451.	1.3	50
198	Menstrual Cycle Phase Modulates Emotional Conflict Processing in Women with and without Premenstrual Syndrome (PMS) “ A Pilot Study. <i>PLoS ONE</i> , 2013, 8, e59780.	1.1	50

#	ARTICLE	IF	CITATIONS
199	Iowa Gambling Task: there is more to consider than long-term outcome. Using a linear equation model to disentangle the impact of outcome and frequency of gains and losses. <i>Frontiers in Neuroscience</i> , 2012, 6, 61.	1.4	49
200	Systemic Nitric Oxide Synthase Inhibition Does Not Affect Brain Oxygenation during Cortical Spreading Depression in Rats: A Noninvasive Near-Infrared Spectroscopy and Laser-Doppler Flowmetry Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 1100-1107.	2.4	48
201	Simultaneous near-infrared spectroscopy monitoring of left and right occipital areas reveals contra-lateral hemodynamic changes upon hemi-field paradigm. <i>Vision Research</i> , 2001, 41, 97-102.	0.7	48
202	Diffusion-Weighted Imaging in Acute Stroke – A Tool of Uncertain Value?. <i>Cerebrovascular Diseases</i> , 2002, 14, 187-196.	0.8	48
203	Progressive change in primary progressive multiple sclerosis normal-appearing white matter: a serial diffusion magnetic resonance imaging study. <i>Multiple Sclerosis Journal</i> , 2004, 10, 182-187.	1.4	48
204	Phasic Modulation of Human Somatosensory Perception by Transcranially Applied Oscillating Currents. <i>Brain Stimulation</i> , 2016, 9, 712-719.	0.7	48
205	Salivary cortisone, as a biomarker for psychosocial stress, is associated with state anxiety and heart rate. <i>Psychoneuroendocrinology</i> , 2019, 101, 35-41.	1.3	46
206	Simultaneous Assessment of Cerebral Oxygenation and Hemodynamics During a Motor Task. <i>Advances in Experimental Medicine and Biology</i> , 1997, 411, 461-469.	0.8	46
207	Proprioceptive head posture-related processing in human polysensory cortical areas. <i>NeuroImage</i> , 2008, 40, 1232-1242.	2.1	45
208	Visually-Driven Maps in Area 3b. <i>Journal of Neuroscience</i> , 2018, 38, 1295-1310.	1.7	45
209	Intermittent compared to continuous real-time fMRI neurofeedback boosts control over amygdala activation. <i>NeuroImage</i> , 2018, 166, 198-208.	2.1	45
210	Brain Damage With Heart Failure. <i>Circulation Research</i> , 2020, 126, 750-764.	2.0	45
211	Alexithymic features and the labeling of brief emotional facial expressions – An fMRI study. <i>Neuropsychologia</i> , 2014, 64, 289-299.	0.7	44
212	Relationship Between Changes in the Temporal Dynamics of the Blood-Oxygen-Level-Dependent Signal and Hypoperfusion in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 925-931.	1.0	44
213	Near-Infrared Spectroscopy in Functional Activation Studies. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 113-127.	0.8	44
214	Hepatobiliary MR contrast agents: 5-substituted iron-EHPG derivatives. <i>Magnetic Resonance in Medicine</i> , 1987, 4, 582-590.	1.9	43
215	Neural correlates of syntactic transformations. <i>Human Brain Mapping</i> , 2004, 22, 72-81.	1.9	43
216	Neurovascular coupling analyzed non-invasively in the human brain. <i>NeuroReport</i> , 2004, 15, 63-66.	0.6	43

#	ARTICLE	IF	CITATIONS
217	Prevalence of DSM-5 Mild Neurocognitive Disorder in Dementia-Free Older Adults: Results of the Population-Based LIFE-Adult-Study. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 328-339.	0.6	43
218	Imperceptible Somatosensory Stimulation Alters Sensorimotor Background Rhythm and Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 5917-5925.	1.7	42
219	Alpha-Band Brain Oscillations Shape the Processing of Perceptible as well as Imperceptible Somatosensory Stimuli during Selective Attention. <i>Journal of Neuroscience</i> , 2017, 37, 6983-6994.	1.7	42
220	Failing to learn from negative prediction errors: Obesity is associated with alterations in a fundamental neural learning mechanism. <i>Cortex</i> , 2017, 95, 222-237.	1.1	42
221	Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019, 92, e758-e773.	1.5	42
222	Respiration, Heartbeat, and Conscious Tactile Perception. <i>Journal of Neuroscience</i> , 2022, 42, 643-656.	1.7	42
223	Neuroanatomical correlates of food addiction symptoms and body mass index in the general population. <i>Human Brain Mapping</i> , 2019, 40, 2747-2758.	1.9	41
224	Common Genetic Variation near MC4R Has a Sex-Specific Impact on Human Brain Structure and Eating Behavior. <i>PLoS ONE</i> , 2013, 8, e74362.	1.1	41
225	Multidimensional Evaluation of Virtual Reality Paradigms in Clinical Neuropsychology: Application of the VR-Check Framework. <i>Journal of Medical Internet Research</i> , 2020, 22, e16724.	2.1	41
226	High-frequency (600ÂHz) population spikes in human EEG delineate thalamic and cortical fMRI activation sites. <i>NeuroImage</i> , 2008, 42, 483-490.	2.1	40
227	Clock Drawing Test " screening utility for mild cognitive impairment according to different scoring systems: results of the Leipzig Longitudinal Study of the Aged (LEILA 75+). <i>International Psychogeriatrics</i> , 2011, 23, 1592-1601.	0.6	40
228	Cytochrome-c-oxidase redox changes during visual stimulation measured by near-infrared spectroscopy cannot be explained by a mere cross talk artefact. <i>NeuroImage</i> , 2004, 22, 109-119.	2.1	39
229	Synchronization between Background Activity and Visually Evoked Potential Is Not Mirrored by Focal Hyperoxygenation: Implications for the Interpretation of Vascular Brain Imaging. <i>Journal of Neuroscience</i> , 2006, 26, 4940-4948.	1.7	39
230	The Use of the 12-Item Short-Form Health Status Instrument in a Longitudinal Study of Patients with Stroke and Transient Ischaemic Attack. <i>Neuroepidemiology</i> , 2005, 24, 196-202.	1.1	38
231	Comparison between single and combined treatment with candesartan and pioglitazone following transient focal ischemia in rat brain. <i>Brain Research</i> , 2008, 1208, 225-233.	1.1	38
232	Effect of transcranial direct current stimulation (tDCS) during complex whole body motor skill learning. <i>Neuroscience Letters</i> , 2013, 552, 76-80.	1.0	38
233	Cerebral Oxygenation Changes During Motor and Somatosensory Stimulation in Humans, as Measured by Near-Infrared Spectroscopy. <i>Advances in Experimental Medicine and Biology</i> , 1996, 388, 219-224.	0.8	38
234	Decrease in haemoglobin oxygenation during absence seizures in adult humans. <i>Neuroscience Letters</i> , 2004, 354, 119-122.	1.0	37

