

Arno Villringer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

538
papers

28,505
citations

82
h-index

150
g-index

601
ext. papers

33,755
ext. citations

5.2
avg, IF

6.95
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 538 | Priming cardiovascular exercise improves complex motor skill learning by affecting the trajectory of learning-related brain plasticity.. <i>Scientific Reports</i> , 2022 , 12, 1107 | 4.9 | 0 |
| 537 | One-week escitalopram intake alters the excitation-inhibition balance in the healthy female brain.. <i>Human Brain Mapping</i> , 2022 , | 5.9 | 1 |
| 536 | 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 , 1-13 | 4.3 | 3 |
| 535 | The effect of a high-polyphenol Mediterranean diet (GREEN-MED) combined with physical activity on age-related brain atrophy: the DIRECT PLUS randomized controlled trial.. <i>American Journal of Clinical Nutrition</i> , 2022 , | 7 | 4 |
| 534 | Brain response to food odors is not associated with body mass index and obesity-related metabolic health measures. <i>Appetite</i> , 2022 , 168, 105774 | 4.5 | 2 |
| 533 | Harmonized-Multinational qEEG Norms (HarMNqEEG).. <i>NeuroImage</i> , 2022 , 119190 | 7.9 | 1 |
| 532 | Harmoni: a Method for Eliminating Spurious Interactions due to the Harmonic Components in Neuronal Data.. <i>NeuroImage</i> , 2022 , 119053 | 7.9 | 1 |
| 531 | 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 | 5 | 0 |
| 530 | Dopaminergic Modulation of Local Non-oscillatory Activity and Global-Network Properties in Parkinson's Disease: An EEG Study.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 846017 | 5.3 | 0 |
| 529 | Comparative analysis of machine learning algorithms for multi-syndrome classification of neurodegenerative syndromes.. <i>Alzheimer's Research and Therapy</i> , 2022 , 14, 62 | 9 | 2 |
| 528 | Components of Active Music Interventions in Therapeutic Settings Present and Future Applications. <i>Brain Sciences</i> , 2022 , 12, 622 | 3.4 | |
| 527 | The influence of white matter lesions on the electric field in transcranial electric stimulation. <i>NeuroImage: Clinical</i> , 2022 , 35, 103071 | 5.3 | |
| 526 | Reading cognition from the eyes: association of retinal nerve fibre layer thickness with cognitive performance in a population-based study.. <i>Brain Communications</i> , 2021 , 3, fcab258 | 4.5 | 0 |
| 525 | Respiration, heartbeat, and conscious tactile perception. <i>Journal of Neuroscience</i> , 2021 , | 6.6 | 5 |
| 524 | Estimating the effect of a scanner upgrade on measures of grey matter structure for longitudinal designs. <i>PLoS ONE</i> , 2021 , 16, e0239021 | 3.7 | 1 |
| 523 | Relationship between regional white matter hyperintensities and alpha oscillations in older adults.. <i>Neurobiology of Aging</i> , 2021 , 112, 1-11 | 5.6 | 1 |
| 522 | Motor sequences; separating the sequence from the motor. A longitudinal rsfMRI study. <i>Brain Structure and Function</i> , 2021 , 1 | 4 | 0 |

