Ulman Lindenberger

List of Publications by Year
in descending order

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395 papers	40,659 citations	2669 95 h-index	3714 179 g-index
445 all docs	445 docs citations	445 times ranked	29670 citing authors

#	Article	IF	Citations
1	General cognitive ability assessment in the German National Cohort (NAKO) â€“ The block-adaptive number series task. World Journal of Biological Psychiatry, 2023, 24, 924-935.	1.3	5
2	Sociohistorical Change in Urban Older Adultsâ€™ Perceived Speed of Time and Time Pressure. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2022, 77, 457-466.	2.4	1
3	Spend time outdoors for your brain â€“ an in-depth longitudinal MRI study. World Journal of Biological Psychiatry, 2022, 23, 201-207.	1.3	12
4	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. Cerebral Cortex, 2022, 32, 839-854.	1.6	25
5	Probing associations between interbrain synchronization and interpersonal action coordination during guitar playing. Annals of the New York Academy of Sciences, 2022, 1507, 146-161.	1.8	14
6	Subjective age and attitudes toward own aging across two decades of historical time.. Psychology and Aging, 2022, 37, 413-429.	1.4	10
7	Age Trajectories of Perceptual Speed and Loneliness: Separating Between-Person and Within-Person Associations. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2022, 77, 118-129.	2.4	3
8	Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. Aging Brain, 2022, 2, 100027.	0.7	8
9	Out of Rhythm: Compromised Precision of Theta-Gamma Coupling Impairs Associative Memory in Old Age. Journal of Neuroscience, 2022, 42, 1752-1764.	1.7	13
10	A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. Science Advances, 2022, 8, eabj2422.	4.7	27
11	No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. Frontiers in Aging Neuroscience, 2022, 14, 795764.	1.7	5
12	Reliability of quantitative multiparameter maps is high for magnetization transfer and proton density but attenuated for <scp>R₁</scp> and <scp>R₂</scp>* in healthy young adults. Human Brain Mapping, 2022, 43, 3585-3603.	1.9	6
13	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. NeuroImage, 2022, 251, 119022.	2.1	7
14	Genetic associations with learning over 100 days of practice. Npj Science of Learning, 2022, 7, 7.	1.5	2
15	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. Frontiers in Human Neuroscience, 2022, 16, .	1.0	8
16	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. Cerebral Cortex, 2021, 31, 1464-1477.	1.6	17
17	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. Cerebral Cortex Communications, 2021, 2, tgab008.	0.7	5
18	Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1778-1790.	2.4	26

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19	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimerâ€™s disease. Nature Communications, 2021, 12, 721.	5.8	67
20	Self-reported sleep relates to microstructural hippocampal decline in ÃŸ-amyloid positive Adults beyond genetic risk. Sleep, 2021, 44, .	0.6	5
21	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. Neurobiology of Aging, 2021, 100, 72-82.	1.5	36
22	Thalamocortical excitability modulation guides human perception under uncertainty. Nature Communications, 2021, 12, 2430.	5.8	56
23	Educational attainment does not influence brain aging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	49
24	Interacting brains coming in sync through their minds: an interbrain neurofeedback study. Annals of the New York Academy of Sciences, 2021, 1500, 48-68.	1.8	16
25	Cohort profile: follow-up of a Berlin Aging Study II (BASE-II) subsample as part of the GendAge study. BMJ Open, 2021, 11, e045576.	0.8	24
26	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. ELife, 2021, 10, .	2.8	7
27	Lost Dynamics and the Dynamics of Loss: Longitudinal Compression of Brain Signal Variability is Coupled with Declines in Functional Integration and Cognitive Performance. Cerebral Cortex, 2021, 31, 5239-5252.	1.6	17
28	Sex differences in dopamine integrity and brain structure among healthy older adults: Relationships to episodic memory. Neurobiology of Aging, 2021, 105, 272-279.	1.5	4
29	Interactive brains, social minds: Neural and physiological mechanisms of interpersonal action coordination. Neuroscience and Biobehavioral Reviews, 2021, 128, 661-677.	2.9	20
30	Urban green is more than the absence of city: Structural and functional neural basis of urbanicity and green space in the neighbourhood of older adults. Landscape and Urban Planning, 2021, 214, 104196.	3.4	6
31	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Declineâ€”Results From the Lifebrain Consortium. Cerebral Cortex, 2021, 31, 1953-1969.	1.6	25
32	Fronto-striatal dopamine D2 receptor availability is associated with cognitive variability in older individuals with low dopamine integrity. Scientific Reports, 2021, 11, 21089.	1.6	1
33	A common polymorphism in the dopamine transporter gene predicts working memory performance and in vivo dopamine integrity in aging. NeuroImage, 2021, 245, 118707.	2.1	5
34	Individual variations in â€˜brain ageâ€™ relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	2.8	71
35	Berlin Aging Study II (BASE-II). , 2021, , 649-656.		0
36	Multimodal assessment of locus coeruleus integrity is associated with lateâ€life memory performance. Alzheimer's and Dementia, 2021, 17, .	0.4	0