#	ARTICLE	IF	CITATIONS
235	Neural Control of Vascular Reactions: Impact of Emotion and Attention. <i>Journal of Neuroscience</i> , 2014, 34, 4251-4259.	1.7	37
236	The impact of ischemic stroke on connectivity gradients. <i>NeuroImage: Clinical</i> , 2019, 24, 101947.	1.4	37
237	Active information sampling varies across the cardiac cycle. <i>Psychophysiology</i> , 2019, 56, e13322.	1.2	37
238	Functional neuroimaging in obesity and the potential for development of novel treatments. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 695-705.	5.5	36
239	Interactions between cardiac activity and conscious somatosensory perception. <i>Psychophysiology</i> , 2019, 56, e13424.	1.2	36
240	Understanding Functional Neuroimaging Methods Based on Neurovascular Coupling. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 177-193.	0.8	35
241	Abdominal fat distribution and its relationship to brain changes: the differential effects of age on cerebellar structure and function: a cross-sectional, exploratory study. <i>BMJ Open</i> , 2013, 3, e001915.	0.8	35
242	Baseline oxygenation in the brain: Correlation between respiratory-calibration and susceptibility methods. <i>NeuroImage</i> , 2016, 125, 920-931.	2.1	35
243	Oscillatory brain states interact with late cognitive components of the somatosensory evoked potential. <i>Journal of Neuroscience Methods</i> , 2009, 183, 49-56.	1.3	34
244	Patient-reported outcomes in adequately treated hypothyroidism – insights from the German versions of ThyDQoL, ThySRQ and ThyTSQ. <i>Health and Quality of Life Outcomes</i> , 2013, 11, 68.	1.0	34
245	Affect and the Brain's Functional Organization: A Resting-State Connectivity Approach. <i>PLoS ONE</i> , 2013, 8, e68015.	1.1	34
246	Association between mental demands at work and cognitive functioning in the general population – results of the health study of the Leipzig research center for civilization diseases (LIFE). <i>Journal of Occupational Medicine and Toxicology</i> , 2014, 9, 23.	0.9	34
247	Anodal Transcranial Direct Current Stimulation Does Not Facilitate Dynamic Balance Task Learning in Healthy Old Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 16.	1.0	34
248	Decoding subjective emotional arousal from EEG during an immersive virtual reality experience. <i>ELife</i> , 2021, 10, .	2.8	34
249	Transcranial Magnetic Stimulation Intensities in Cognitive Paradigms. <i>PLoS ONE</i> , 2011, 6, e24836.	1.1	33
250	Effects of Finger Tapping Frequency on Regional Homogeneity of Sensorimotor Cortex. <i>PLoS ONE</i> , 2013, 8, e64115.	1.1	33
251	Functional connectivity-based parcellation of the human sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2014, 39, 1332-1342.	1.2	33
252	The value of resting-state functional MRI in subacute ischemic stroke: comparison with dynamic susceptibility contrast-enhanced perfusion MRI. <i>Scientific Reports</i> , 2017, 7, 41586.	1.6	33



#	ARTICLE	IF	CITATIONS
253	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	1.2	33
254	Colocalized White Matter Plasticity and Increased Cerebral Blood Flow Mediate the Beneficial Effect of Cardiovascular Exercise on Long-Term Motor Learning. <i>Journal of Neuroscience</i> , 2020, 40, 2416-2429.	1.7	33
255	Social factors and the prevalence of social isolation in a population-based adult cohort. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2022, 57, 1959-1968.	1.6	33
256	Identifying the Neural Correlates of Executive Functions in Early Cerebral Microangiopathy: A Combined VBM and DTI Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1869-1878.	2.4	32
257	Role of genetic variants in ADIPOQ in human eating behavior. <i>Genes and Nutrition</i> , 2015, 10, 449.	1.2	32
258	A software tool for interactive exploration of intrinsic functional connectivity opens new perspectives for brain surgery. <i>Acta Neurochirurgica</i> , 2011, 153, 1561-1572.	0.9	31
259	Impact of Anticoagulation before Stroke on Stroke Severity and Long-Term Survival. <i>International Journal of Stroke</i> , 2012, 7, 544-550.	2.9	31
260	Altered monetary loss processing and reinforcement-based learning in individuals with obesity. <i>Brain Imaging and Behavior</i> , 2018, 12, 1431-1449.	1.1	31
261	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	5.8	31
262	Predicting the Response to Non-invasive Brain Stimulation in Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 302.	1.1	31
263	What Happens in Between? Human Oscillatory Brain Activity Related to Crossmodal Spatial Cueing. <i>PLoS ONE</i> , 2008, 3, e1467.	1.1	31
264	Subarea-specific Suppressive Interaction in the BOLD Responses to Simultaneous Finger Stimulation in Human Primary Somatosensory Cortex: Evidence for Increasing Rostral-to-caudal Convergence. <i>Cerebral Cortex</i> , 2006, 16, 819-826.	1.6	30
265	Instrument specific use-dependent plasticity shapes the anatomical properties of the corpus callosum: a comparison between musicians and non-musicians. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 245.	1.0	30
266	Improving motor performance without training: the effect of combining mirror visual feedback with transcranial direct current stimulation. <i>Journal of Neurophysiology</i> , 2015, 113, 2383-2389.	0.9	30
267	Outcomes of stable and unstable patterns of subjective cognitive decline – results from the Leipzig Longitudinal Study of the Aged (LEILA75+). <i>BMC Geriatrics</i> , 2016, 16, 180.	1.1	30
268	The neural networks of subjectively evaluated emotional conflicts. <i>Human Brain Mapping</i> , 2016, 37, 2234-2246.	1.9	30
269	Role of Nitric Oxide Synthase Inhibition in Leukocyte-Endothelium Interaction in the Rat Pial Microvasculature. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 1143-1152.	2.4	29
270	Preserved Responsiveness of Secondary Somatosensory Cortex in Patients with Thalamic Stroke. <i>Cerebral Cortex</i> , 2006, 16, 1431-1439.	1.6	29



#	ARTICLE	IF	CITATIONS
271	Differential cerebral response to somatosensory stimulation of an acupuncture point vs. two non-acupuncture points measured with EEG and fMRI. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 74.	1.0	29
272	Slips of Action and Sequential Decisions: A Cross-Validation Study of Tasks Assessing Habitual and Goal-Directed Action Control. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 234.	1.0	29
273	Gray matter structural networks are associated with cardiovascular risk factors in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 360-372.	2.4	29
274	Association of Estradiol and Visceral Fat With Structural Brain Networks and Memory Performance in Adults. <i>JAMA Network Open</i> , 2019, 2, e196126.	2.8	29
275	Heartbeat and somatosensory perception. <i>NeuroImage</i> , 2021, 238, 118247.	2.1	29
276	Gender differences in knowledge of stroke in patients with atrial fibrillation. <i>Preventive Medicine</i> , 2005, 41, 226-231.	1.6	28
277	Effects of Aliskiren on Stroke in Rats Expressing Human Renin and Angiotensinogen Genes. <i>PLoS ONE</i> , 2010, 5, e15052.	1.1	28
278	Prevention and Intervention Studies with Telmisartan, Ramipril and Their Combination in Different Rat Stroke Models. <i>PLoS ONE</i> , 2011, 6, e23646.	1.1	28
279	Depression and Incident Dementia. An 8-Year Population-Based Prospective Study. <i>PLoS ONE</i> , 2013, 8, e59246.	1.1	28
280	Automatic emotion processing as a function of trait emotional awareness: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 680-689.	1.5	28
281	Leptin Substitution in Patients With Lipodystrophy: Neural Correlates for Long-term Success in the Normalization of Eating Behavior. <i>Diabetes</i> , 2016, 65, 2179-2186.	0.3	28
282	Modulation of Somatosensory Alpha Rhythm by Transcranial Alternating Current Stimulation at Mu-Frequency. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 432.	1.0	28
283	Non-invasive monitoring of longitudinal changes in cerebral hemodynamics in acute ischemic stroke using BOLD signal delay. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 23-34.	2.4	28
284	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR $\gamma$ . <i>Cell Reports</i> , 2020, 33, 108295.	2.9	28
285	Age-, sex-, and education-specific norms for an extended CERAD Neuropsychological Assessment Battery—Results from the population-based LIFE-Adult-Study. <i>Neuropsychology</i> , 2018, 32, 461-475.	1.0	28
286	Musical feedback during exercise machine workout enhances mood. <i>Frontiers in Psychology</i> , 2013, 4, 921.	1.1	27
287	Structural and functional MRI study of the brain, cognition and mood in long-term adequately treated Hashimoto's thyroiditis. <i>Psychoneuroendocrinology</i> , 2014, 42, 188-198.	1.3	27
288	Augmenting mirror visual feedback—induced performance improvements in older adults. <i>European Journal of Neuroscience</i> , 2015, 41, 1475-1483.	1.2	27