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| 521 | Decoding subjective emotional arousal from eeg during an immersive virtual reality experience. <i>ELife</i> , 2021 , 10, | 8.9 | 1 |
| 520 | 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 | 3.7 | 3 |
| 519 | Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021 , 58, e13688 | 4.1 | 7 |
| 518 | White matter microstructural changes in short-term learning of a continuous visuomotor sequence. <i>Brain Structure and Function</i> , 2021 , 226, 1677-1698 | 4 | 0 |
| 517 | 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 | 4.5 | 0 |
| 516 | 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 | 6.5 | 1 |
| 515 | 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 | 5.9 | 1 |
| 514 | Neural correlates of conscious tactile perception: An analysis of BOLD activation patterns and graph metrics. <i>NeuroImage</i> , 2021 , 224, 117384 | 7.9 | 5 |
| 513 | 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 | 7.3 | 2 |
| 512 | Multimodal Assessment of the Motor System in Patients With Chronic Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 241-249 | 6.7 | 5 |
| 511 | Dissonance in Music Impairs Spatial Gait Parameters in Patients with Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021 , 11, 363-372 | 5.3 | 0 |
| 510 | 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 | 5.5 | 2 |
| 509 | Immediate brain plasticity after one hour of brain-computer interface (BCI). <i>Journal of Physiology</i> , 2021 , 599, 2435-2451 | 3.9 | 19 |
| 508 | Analyzing the link between anxiety and eating behavior as a potential pathway to eating-related health outcomes. <i>Scientific Reports</i> , 2021 , 11, 14717 | 4.9 | 1 |
| 507 | Decreased thalamo-cortico connectivity during an implicit sequence motor learning task and 7 days escitalopram intake. <i>Scientific Reports</i> , 2021 , 11, 15060 | 4.9 | 1 |
| 506 | Alpha and beta neural oscillations differentially reflect age-related differences in bilateral coordination. <i>Neurobiology of Aging</i> , 2021 , 104, 82-91 | 5.6 | 0 |
| 505 | 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 | 3.4 | 2 |
| 504 | Social factors and the prevalence of social isolation in a population-based adult cohort. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2021 , 1 | 4.5 | 5 |

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| 503 | Neural excitability and sensory input determine intensity perception with opposing directions in initial cortical responses. <i>ELife</i> , 2021 , 10, | 8.9 | 3 |
| 502 | Heartbeat and somatosensory perception. <i>NeuroImage</i> , 2021 , 238, 118247 | 7.9 | 6 |
| 501 | Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behavior. <i>Translational Psychiatry</i> , 2021 , 11, 500 | 8.6 | 4 |
| 500 | Neuronal biomarkers of Parkinson's disease are present in healthy aging. <i>NeuroImage</i> , 2021 , 243, 118517 | 7.9 | 4 |
| 499 | 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 | 1.2 | 2 |
| 498 | 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 | 5 | 11 |
| 497 | The Effect of Scan Length on the Assessment of BOLD Delay in Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020 , 11, 381 | 4.1 | 3 |
| 496 | Alexithymia and automatic processing of facial emotions: behavioral and neural findings. <i>BMC Neuroscience</i> , 2020 , 21, 23 | 3.2 | 5 |
| 495 | A flexible workflow for simulating transcranial electric stimulation in healthy and lesioned brains. <i>PLoS ONE</i> , 2020 , 15, e0228119 | 3.7 | 2 |
| 494 | Emotion Regulation in Essential Hypertension: Roles of Anxiety, Stress, and the Pulvinar. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 80 | 3.5 | 3 |
| 493 | 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 | 2.1 | 6 |
| 492 | Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020 , 51, 2111-2121 | 6.7 | 23 |
| 491 | Capgras Delusion in Posterior Cortical Atrophy-A Quantitative Multimodal Imaging Single Case Study. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 133 | 5.3 | 2 |
| 490 | Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020 , 30, 4121-4139 | 5.1 | 5 |
| 489 | Corticomuscular interactions during different movement periods in a multi-joint compound movement. <i>Scientific Reports</i> , 2020 , 10, 5021 | 4.9 | 8 |
| 488 | Enhanced Go and NoGo Learning in Individuals With Obesity. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 15 | 3.5 | 0 |
| 487 | Recursive music elucidates neural mechanisms supporting the generation and detection of melodic hierarchies. <i>Brain Structure and Function</i> , 2020 , 225, 1997-2015 | 4 | 4 |
| 486 | Dissociable neural correlates of stimulation intensity and detection in somatosensation. <i>NeuroImage</i> , 2020 , 217, 116908 | 7.9 | 11 |

