

A Veronica Witte

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,963
citations

236612

25
h-index

205818

48
g-index

59
all docs

59
docs citations

59
times ranked

5459
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Resveratrol on Memory Performance, Hippocampal Functional Connectivity, and Glucose Metabolism in Healthy Older Adults. <i>Journal of Neuroscience</i> , 2014, 34, 7862-7870.	1.7	361
2	Long-Chain Omega-3 Fatty Acids Improve Brain Function and Structure in Older Adults. <i>Cerebral Cortex</i> , 2014, 24, 3059-3068.	1.6	249
3	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
4	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
5	Higher glucose levels associated with lower memory and reduced hippocampal microstructure. <i>Neurology</i> , 2013, 81, 1746-1752.	1.5	165
6	Effects of COMT polymorphisms on brain function and behavior in health and disease. <i>Brain Research Bulletin</i> , 2012, 88, 418-428.	1.4	132
7	Impact of Omega-3 Fatty Acid Supplementation on Memory Functions in Healthy Older Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 713-725.	1.2	106
8	Visceral obesity relates to deep white matter hyperintensities via inflammation. <i>Annals of Neurology</i> , 2019, 85, 194-203.	2.8	106
9	Interaction of BDNF and COMT Polymorphisms on Paired-Associative Stimulation-Induced Cortical Plasticity. <i>Journal of Neuroscience</i> , 2012, 32, 4553-4561.	1.7	100
10	Combined omega-3 fatty acids, aerobic exercise and cognitive stimulation prevents decline in gray matter volume of the frontal, parietal and cingulate cortex in patients with mild cognitive impairment. <i>NeuroImage</i> , 2016, 131, 226-238.	2.1	90
11	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
12	Caloric Restriction in Older Adults—Differential Effects of Weight Loss and Reduced Weight on Brain Structure and Function. <i>Cerebral Cortex</i> , 2017, 27, bhw008.	1.6	80
13	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
14	Impact of Resveratrol on Glucose Control, Hippocampal Structure and Connectivity, and Memory Performance in Patients with Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2017, 11, 105.	1.4	68
15	White matter microstructural variability mediates the relation between obesity and cognition in healthy adults. <i>NeuroImage</i> , 2018, 172, 239-249.	2.1	67
16	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
17	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
18	Vitamin B-12 concentration, memory performance, and hippocampal structure in patients with mild cognitive impairment. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1045-1054.	2.2	56

#	ARTICLE	IF	CITATIONS
19	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
20	Lifestyle and Memory in the Elderly. <i>Neuroepidemiology</i> , 2008, 31, 39-47.	1.1	52
21	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
22	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
23	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
24	Divergent regional patterns of cerebral hypoperfusion and gray matter atrophy in mild cognitive impairment patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 814-824.	2.4	35
25	Using resting-state fMRI to assess the effect of aerobic exercise on functional connectivity of the DLPFC in older overweight adults. <i>Brain and Cognition</i> , 2019, 131, 34-44.	0.8	35
26	Impact of KIBRA Polymorphism on Memory Function and the Hippocampus in Older Adults. <i>Neuropsychopharmacology</i> , 2016, 41, 781-790.	2.8	32
27	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
28	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR γ . <i>Cell Reports</i> , 2020, 33, 108295.	2.9	28
29	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
30	Weight loss reduces head motion: Revisiting a major confound in neuroimaging. <i>Human Brain Mapping</i> , 2020, 41, 2490-2494.	1.9	26
31	Bariatric Surgery and Brain Health—A Longitudinal Observational Study Investigating the Effect of Surgery on Cognitive Function and Gray Matter Volume. <i>Nutrients</i> , 2020, 12, 127.	1.7	25
32	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
33	Impact of leptin on memory function and hippocampal structure in mild cognitive impairment. <i>Human Brain Mapping</i> , 2016, 37, 4539-4549.	1.9	21
34	Mindreading From the Eyes Declines With Aging — Evidence From 1,603 Subjects. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 550416.	1.7	19
35	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
36	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

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37	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
38	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	1.1	15
39	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
40	The Effect of Polyphenols on Working and Episodic Memory in Non-pathological and Pathological Aging: A Systematic Review and Meta-Analysis. <i>Frontiers in Nutrition</i> , 2021, 8, 720756.	1.6	14
41	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
42	Impact of COMT val158met on tDCS-induced cognitive enhancement in older adults. <i>Behavioural Brain Research</i> , 2021, 401, 113081.	1.2	9
43	Relationship between regional white matter hyperintensities and alpha oscillations in older adults. <i>Neurobiology of Aging</i> , 2022, 112, 1-11.	1.5	9
44	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
45	Reading cognition from the eyes 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
46	Effects of bariatric surgery on functional connectivity of the reward and default mode network: A pre-registered analysis. <i>Human Brain Mapping</i> , 2021, 42, 5357-5373.	1.9	7
47	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
48	art.pics Database: An Open Access Database for Art Stimuli for Experimental Research. <i>Frontiers in Psychology</i> , 2020, 11, 576580.	1.1	3
49	[P3139]: IMMUNE CELL POPULATIONS ARE ASSOCIATED WITH HUMAN HIPPOCAMPUS VOLUME. <i>Alzheimer's and Dementia</i> , 2017, 13, P988.	0.4	0