#	ARTICLE	IF	CITATIONS
289	Unhealthy yet Avoidable—How Cognitive Bias Modification Alters Behavioral and Brain Responses to Food Cues in Individuals with Obesity. <i>Nutrients</i> , 2019, 11, 874.	1.7	27
290	Dissociable neural correlates of stimulation intensity and detection in somatosensation. <i>NeuroImage</i> , 2020, 217, 116908.	2.1	27
291	Are social conflicts at work associated with depressive symptomatology? Results from the population-based LIFE-Adult-Study. <i>Journal of Occupational Medicine and Toxicology</i> , 2020, 15, 1.	0.9	27
292	The effect of a high-polyphenol Mediterranean diet (Green-MED) combined with physical activity on age-related brain atrophy: the Dietary Intervention Randomized Controlled Trial Polyphenols Unprocessed Study (DIRECT PLUS). <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1270-1281.	2.2	27
293	Are VEP Correlated Fast Optical Signals Detectable in the Human Adult by Non-Invasive Nearinfrared Spectroscopy (NIRS)?. <i>Advances in Experimental Medicine and Biology</i> , 2003, 530, 421-431.	0.8	26
294	Physical and organizational provision for installation, regulatory requirements and implementation of a simultaneous hybrid PET/MR-imaging system in an integrated research and clinical setting. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 159-171.	1.1	26
295	Association of the apolipoprotein E genotype with memory performance and executive functioning in cognitively intact elderly.. <i>Neuropsychology</i> , 2015, 29, 382-387.	1.0	26
296	Is it Worth the Effort? Novel Insights into Obesity-Associated Alterations in Cost-Benefit Decision-Making. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 360.	1.0	26
297	High resolution atlas of the venous brain vasculature from 7 T quantitative susceptibility maps. <i>Brain Structure and Function</i> , 2019, 224, 2467-2485.	1.2	26
298	Age-Related Changes of Peak Width Skeletonized Mean Diffusivity (PSMD) Across the Adult Lifespan: A Multi-Cohort Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 342.	1.3	26
299	Weight loss reduces head motion: Revisiting a major confound in neuroimaging. <i>Human Brain Mapping</i> , 2020, 41, 2490-2494.	1.9	26
300	Mapping of the internal structure of human habenula with ex vivo MRI at 7T. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 878.	1.0	25
301	Alexithymia and the labeling of facial emotions: response slowing and increased motor and somatosensory processing. <i>BMC Neuroscience</i> , 2014, 15, 40.	0.8	25
302	Transcranial Alternating Current Stimulation at Beta Frequency: Lack of Immediate Effects on Excitation and Interhemispheric Inhibition of the Human Motor Cortex. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 560.	1.0	25
303	Feasibility and acceptance of simultaneous amyloid PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2236-2243.	3.3	25
304	Gamma and Beta Oscillations in Human MEG Encode the Contents of Vibrotactile Working Memory. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 576.	1.0	25
305	Temporal Signatures of Criticality in Human Cortical Excitability as Probed by Early Somatosensory Responses. <i>Journal of Neuroscience</i> , 2020, 40, 6572-6583.	1.7	25
306	DIAGNOSIS OF SUPERIOR SAGITTAL SINUS THROMBOSIS BY THREE-DIMENSIONAL MAGNETIC RESONANCE FLOW IMAGING. <i>Lancet, The</i> , 1989, 333, 1086-1087.	6.3	24

#	ARTICLE	IF	CITATIONS
307	Insular activity during passive viewing of aversive stimuli reflects individual differences in state negative affect. <i>Brain and Cognition</i> , 2009, 69, 73-80.	0.8	24
308	Reversed timing-dependent associative plasticity in the human brain through interhemispheric interactions. <i>Journal of Neurophysiology</i> , 2013, 109, 2260-2271.	0.9	24
309	Using positron emission tomography to investigate hormone-mediated neurochemical changes across the female lifespan: implications for depression. <i>International Review of Psychiatry</i> , 2017, 29, 580-596.	1.4	24
310	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. <i>NeuroImage</i> , 2017, 146, 804-813.	2.1	24
311	Transient Amplitude Modulation of Alpha-Band Oscillations by Short-Time Intermittent Closed-Loop tACS. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 366.	1.0	24
312	Functional magnetic resonance imaging shows localized brain activation during serial transcranial stimulation in man. <i>NeuroReport</i> , 1996, 7, 734-736.	0.6	23
313	Subcortical lesions after transient thread occlusion in the rat: T2-weighted magnetic resonance imaging findings without corresponding sensorimotor deficits. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 340-346.	1.9	23
314	Musical Agency during Physical Exercise Decreases Pain. <i>Frontiers in Psychology</i> , 2017, 8, 2312.	1.1	23
315	A Metabolic Obesity Profile Is Associated With Decreased Gray Matter Volume in Cognitively Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 202.	1.7	23
316	Acute psychosocial stress alters thalamic network centrality. <i>NeuroImage</i> , 2019, 199, 680-690.	2.1	23
317	Length of Resting Period Between Stimulation Cycles Modulates Hemodynamic Response to a Motor Stimulus. <i>Advances in Experimental Medicine and Biology</i> , 1997, 411, 471-480.	0.8	23
318	Electrical noise modulates perception of electrical pulses in humans: sensation enhancement via stochastic resonance. <i>Journal of Neurophysiology</i> , 2014, 111, 1238-1248.	0.9	22
319	Stopping at the sight of food – How gender and obesity impact on response inhibition. <i>Appetite</i> , 2016, 107, 663-676.	1.8	22
320	Mirror Motor Activity During Right-Hand Contractions and Its Relation to White Matter in the Posterior Midbody of the Corpus Callosum. <i>Cerebral Cortex</i> , 2016, 26, 4347-4355.	1.6	22
321	Syntax in Action Has Priority over Movement Selection in Piano Playing: An ERP Study. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 41-54.	1.1	22
322	The Influence of Negative Emotion on Cognitive and Emotional Control Remains Intact in Aging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 349.	1.7	22
323	Physical Exercise and Spatial Training: A Longitudinal Study of Effects on Cognition, Growth Factors, and Hippocampal Plasticity. <i>Scientific Reports</i> , 2018, 8, 4239.	1.6	22
324	Memory-related subjective cognitive symptoms in the adult population: prevalence and associated factors – results of the LIFE-Adult-Study. <i>BMC Psychology</i> , 2018, 6, 23.	0.9	22