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| 485 | Nonlinear interaction decomposition (NID): A method for separation of cross-frequency coupled sources in human brain. <i>NeuroImage</i> , 2020 , 211, 116599 | 7.9 | 6 |
| 484 | 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 | 2.7 | 4 |
| 483 | 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 | 6.6 | 13 |
| 482 | Brain Damage With Heart Failure: Cardiac Biomarker Alterations and Gray Matter Decline. <i>Circulation Research</i> , 2020 , 126, 750-764 | 15.7 | 17 |
| 481 | 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 | 11.5 | 45 |
| 480 | Cerebellar Transcranial Direct Current Stimulation Improves Maximum Isometric Force Production during Isometric Barbell Squats. <i>Brain Sciences</i> , 2020 , 10, | 3.4 | 2 |
| 479 | Weight loss reduces head motion: Revisiting a major confound in neuroimaging. <i>Human Brain Mapping</i> , 2020 , 41, 2490-2494 | 5.9 | 14 |
| 478 | Dopamine release, diffusion and uptake: A computational model for synaptic and volume transmission. <i>PLoS Computational Biology</i> , 2020 , 16, e1008410 | 5 | 4 |
| 477 | Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. <i>Cerebral Cortex Communications</i> , 2020 , 1, tgaa075 | 1.9 | 1 |
| 476 | 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 | 7.6 | 22 |
| 475 | 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, | 6.7 | 2 |
| 474 | 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 | 3.5 | 6 |
| 473 | 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 | 5.9 | 10 |
| 472 | Rapid Quantification of White Matter Disconnection in the Human Brain. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 1701-1704 | 0.9 | 1 |
| 471 | 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 | 5 | 2 |
| 470 | Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796 | 17.4 | 16 |
| 469 | The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. <i>Cell Reports</i> , 2020 , 33, 108295 | 10.6 | 7 |
| 468 | Imperceptible Somatosensory Single Pulse and Pulse Train Stimulation Oppositely Modulate Mu Rhythm Activity and Perceptual Performance. <i>Cerebral Cortex</i> , 2020 , 30, 6284-6295 | 5.1 | 0 |

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| 467 | Reduction of somatosensory functional connectivity by transcranial alternating current stimulation at endogenous mu-frequency. <i>NeuroImage</i> , 2020 , 221, 117175 | 7.9 | 5 |
| 466 | 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 | 5.3 | 1 |
| 465 | Reduced Olfactory Bulb Volume in Obesity and Its Relation to Metabolic Health Status. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 586998 | 3.3 | 11 |
| 464 | Mindreading From the Eyes Declines With Aging - Evidence From 1,603 Subjects. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 550416 | 5.3 | 8 |
| 463 | Positivity in Younger and in Older Age: Associations With Future Time Perspective and Socioemotional Functioning. <i>Frontiers in Psychology</i> , 2020 , 11, 567133 | 3.4 | 2 |
| 462 | Temporal Signatures of Criticality in Human Cortical Excitability as Probed by Early Somatosensory Responses. <i>Journal of Neuroscience</i> , 2020 , 40, 6572-6583 | 6.6 | 9 |
| 461 | Insulin Resistance Is Associated with Reduced Food Odor Sensitivity across a Wide Range of Body Weights. <i>Nutrients</i> , 2020 , 12, | 6.7 | 11 |
| 460 | Transient Amplitude Modulation of Alpha-Band Oscillations by Short-Time Intermittent Closed-Loop tACS. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 366 | 3.3 | 8 |
| 459 | Intermuscular coherence between homologous muscles during dynamic and static movement periods of bipedal squatting. <i>Journal of Neurophysiology</i> , 2020 , 124, 1045-1055 | 3.2 | 1 |
| 458 | Increasing Divergent Thinking Capabilities With Music-Feedback Exercise. <i>Frontiers in Psychology</i> , 2020 , 11, 578979 | 3.4 | 1 |
| 457 | 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, | 3 | 2 |
| 456 | 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 | 7.3 | 17 |
| 455 | 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 | 7.3 | 21 |
| 454 | 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 | 3.5 | 3 |
| 453 | 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 | 3.8 | 8 |
| 452 | The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2020 , | 5.9 | 17 |
| 451 | Age- and Sex-Specific Standard Scores for the Reading the Mind in the Eyes Test. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 607107 | 5.3 | 5 |
| 450 | Do High Mental Demands at Work Protect Cognitive Health in Old Age Hippocampal Volume? Results From a Community Sample. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 622321 | 5.3 | 0 |