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37	Balance between Transmitter Availability and Dopamine D2 Receptors in Prefrontal Cortex Influences Memory Functioning. Cerebral Cortex, 2020, 30, 989-1000.	1.6	26
38	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. Cerebral Cortex, 2020, 30, 2465-2477.	1.6	13
39	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. Sleep, 2020, 43, .	0.6	53
40	On the use of growth models to study normal cognitive aging. International Journal of Behavioral Development, 2020, 44, 88-96.	1.3	14
41	Longitudinal association between hippocampus atrophy and episodicâ€memory decline in nonâ€demented APOE Îµ4 carriers. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12110.	1.2	11
42	Human skill learning: expansion, exploration, selection, and refinement. Current Opinion in Behavioral Sciences, 2020, 36, 163-168.	2.0	17
43	Education and Cognitive Functioning Across the Life Span. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2020, 21, 6-41.	6.7	397
44	Trajectories of Big Five Personality Traits: A Coordinated Analysis of 16 Longitudinal Samples. European Journal of Personality, 2020, 34, 301-321.	1.9	74
45	Human Cognitive Aging: Maintenance Versus Dedifferentiation. , 2020, , .		1
46	Vampires and nurses are rated differently by younger and older adultsâ€"Age-comparative norms of imageability and emotionality for about 2500 German nouns. Behavior Research Methods, 2020, 52, 980-989.	2.3	14
47	Higher performers upregulate brain signal variability in response to more feature-rich visual input. NeuroImage, 2020, 217, 116836.	2.1	27
48	Childhood socioâ€economic disadvantage predicts reduced myelin growth across adolescence and young adulthood. Human Brain Mapping, 2020, 41, 3392-3402.	1.9	31
49	Trajectories of multiple subjective well-being facets across old age: The role of health and personality.. Psychology and Aging, 2020, 35, 894-909.	1.4	19
50	Dehydration predicts longitudinal decline in cognitive functioning and well-being among older adults.. Psychology and Aging, 2020, 35, 517-528.	1.4	9
51	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. Scientific Reports, 2020, 10, 1207.	1.6	3
52	Boosts in brain signal variability track liberal shifts in decision bias. ELife, 2020, 9, .	2.8	9
53	Within-person structures of daily cognitive performance differ from between-person structures of cognitive abilities. PeerJ, 2020, 8, e9290.	0.9	13
54	Poor glucose regulation is associated with declines in well-being among older men, but not women.. Psychology and Aging, 2020, 35, 204-211.	1.4	3