#	ARTICLE	IF	CITATIONS
325	Insulin Resistance Is Associated with Reduced Food Odor Sensitivity across a Wide Range of Body Weights. <i>Nutrients</i> , 2020, 12, 2201.	1.7	22
326	Parietal activation during visual search in the absence of multiple distractors. <i>NeuroReport</i> , 2003, 14, 2257-2261.	0.6	21
327	Inhibitory impact of subliminal electrical finger stimulation on SI representation and perceptual sensitivity of an adjacent finger. <i>NeuroImage</i> , 2008, 39, 1307-1313.	2.1	21
328	Enhancing the effect of repetitive I-wave paired-pulse TMS (iTMS) by adjusting for the individual I-wave periodicity. <i>BMC Neuroscience</i> , 2011, 12, 45.	0.8	21
329	Facilitation of Inferior Frontal Cortex by Transcranial Direct Current Stimulation Induces Perceptual Learning of Severely Degraded Speech. <i>Journal of Neuroscience</i> , 2013, 33, 15868-15878.	1.7	21
330	Functional and Structural Correlates of Motor Speed in the Cerebellar Anterior Lobe. <i>PLoS ONE</i> , 2014, 9, e96871.	1.1	21
331	Combining Magnetic Resonance Imaging within Six-Hours of Symptom Onset with Clinical Follow-Up at 24 h Improves Prediction of "malignant" Middle Cerebral Artery Infarction. <i>International Journal of Stroke</i> , 2014, 9, 210-214.	2.9	21
332	Invisible visual stimuli elicit increases in alpha-band power. <i>Journal of Neurophysiology</i> , 2014, 112, 1082-1090.	0.9	21
333	Connections between Intraparietal Sulcus and a Sensorimotor Network Underpin Sustained Tactile Attention. <i>Journal of Neuroscience</i> , 2015, 35, 7938-7949.	1.7	21
334	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 510.	1.0	21
335	Chronic sensory stroke with and without central pain is associated with bilaterally distributed sensory abnormalities as detected by quantitative sensory testing. <i>Pain</i> , 2016, 157, 194-202.	2.0	21
336	Modulation of Cognitive and Emotional Control in Age-Related Mild-to-Moderate Hearing Loss. <i>Frontiers in Neurology</i> , 2018, 9, 783.	1.1	21
337	Functional Neuroimaging. <i>Advances in Experimental Medicine and Biology</i> , 1997, , 1-18.	0.8	21
338	Near-Infrared Spectroscopy and Imaging. , 2002, , 141-158.		20
339	Diagnostic Transcranial Ultrasound Perfusion-Imaging at 2.5 MHz Does Not Affect the Blood-Brain Barrier. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 147-150.	0.7	20
340	Mortality in Individuals with Subjective Cognitive Decline: Results of the Leipzig Longitudinal Study of the Aged (LEILA75+). <i>Journal of Alzheimer's Disease</i> , 2015, 48, S33-S42.	1.2	20
341	Dual Time-Point [18F]Florbetaben PET Delivers Dual Biomarker Information in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1105-1116.	1.2	20
342	Testosterone imbalance may link depression and increased body weight in premenopausal women. <i>Translational Psychiatry</i> , 2019, 9, 160.	2.4	20

#	ARTICLE	IF	CITATIONS
343	Background and evoked activity and their interaction in the human brain. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1140-1150.	1.0	19
344	Brain imaging in the context of food perception and eating. <i>Current Opinion in Lipidology</i> , 2013, 24, 18-24.	1.2	19
345	First evidence for glial pathology in late life minor depression: S100B is increased in males with minor depression. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 406.	1.8	19
346	The role of dopamine in positive and negative prediction error utilization during incidental learning – Insights from Positron Emission Tomography, Parkinson's disease and Huntington's disease. <i>Cortex</i> , 2017, 90, 149-162.	1.1	19
347	Recursion in action: An fMRI study on the generation of new hierarchical levels in motor sequences. <i>Human Brain Mapping</i> , 2019, 40, 2623-2638.	1.9	19
348	Reduced Olfactory Bulb Volume in Obesity and Its Relation to Metabolic Health Status. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 586998.	1.0	19
349	Mindreading From the Eyes Declines With Aging – Evidence From 1,603 Subjects. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 550416.	1.7	19
350	Evidence that glypican is a receptor mediating $\beta$ -amyloid neurotoxicity in PC12 cells. <i>European Journal of Neuroscience</i> , 1998, 10, 2085-2093.	1.2	18
351	Editorial Comment – Cerebral Near-Infrared Spectroscopy: How Far Away From a Routine Diagnostic Tool?. <i>Stroke</i> , 2004, 35, 70-72.	1.0	18
352	Unraveling connectivity changes due to dopaminergic therapy in chronically treated Parkinson's disease patients. <i>Scientific Reports</i> , 2018, 8, 14328.	1.6	18
353	Alcohol consumption is positively associated with fasting serum ghrelin in non-dependent adults: Results from the population-based LIFE-Adult-Study. <i>Psychoneuroendocrinology</i> , 2018, 97, 143-148.	1.3	18
354	Structural connectivity prior to whole-body sensorimotor skill learning associates with changes in resting state functional connectivity. <i>NeuroImage</i> , 2019, 197, 191-199.	2.1	18
355	Corticomuscular interactions during different movement periods in a multi-joint compound movement. <i>Scientific Reports</i> , 2020, 10, 5021.	1.6	18
356	Morphometric gray matter differences of the medial frontal cortex influence the social Simon effect. <i>NeuroImage</i> , 2012, 61, 1249-1254.	2.1	17
357	Should transesophageal echocardiography be performed in acute stroke patients with atrial fibrillation?. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 554-559.	0.8	17
358	Remote Effects of Non-Invasive Cerebellar Stimulation on Error Processing in Motor Re-Learning. <i>Brain Stimulation</i> , 2016, 9, 692-699.	0.7	17
359	Open Science CBS Neuroimaging Repository: Sharing ultra-high-field MR images of the brain. <i>NeuroImage</i> , 2016, 124, 1143-1148.	2.1	17
360	Effects of psychological eating behaviour domains on the association between socio-economic status and BMI. <i>Public Health Nutrition</i> , 2017, 20, 2706-2712.	1.1	17