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|-----|--|------|----|
| 449 | The effects of plant-based diets on the body and the brain: a systematic review. <i>Translational Psychiatry</i> , 2019 , 9, 226 | 8.6 | 91 |
| 448 | Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019 , 92, e758-e773 | 6.5 | 22 |
| 447 | Testosterone imbalance may link depression and increased body weight in premenopausal women. <i>Translational Psychiatry</i> , 2019 , 9, 160 | 8.6 | 10 |
| 446 | Association of Estradiol and Visceral Fat With Structural Brain Networks and Memory Performance in Adults. <i>JAMA Network Open</i> , 2019 , 2, e196126 | 10.4 | 13 |
| 445 | (Epi)genetic regulation of CRTC1 in human eating behaviour and fat distribution. <i>EBioMedicine</i> , 2019 , 44, 476-488 | 8.8 | 10 |
| 444 | 10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019 , 10, 425 | 4.1 | 6 |
| 443 | Predicting the Response to Non-invasive Brain Stimulation in Stroke. <i>Frontiers in Neurology</i> , 2019 , 10, 302 | 4.1 | 12 |
| 442 | Acute psychosocial stress alters thalamic network centrality. <i>NeuroImage</i> , 2019 , 199, 680-690 | 7.9 | 11 |
| 441 | Unhealthy yet Avoidable-How Cognitive Bias Modification Alters Behavioral and Brain Responses to Food Cues in Individuals with Obesity. <i>Nutrients</i> , 2019 , 11, | 6.7 | 14 |
| 440 | Structural connectivity prior to whole-body sensorimotor skill learning associates with changes in resting state functional connectivity. <i>NeuroImage</i> , 2019 , 197, 191-199 | 7.9 | 8 |
| 439 | 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 | 5.9 | 15 |
| 438 | Neuroanatomical correlates of food addiction symptoms and body mass index in the general population. <i>Human Brain Mapping</i> , 2019 , 40, 2747-2758 | 5.9 | 24 |
| 437 | Inverse relationship between amplitude and latency of physiological mirror activity during repetitive isometric contractions. <i>Neuroscience</i> , 2019 , 406, 300-313 | 3.9 | 2 |
| 436 | Kinematic profiles suggest differential control processes involved in bilateral in-phase and anti-phase movements. <i>Scientific Reports</i> , 2019 , 9, 3273 | 4.9 | 10 |
| 435 | 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 | 1.1 | 4 |
| 434 | 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 | 5.3 | 10 |
| 433 | 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 | 9.4 | 10 |
| 432 | High resolution atlas of the venous brain vasculature from 7 T quantitative susceptibility maps. <i>Brain Structure and Function</i> , 2019 , 224, 2467-2485 | 4 | 14 |

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| 431 | The impact of ischemic stroke on connectivity gradients. <i>NeuroImage: Clinical</i> , 2019 , 24, 101947 | 5.3 | 13 |
| 430 | Re-thinking the Etiological Framework of Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019 , 13, 728 | 5.1 | 32 |
| 429 | Interactions between cardiac activity and conscious somatosensory perception. <i>Psychophysiology</i> , 2019 , 56, e13424 | 4.1 | 12 |
| 428 | 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 | 5.9 | 9 |
| 427 | 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 | 5.3 | 5 |
| 426 | A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019 , 6, 180307 | 8.2 | 28 |
| 425 | 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 | 8.2 | 66 |
| 424 | 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 | 4 | 6 |
| 423 | Recursive hierarchical embedding in vision is impaired by posterior middle temporal gyrus lesions. <i>Brain</i> , 2019 , 142, 3217-3229 | 11.2 | 3 |
| 422 | Multiple mechanisms link prestimulus neural oscillations to sensory responses. <i>ELife</i> , 2019 , 8, | 8.9 | 54 |
| 421 | Immersive Virtual Reality for the Assessment and Training of Spatial Memory: Feasibility in Individuals with Brain Injury 2019 , | | 1 |
| 420 | Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636 | 10.6 | 81 |
| 419 | 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 | 4.4 | 10 |
| 418 | Visceral obesity relates to deep white matter hyperintensities via inflammation. <i>Annals of Neurology</i> , 2019 , 85, 194-203 | 9.4 | 53 |
| 417 | Salivary cortisone, as a biomarker for psychosocial stress, is associated with state anxiety and heart rate. <i>Psychoneuroendocrinology</i> , 2019 , 101, 35-41 | 5 | 30 |
| 416 | Active information sampling varies across the cardiac cycle. <i>Psychophysiology</i> , 2019 , 56, e13322 | 4.1 | 21 |
| 415 | Musical meaning modulates word acquisition. <i>Brain and Language</i> , 2019 , 190, 10-15 | 2.9 | 3 |
| 414 | 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 | 4 | 8 |

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| 413 | 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 | 7.9 | 31 |
| 412 | 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 | 7.3 | 70 |
| 411 | 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 | 4.6 | 2 |
| 410 | The association between unemployment and depression-Results from the population-based LIFE-adult-study. <i>Journal of Affective Disorders</i> , 2018 , 235, 399-406 | 6.6 | 29 |
| 409 | White matter microstructural variability mediates the relation between obesity and cognition in healthy adults. <i>NeuroImage</i> , 2018 , 172, 239-249 | 7.9 | 35 |
| 408 | Altered monetary loss processing and reinforcement-based learning in individuals with obesity. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1431-1449 | 4.1 | 19 |
| 407 | Visually-Driven Maps in Area 3b. <i>Journal of Neuroscience</i> , 2018 , 38, 1295-1310 | 6.6 | 23 |
| 406 | Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults - A randomized controlled trial. <i>NeuroImage</i> , 2018 , 174, 177-190 | 7.9 | 42 |
| 405 | Physical Exercise and Spatial Training: A Longitudinal Study of Effects on Cognition, Growth Factors, and Hippocampal Plasticity. <i>Scientific Reports</i> , 2018 , 8, 4239 | 4.9 | 14 |
| 404 | 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 | 7.3 | 32 |
| 403 | 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 | 7.3 | 18 |
| 402 | 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 | 5 | 10 |
| 401 | 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 | 2.8 | 16 |
| 400 | Shorter-lived neural taste representations in obese compared to lean individuals. <i>Scientific Reports</i> , 2018 , 8, 11027 | 4.9 | 11 |
| 399 | Structural Neural Correlates of Physiological Mirror Activity During Isometric Contractions of Non-Dominant Hand Muscles. <i>Scientific Reports</i> , 2018 , 8, 9178 | 4.9 | 8 |
| 398 | Social Network Types in Old Age and Incident Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2018 , 31, 163-170 | 3.8 | 10 |
| 397 | No Changes in Gray Matter Density or Cortical Thickness in Late-Life Minor Depression. <i>Journal of Clinical Psychiatry</i> , 2018 , 79, | 4.6 | 1 |
| 396 | APOE e4-genotype and lifestyle interaction on cognitive performance: Results of the LIFE-Adult-study. <i>Health Psychology</i> , 2018 , 37, 194-205 | 5 | 9 |

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|-----|--|------|-----|
| 395 | 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 | 3.8 | 22 |
| 394 | Intermittent compared to continuous real-time fMRI neurofeedback boosts control over amygdala activation. <i>NeuroImage</i> , 2018 , 166, 198-208 | 7.9 | 25 |
| 393 | Decoding Subjective Emotional Arousal during a Naturalistic VR Experience from EEG Using LSTMs 2018 , | | 7 |
| 392 | O4-08-02: THE MEDIATING EFFECT OF COGNITIVE RESERVE BETWEEN SOCIAL ISOLATION AND COGNITIVE FUNCTION: RESULTS OF THE POPULATION-BASED LIFE-ADULT STUDY 2018 , 14, P1421-P1422 | | |
| 391 | Dual Time-Point [¹⁸ F]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 | 4.3 | 12 |
| 390 | Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018 , 9, 3945 | 17.4 | 16 |
| 389 | Modulation of Cognitive and Emotional Control in Age-Related Mild-to-Moderate Hearing Loss. <i>Frontiers in Neurology</i> , 2018 , 9, 783 | 4.1 | 15 |
| 388 | Unraveling connectivity changes due to dopaminergic therapy in chronically treated Parkinson's disease patients. <i>Scientific Reports</i> , 2018 , 8, 14328 | 4.9 | 8 |
| 387 | WOME: Theory-Based Working Memory Training - A Placebo-Controlled, Double-Blind Evaluation in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 247 | 5.3 | 12 |
| 386 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098 | 17.4 | 254 |
| 385 | 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 | 4.9 | 23 |
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