#	ARTICLE	IF	CITATIONS
361	WOME: Theory-Based Working Memory Training – A Placebo-Controlled, Double-Blind Evaluation in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 247.	1.7	17
362	Kinematic profiles suggest differential control processes involved in bilateral in-phase and anti-phase movements. <i>Scientific Reports</i> , 2019, 9, 3273.	1.6	17
363	Reduction of somatosensory functional connectivity by transcranial alternating current stimulation at endogenous mu-frequency. <i>NeuroImage</i> , 2020, 221, 117175.	2.1	17
364	Towards Brain Mapping Combining Near-Infrared Spectroscopy and High Resolution 3D MRI. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 139-147.	0.8	17
365	Dopamine release, diffusion and uptake: A computational model for synaptic and volume transmission. <i>PLoS Computational Biology</i> , 2020, 16, e1008410.	1.5	17
366	Inhibition of Cell-Free Protein Synthesis by Low-Molecular-Weight RNAs from Free Cytoplasmic Ribonucleoprotein Particles. <i>FEBS Journal</i> , 1982, 126, 181-188.	0.2	16
367	Correcting saturation effects of the arterial input function in dynamic susceptibility contrast-enhanced MRI – a Monte Carlo simulation. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1300-1311.	1.0	16
368	Vessel segmentation from quantitative susceptibility maps for local oxygenation venography. , 2016, , .		16
369	Shorter-lived neural taste representations in obese compared to lean individuals. <i>Scientific Reports</i> , 2018, 8, 11027.	1.6	16
370	Social Network Types in Old Age and Incident Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2018, 31, 163-170.	1.2	16
371	Interindividual differences in gray and white matter properties are associated with early complex motor skill acquisition. <i>Human Brain Mapping</i> , 2019, 40, 4316-4330.	1.9	16
372	Higher fasting ghrelin serum levels in active smokers than in former and never-smokers. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 748-756.	1.3	16
373	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020, 30, 4121-4139.	1.6	16
374	Neural correlates of conscious tactile perception: An analysis of BOLD activation patterns and graph metrics. <i>NeuroImage</i> , 2021, 224, 117384.	2.1	16
375	Higher BMI, but not obesity-related genetic polymorphisms, correlates with lower structural connectivity of the reward network in a population-based study. <i>International Journal of Obesity</i> , 2021, 45, 491-501.	1.6	16
376	Neural excitability and sensory input determine intensity perception with opposing directions in initial cortical responses. <i>ELife</i> , 2021, 10, .	2.8	16
377	Sustained Spatial Attention to Vibrotactile Stimulation in the Flutter Range: Relevant Brain Regions and Their Interaction. <i>PLoS ONE</i> , 2013, 8, e84196.	1.1	16
378	Heart failure is independently associated with white matter lesions: insights from the population-based LIFE – Adult Study. <i>ESC Heart Failure</i> , 2021, 8, 697-704.	1.4	16

#	ARTICLE	IF	CITATIONS
379	MRI of small human stroke shows reversible diffusion changes in subcortical gray matter. <i>NeuroReport</i> , 2000, 11, 2021-2024.	0.6	15
380	Does the Clock Drawing Test Predict Dementia Results of the Leipzig Longitudinal Study of the Aged (LEILA 75+). <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 31, 89-97.	0.7	15
381	Anatomical differences in the human inferior colliculus relate to the perceived valence of musical consonance and dissonance. <i>European Journal of Neuroscience</i> , 2013, 38, 3099-3105.	1.2	15
382	A novel ring electrode setup for the recording of somatosensory evoked potentials during transcranial direct current stimulation (tDCS). <i>Journal of Neuroscience Methods</i> , 2013, 212, 234-236.	1.3	15
383	Investigating Neuroanatomical Features in Top Athletes at the Single Subject Level. <i>PLoS ONE</i> , 2015, 10, e0129508.	1.1	15
384	Neural Correlates of Mirror Visual Feedback-Induced Performance Improvements: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 54.	1.0	15
385	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	1.1	15
386	Neuronal biomarkers of Parkinson's disease are present in healthy aging. <i>NeuroImage</i> , 2021, 243, 118512.	2.1	15
387	Focal Retrograde Amnesia: Voxel-Based Morphometry Findings in a Case without MRI Lesions. <i>PLoS ONE</i> , 2011, 6, e26538.	1.1	15
388	Neural correlates of the interaction between transient and sustained processes: A mixed blocked/event-related fMRI study. <i>Human Brain Mapping</i> , 2006, 27, 545-551.	1.9	14
389	Medical Management in Patients following Stroke and Transitory Ischemic Attack: A Comparison between Men and Women. <i>Cerebrovascular Diseases</i> , 2006, 21, 329-335.	0.8	14
390	The role of rs2237781 within <i>GRM8</i> in eating behavior. <i>Brain and Behavior</i> , 2013, 3, 495-502.	1.0	14
391	High-resolution diffusion-weighted imaging identifies ischemic lesions in a majority of transient ischemic attack patients. <i>Annals of Neurology</i> , 2019, 86, 452-457.	2.8	14
392	Beneficial effects of leptin substitution on impaired eating behavior in lipodystrophy are sustained beyond 150 weeks of treatment. <i>Cytokine</i> , 2019, 113, 400-404.	1.4	14
393	Hemispheric asymmetries in resting-state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. <i>Human Brain Mapping</i> , 2020, 41, 1136-1152.	1.9	14
394	Age- and Sex-Specific Standard Scores for the Reading the Mind in the Eyes Test. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 607107.	1.7	14
395	APOE e4-genotype and lifestyle interaction on cognitive performance: Results of the LIFE-Adult-study.. <i>Health Psychology</i> , 2018, 37, 194-205.	1.3	14
396	Same Brain, Different Look? The Impact of Scanner, Sequence and Preprocessing on Diffusion Imaging Outcome Parameters. <i>Journal of Clinical Medicine</i> , 2021, 10, 4987.	1.0	14



#	ARTICLE	IF	CITATIONS
397	Switching between hands in a serial reaction time task: a comparison between young and old adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 176.	1.7	13
398	Benefits of listening to a recording of euphoric joint music making in polydrug abusers. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 300.	1.0	13
399	Serum Neuron-Specific Enolase Is Related to Cerebellar Connectivity: A Resting-State Functional Magnetic Resonance Imaging Pilot Study. <i>Journal of Neurotrauma</i> , 2015, 32, 1380-1384.	1.7	13
400	Neural synchrony indexes impaired motor slowing after errors and novelty following white matter damage. <i>Neurobiology of Aging</i> , 2016, 38, 205-213.	1.5	13
401	Decoding Subjective Emotional Arousal during a Naturalistic VR Experience from EEG Using LSTMs. , 2018, , .		13
402	Changes of Hand Switching Costs during Bimanual Sequential Learning. <i>PLoS ONE</i> , 2012, 7, e45857.	1.1	13
403	Inverse mismatch and lesion growth in small subcortical ischaemic stroke. <i>European Radiology</i> , 2010, 20, 2983-2989.	2.3	12
404	Flexible Adaptive Paradigms for fMRI Using a Novel Software Package â€”Brain Analysis in Real-Timeâ€™ (BART). <i>PLoS ONE</i> , 2015, 10, e0118890.	1.1	12
405	Identifying neural correlates of memory and language disturbances in herpes simplex encephalitis: a voxel-based morphometry (VBM) study. <i>Journal of Neurology</i> , 2015, 262, 563-569.	1.8	12
406	Cardiac Concomitants of Feedback and Prediction Error Processing in Reinforcement Learning. <i>Frontiers in Neuroscience</i> , 2017, 11, 598.	1.4	12
407	(Epi)genetic regulation of CRTCL1 in human eating behaviour and fat distribution. <i>EBioMedicine</i> , 2019, 44, 476-488.	2.7	12
408	OpenVirtualObjects: An Open Set of Standardized and Validated 3D Household Objects for Virtual Reality-Based Research, Assessment, and Therapy. <i>Frontiers in Virtual Reality</i> , 2020, 1, .	2.5	12
409	Alexithymia and automatic processing of facial emotions: behavioral and neural findings. <i>BMC Neuroscience</i> , 2020, 21, 23.	0.8	12
410	Blame it on the bossa nova: Transfer of perceived sexiness from music to touch.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1360-1365.	1.5	12
411	Assessment of diffusion and perfusion deficits in patients with small subcortical ischemia. <i>American Journal of Neuroradiology</i> , 2003, 24, 1355-63.	1.2	12
412	Inhibition and functional magnetic resonance imaging. <i>International Congress Series</i> , 2002, 1235, 213-222.	0.2	11
413	Novel therapy approach in primary stroke prevention: simultaneous inhibition of endothelin converting enzyme and neutral endopeptidase in spontaneously hypertensive, stroke-prone rats improves survival. <i>Neurological Research</i> , 2011, 33, 201-207.	0.6	11
414	Differential heart rate responses to social and monetary reinforcement in women with obesity. <i>Psychophysiology</i> , 2016, 53, 868-879.	1.2	11



#	ARTICLE	IF	CITATIONS
415	Serum BDNF correlates with connectivity in the (pre)motor hub in the aging human brain—a resting-state fMRI pilot study. <i>Neurobiology of Aging</i> , 2016, 38, 181-187.	1.5	11
416	Could High Mental Demands at Work Offset the Adverse Association Between Social Isolation and Cognitive Functioning? Results of the Population-Based LIFE-Adult-Study. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 1258-1269.	0.6	11
417	Anodal Transcranial Direct Current Stimulation Over S1 Differentially Modulates Proprioceptive Accuracy in Young and Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 264.	1.7	11
418	Liking and left amygdala activity during food versus nonfood processing are modulated by emotional context. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 91-102.	1.0	11
419	Cerebellar Transcranial Direct Current Stimulation Improves Maximum Isometric Force Production during Isometric Barbell Squats. <i>Brain Sciences</i> , 2020, 10, 235.	1.1	11
420	Multimodal Assessment of the Motor System in Patients With Chronic Ischemic Stroke. <i>Stroke</i> , 2021, 52, 241-249.	1.0	11
421	Analyzing the link between anxiety and eating behavior as a potential pathway to eating-related health outcomes. <i>Scientific Reports</i> , 2021, 11, 14717.	1.6	11
422	Face Masks Protect From Infection but May Impair Social Cognition in Older Adults and People With Dementia. <i>Frontiers in Psychology</i> , 2021, 12, 640548.	1.1	11
423	Cerebral Sinus Venous Thrombosis. , 1994, , 654-660.		11
424	Estimating the effect of a scanner upgrade on measures of grey matter structure for longitudinal designs. <i>PLoS ONE</i> , 2021, 16, e0239021.	1.1	11
425	One-week escitalopram intake alters the excitation–inhibition balance in the healthy female brain. <i>Human Brain Mapping</i> , 2022, 43, 1868-1881.	1.9	11
426	Vasospastic amaurosis fugax in a patient with overlap collagenosis treated with nimodipine. <i>Neurological Research</i> , 1995, 17, 66-69.	0.6	10
427	Grammaticality judgments on sentences with and without movement of phrasal constituents—an event-related fMRI study. <i>Journal of Neurolinguistics</i> , 2003, 16, 301-314.	0.5	10
428	Human cortical areas involved in sustaining perceptual stability during smooth pursuit eye movements. <i>Human Brain Mapping</i> , 2008, 29, 300-311.	1.9	10
429	Mirror Visual Feedback-Induced Performance Improvement and the Influence of Hand Dominance. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 702.	1.0	10
430	Neural correlates of up-regulating positive emotions in fMRI and their link to affect in daily life. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1049-1059.	1.5	10
431	Semi-automated generation of individual computational models of the human head and torso from MR images. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2090-2105.	1.9	10
432	Recursive music elucidates neural mechanisms supporting the generation and detection of melodic hierarchies. <i>Brain Structure and Function</i> , 2020, 225, 1997-2015.	1.2	10

#	ARTICLE	IF	CITATIONS
433	Nonlinear interaction decomposition (NID): A method for separation of cross-frequency coupled sources in human brain. <i>NeuroImage</i> , 2020, 211, 116599.	2.1	10
434	Heart failure, cognition, and brain damage. <i>European Heart Journal</i> , 2021, 42, 1579-1581.	1.0	10
435	Alpha and beta neural oscillations differentially reflect age-related differences in bilateral coordination. <i>Neurobiology of Aging</i> , 2021, 104, 82-91.	1.5	10
436	EEG Quality:The Image Acquisition Artefact. , 2009, , 153-171.		10
437	Brain response to food odors is not associated with body mass index and obesity-related metabolic health measures. <i>Appetite</i> , 2022, 168, 105774.	1.8	10
438	Evaluation of an AIF correction algorithm for dynamic susceptibility contrast-enhanced perfusion MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 102-110.	1.9	9
439	Hysteresis as an Implicit Prior in Tactile Spatial Decision Making. <i>PLoS ONE</i> , 2014, 9, e89802.	1.1	9
440	Mirror Electromyographic Activity in the Upper and Lower Extremity: A Comparison between Endurance Athletes and Non-Athletes. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 485.	1.0	9
441	Structural Neural Correlates of Physiological Mirror Activity During Isometric Contractions of Non-Dominant Hand Muscles. <i>Scientific Reports</i> , 2018, 8, 9178.	1.6	9
442	Depressive Symptomatology in Early Retirees Associated With Reason for Retirement—Results From the Population-Based LIFE-Adult-Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 565442.	1.3	9
443	Intermuscular coherence between homologous muscles during dynamic and static movement periods of bipedal squatting. <i>Journal of Neurophysiology</i> , 2020, 124, 1045-1055.	0.9	9
444	Obesity Associated Cerebral Gray and White Matter Alterations Are Interrelated in the Female Brain. <i>PLoS ONE</i> , 2014, 9, e114206.	1.1	9
445	Relationship between regional white matter hyperintensities and alpha oscillations in older adults. <i>Neurobiology of Aging</i> , 2022, 112, 1-11.	1.5	9
446	Harmonized-Multinational qEEG norms (HarMNqEEG). <i>NeuroImage</i> , 2022, 256, 119190.	2.1	9
447	Harmoni: A method for eliminating spurious interactions due to the harmonic components in neuronal data. <i>NeuroImage</i> , 2022, 252, 119053.	2.1	9
448	Comparative analysis of machine learning algorithms for multi-syndrome classification of neurodegenerative syndromes. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 62.	3.0	9
449	Coagulopathies in Ischemic Stroke. <i>Stroke</i> , 2001, 32, 1234-1237.	1.0	8
450	The intravascular susceptibility effect and the underlying physiology of fMRI. <i>NeuroImage</i> , 2012, 62, 995-999.	2.1	8

#	ARTICLE	IF	CITATIONS
451	Task-Irrelevant Auditory Feedback Facilitates Motor Performance in Musicians. <i>Frontiers in Psychology</i> , 2012, 3, 146.	1.1	8
452	Recursive hierarchical embedding in vision is impaired by posterior middle temporal gyrus lesions. <i>Brain</i> , 2019, 142, 3217-3229.	3.7	8
453	The effect of high vs. low intensity neuropsychological treatment on working memory in patients with acquired brain injury. <i>Brain Injury</i> , 2020, 34, 1051-1060.	0.6	8
454	Less Animal-Based Food, Better Weight Status: Associations of the Restriction of Animal-Based Product Intake with Body-Mass-Index, Depressive Symptoms and Personality in the General Population. <i>Nutrients</i> , 2020, 12, 1492.	1.7	8
455	Reading cognition from the eyesâ€™ association of retinal nerve fiber layer thickness with cognitive performance in a population-based study. <i>Brain Communications</i> , 2021, 3, fcab258.	1.5	8
456	Dopaminergic Modulation of Local Non-oscillatory Activity and Global-Network Properties in Parkinsonâ€™s Disease: An EEG Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 846017.	1.7	8
457	Increased Serum NSE and S100B Indicate Neuronal and Glial Alterations in Subjects Under 71 Years With Mild Neurocognitive Disorder/Mild Cognitive Impairment. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	8
458	Connectivity Concordance Mapping: A New Tool for Model-Free Analysis of fMRI Data of the Human Brain. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 13.	1.2	7
459	fMRI for the Assessment of Functional Connectivity. , 0, , .		7
460	Genetic variants in AKR1B10 associate with human eating behavior. <i>BMC Genetics</i> , 2015, 16, 31.	2.7	7
461	Parasympathetic cardio-regulation during social interactions in individuals with obesityâ€™The influence of negative body image. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 330-347.	1.0	7
462	Increasing Divergent Thinking Capabilities With Music-Feedback Exercise. <i>Frontiers in Psychology</i> , 2020, 11, 578979.	1.1	7
463	The Effect of Scan Length on the Assessment of BOLD Delay in Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 381.	1.1	7
464	Emotion Regulation in Essential Hypertension: Roles of Anxiety, Stress, and the Pulvinar. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 80.	1.0	7
465	Cortical Blood Oxygenation Changes in the Left and Right Occipital Area Induced by Selective Visual Stimuli in Humans. <i>Advances in Experimental Medicine and Biology</i> , 1999, 471, 35-41.	0.8	7
466	Motor sequences; separating the sequence from the motor. A longitudinal rsfMRI study. <i>Brain Structure and Function</i> , 2022, 227, 793-807.	1.2	7
467	Emotional maltreatment and neglect impact neural activation upon exclusion in early and mid-adolescence: An event-related fMRI study. <i>Development and Psychopathology</i> , 2022, 34, 573-585.	1.4	7
468	Differential effects of anodal and dual tDCS on sensorimotor functions in chronic hemiparetic stroke patients. <i>Brain Stimulation</i> , 2022, 15, 509-522.	0.7	7

#	ARTICLE	IF	CITATIONS
469	The Band Effect—Physically Strenuous Music Making Increases Esthetic Appreciation of Music. <i>Frontiers in Neuroscience</i> , 2016, 10, 448.	1.4	6
470	A flexible workflow for simulating transcranial electric stimulation in healthy and lesioned brains. <i>PLoS ONE</i> , 2020, 15, e0228119.	1.1	6
471	White matter microstructural changes in short-term learning of a continuous visuomotor sequence. <i>Brain Structure and Function</i> , 2021, 226, 1677-1698.	1.2	6
472	A novel approach for assessing hypoperfusion in stroke using spatial independent component analysis of resting-state fMRI. <i>Human Brain Mapping</i> , 2021, 42, 5204-5216.	1.9	6
473	Priming cardiovascular exercise improves complex motor skill learning by affecting the trajectory of learning-related brain plasticity. <i>Scientific Reports</i> , 2022, 12, 1107.	1.6	6
474	Serum ghrelin is positively associated with physiological anxiety but negatively associated with pathological anxiety in humans: Data from a large community-based study. <i>Psychoneuroendocrinology</i> , 2022, 140, 105728.	1.3	6
475	Non-zero mean alpha oscillations revealed with computational model and empirical data. <i>PLoS Computational Biology</i> , 2022, 18, e1010272.	1.5	6
476	Subsurface Microscopical visualization of brain tissue in vivo: Present, problems and prospects. <i>Micron</i> , 1993, 24, 611-622.	1.1	5
477	<title>Toward noninvasive optical human brain mapping: improvements of the spectral, temporal, and spatial resolution of near-infrared spectroscopy</title>. , 1997, , .		5
478	<title>Changes in cytochrome-oxidase oxidation in the occipital cortex during visual simulation: improvement in sensitivity by the determination of the wavelength dependence of the differential pathlength</title>. , 1998, , .		5
479	Structural brain changes in early-onset and late-onset depression: An update of volumetric MRI findings. <i>International Journal of Imaging Systems and Technology</i> , 2014, 24, 149-160.	2.7	5
480	Random Projection for Fast and Efficient Multivariate Correlation Analysis of High-Dimensional Data: A New Approach. <i>Frontiers in Genetics</i> , 2016, 7, 102.	1.1	5
481	Association Between Self-rating Depression Scores and Total Ghrelin and Adipokine Serum Levels in a Large Population-Based Sample. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	5
482	Decreased visual detection during subliminal stimulation. <i>Journal of Vision</i> , 2014, 14, 20-20.	0.1	4
483	Enhanced response to music in pregnancy. <i>Psychophysiology</i> , 2014, 51, 905-911.	1.2	4
484	Socio-cultural norms of body size in Westerners and Polynesians affect heart rate variability and emotion during social interactions. <i>Culture and Brain</i> , 2019, 7, 26-56.	0.3	4
485	Inverse relationship between amplitude and latency of physiological mirror activity during repetitive isometric contractions. <i>Neuroscience</i> , 2019, 406, 300-313.	1.1	4
486	Musical meaning modulates word acquisition. <i>Brain and Language</i> , 2019, 190, 10-15.	0.8	4

#	ARTICLE	IF	CITATIONS
487	Positivity in Younger and in Older Age: Associations With Future Time Perspective and Socioemotional Functioning. <i>Frontiers in Psychology</i> , 2020, 11, 567133.	1.1	4
488	Genome-wide association and transcriptome analysis suggests total serum ghrelin to be linked with GFRAL. <i>European Journal of Endocrinology</i> , 2021, 184, 847-856.	1.9	4
489	Components of Active Music Interventions in Therapeutic Settings—Present and Future Applications. <i>Brain Sciences</i> , 2022, 12, 622.	1.1	4
490	The influence of white matter lesions on the electric field in transcranial electric stimulation. <i>NeuroImage: Clinical</i> , 2022, 35, 103071.	1.4	4
491	Continuous spectrum near-infrared spectroscopy approach in functional activation studies in the human adult. , 1996, 2926, 58.		3
492	<title>Telemedicine with integrated data security in ATM-based networks</title>. , 1997, , .		3
493	Difficulties Choosing Control Points in Acupuncture Research. Response: Commentary: Differential Cerebral Response, Measured with Both an EEG and fMRI, to Somatosensory Stimulation of a Single Acupuncture Point vs. Two Non-Acupuncture Points. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 404.	1.0	3
494	Immersive Virtual Reality for the Assessment and Training of Spatial Memory: Feasibility in Individuals with Brain Injury. , 2019, , .		3
495	The association between mental demands at the workplace and cognitive functioning: the role of the big five personality traits. <i>Aging and Mental Health</i> , 2020, 24, 1064-1070.	1.5	3
496	Rapid Quantification of White Matter Disconnection in the Human Brain. , 2020, 2020, 1701-1704.		3
497	Motor Skill Learning-Induced Functional Plasticity in the Primary Somatosensory Cortex: A Comparison Between Young and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 596438.	1.7	3
498	Socioeconomic inequalities in cognitive function in midlife and early late-life are partially attributable to modifiable health and lifestyle factors. <i>Alzheimer's and Dementia</i> , 2020, 16, e045760.	0.4	3
499	Capgras Delusion in Posterior Cortical Atrophy—A Quantitative Multimodal Imaging Single Case Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 133.	1.7	3
500	Modulation of premotor cortex response to sequence motor learning during escitalopram intake. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1449-1462.	2.4	3
501	A single dose of escitalopram blunts the neural response in the thalamus and caudate during monetary loss. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E319-E327.	1.4	3
502	Do High Mental Demands at Work Protect Cognitive Health in Old Age via Hippocampal Volume? Results From a Community Sample. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 622321.	1.7	3
503	Principles of Multimodal Functional Imaging and Data Integration. , 2009, , 3-17.		3
504	Behavioural relevance modulates access to spatial working memory in humans. <i>European Journal of Neuroscience</i> , 2001, 13, 357-363.	1.2	3

#	ARTICLE	IF	CITATIONS
505	Lateral prefrontal cortex is a hub for music production from structural rules to movements. <i>Cerebral Cortex</i> , 2022, 32, 3878-3895.	1.6	3
506	Anxiety and Food Addiction in Men and Women: Results From the Longitudinal LIFE-Adult-Study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
507	Cortico-cerebellar audio-motor regions coordinate self and other in musical joint action. <i>Cerebral Cortex</i> , 2023, 33, 2804-2822.	1.6	3
508	The Blushing Brain: Changes in Brain Colour Indicate the Functional State of the Cerebral Cortex. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2003, 18, 206-216.	0.4	2
509	The Path from Obesity and Hypertension to Dementia. <i>Advances in Experimental Medicine and Biology</i> , 2015, 821, 5-5.	0.8	2
510	A Quantitative Comparison of Clinically Employed Parameters in the Assessment of Acute Cerebral Ischemia Using Dynamic Susceptibility Contrast Magnetic Resonance Imaging. <i>Frontiers in Physiology</i> , 2018, 9, 1945.	1.3	2
511	Imperceptible Somatosensory Single Pulse and Pulse Train Stimulation Oppositely Modulate Mu Rhythm Activity and Perceptual Performance. <i>Cerebral Cortex</i> , 2020, 30, 6284-6295.	1.6	2
512	Enhanced Go and NoGo Learning in Individuals With Obesity. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 15.	1.0	2
513	<title>Noninvasive cerebral blood flow monitoring by a dye bolus method:separation of extra- and intracerebral absorption changes by frequency-domain spectroscopy</title>. , 2001, , .		2
514	Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa075.	0.7	2
515	Neuronal activation induced changes in microcirculatory haemoglobin oxygenation: to dip or not to dip. <i>International Congress Series</i> , 2002, 1235, 137-144.	0.2	1
516	Losing track of time through delayed body representations. <i>Frontiers in Psychology</i> , 2015, 06, 405.	1.1	1
517	Dissonance in Music Impairs Spatial Gait Parameters in Patients with Parkinsonâ€™s Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 363-372.	1.5	1
518	Anger regulation choiceâ€”The role of age and habitual reappraisal.. <i>Emotion</i> , 2022, 22, 1639-1652.	1.5	1
519	Decreased thalamo-cortico connectivity during an implicit sequence motor learning task and 7Âˆdays escitalopram intake. <i>Scientific Reports</i> , 2021, 11, 15060.	1.6	1
520	Cerebral Blood Flow, Hemoglobin Oxygenation, and Water Diffusion Changes During Stroke: Fingerprinting with Near-Infrared Spectroscopy and MRI. , 2001, , 232-240.		1
521	No Changes in Gray Matter Density or Cortical Thickness in Late-Life Minor Depression. <i>Journal of Clinical Psychiatry</i> , 2018, 79, 17111604.	1.1	1
522	Visual System. , 2009, , 401-417.		1

#	ARTICLE	IF	CITATIONS
523	Functional brain imaging by CW-NIRS coregistered by blood flow monitors. , 2003, , .		0
524	Berlin School of Mind and Brain. E-Neuroforum, 2007, 13, 70-71.	0.2	0
525	Reply to Padulo et al.: Jymmin, an easy-to-implement musical workout approach. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1161-E1161.	3.3	0
526	Neurophysiological investigations into the human somatosensory system. , 2014, , .		0
527	P3-086: FTO is Not Related to Imaging Parameters of the Hippocampus: A Volumetric and Diffusion Tensor Imaging Study. , 2016, 12, P851-P851.		0
528	[P3â€™139]: IMMUNE CELL POPULATIONS ARE ASSOCIATED WITH HUMAN HIPPOCAMPUS VOLUME. Alzheimer's and Dementia, 2017, 13, P988.	0.4	0
529	[P3â€™357]: ASSOCIATION OF HIPPOCAMPAL VOLUMES WITH COGNITIVE TASKS IN A LARGE POPULATIONâ€BASED COHORT. Alzheimer's and Dementia, 2017, 13, P1092.	0.4	0
530	O4â€™08â€™02: THE MEDIATING EFFECT OF COGNITIVEâ€RESERVE BETWEEN SOCIAL ISOLATION AND COGNITIVE FUNCTION: RESULTS OFâ€THE POPULATIONâ€BASED LIFEâ€ADULT STUDY. Alzheimer's and Dementia, 2018, 14, P1421.	0.4	0
531	OpenVirtualObjects: An open set of standardized and validated 3D household objects for virtual reality-based research, diagnostics, and therapy. , 2019, , .		0
532	Sources of linear and non-linear synchrony between brain and muscles: Linear and non-linear CMC sources. , 2020, , .		0
533	The Vasculitides. , 2003, , 461-474.		0
534	Virtual Cerebellar Lesions Influence Verbal Working Memory a tDCS Study. Biosystems and Biorobotics, 2013, , 529-532.	0.2	0
535	The Physiological Basis of Functional Magnetic Resonance Imaging**Supported by the Deutsche Forschungsgemeinschaft (Vi 97/7â€™1, Di 454/4â€™2), the Sander-Stiftung (90.023.2), and the Human Frontiers Science Program Organization.. , 1995, , 499-508.		0
536	Investigation of Cortical Spreading Depression in Rats by Near Infrared Spectroscopy: Scattering and oxygenation changes. , 1998, , .		0
537	fMRI of the Sensorimotor System. Biological Magnetic Resonance, 2015, , 509-521.	0.4	0
538	The Obesity Susceptibility Gene <i>TMEM18</i> Promotes Healthy Adipogenesis from Adipose-Derived Stem Cells Through Direct Activation of <i>PPARG</i> . SSRN Electronic Journal, 0, , .	0.4	0
539	Genome-Wide Association and Transcriptome Analysis Reveals Total Serum Chrelin to Be Linked with CFRAL. SSRN Electronic Journal, 0, , .	0.4	0
540	PR interval duration is associated with the presence of white matter hyperintensities: Insights from the epidemiologic LIFE-Adult Study. PLoS ONE, 2022, 17, e0269815.	1.1	0