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55	Lifespan Changes in Network Structure and Network Topology Dynamics During Rest and Auditory Oddball Performance. Frontiers in Aging Neuroscience, 2019, 11, 138.	1.7	3
56	The Influence of Hippocampal Dopamine D2 Receptors on Episodic Memory Is Modulated by BDNF and KIBRA Polymorphisms. Journal of Cognitive Neuroscience, 2019, 31, 1422-1429.	1.1	3
57	Cardiovascular factors are related to dopamine integrity and cognition in aging. Annals of Clinical and Translational Neurology, 2019, 6, 2291-2303.	1.7	19
58	Mapping the landscape of human dopamine D2/3 receptors with [11C]raclopride. Brain Structure and Function, 2019, 224, 2871-2882.	1.2	30
59	Rostral locus coeruleus integrity is associated with better memory performance in older adults. Nature Human Behaviour, 2019, 3, 1203-1214.	6.2	129
60	Structural Brain Correlates of Loneliness among Older Adults. Scientific Reports, 2019, 9, 13569.	1.6	57
61	Identifying predictors of within-person variance in MRI-based brain volume estimates. NeuroImage, 2019, 200, 575-589.	2.1	33
62	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. Nature Neuroscience, 2019, 22, 992-999.	7.1	86
63	Hyper-Frequency Network Topology Changes During Choral Singing. Frontiers in Physiology, 2019, 10, 207.	1.3	16
64	Reliable local dynamics in the brain across sessions are revealed by wholeâ€brain modeling of resting state activity. Human Brain Mapping, 2019, 40, 2967-2980.	1.9	26
65	Influence of nutritional tyrosine on cognition and functional connectivity in healthy old humans. NeuroImage, 2019, 193, 139-145.	2.1	15
66	Reply to â€˜Mechanisms underlying resilience in ageingâ€™. Nature Reviews Neuroscience, 2019, 20, 247-247.	4.9	12
67	Dynamic Orchestration of Brains and Instruments During Free Guitar Improvisation. Frontiers in Integrative Neuroscience, 2019, 13, 50.	1.0	22
68	Brain Plasticity in Human Lifespan Development: The Explorationâ€“Selectionâ€“Refinement Model. Annual Review of Developmental Psychology, 2019, 1, 197-222.	1.4	39
69	Dopamine D_{2/3}Binding Potential Modulates Neural Signatures of Working Memory in a Load-Dependent Fashion. Journal of Neuroscience, 2019, 39, 537-547.	1.7	37
70	C957T-mediated Variation in Ligand Affinity Affects the Association between¹¹C-raclopride Binding Potential and Cognition. Journal of Cognitive Neuroscience, 2019, 31, 314-325.	1.1	13
71	Cognitive Reappraisal and Expressive Suppression of Negative Emotion in Combat-Related Posttraumatic Stress Disorder: A Functional MRI Study. Cognitive Therapy and Research, 2019, 43, 236-246.	1.2	18
72	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. Psychological Research, 2019, 83, 1097-1106.	1.0	35

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73	Berlin Aging Study II (BASE-II). , 2019, , 1-8.		3
74	Coupled cognitive changes in adulthood: A meta-analysis.. Psychological Bulletin, 2019, 145, 273-301.	5.5	111
75	Adult age differences in the benefit of syntactic and semantic constraints for sentence processing.. Psychology and Aging, 2019, 34, 43-55.	1.4	13
76	Cohort differences in adult-life trajectories of internal and external control beliefs: A tale of more and better maintained internal control and fewer external constraints.. Psychology and Aging, 2019, 34, 1090-1108.	1.4	24
77	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. NeuroSignals, 2019, 27, 12-24.	0.5	25
78	Humans strategically shift decision bias by flexibly adjusting sensory evidence accumulation. ELife, 2019, 8, .	2.8	71
79	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. ELife, 2019, 8, .	2.8	22
80	Feeling older, walking slowerâ€"but only if someoneâ€™s watching. Subjective age is associated with walking speed in the laboratory, but not in real life. European Journal of Ageing, 2018, 15, 425-433.	1.2	12
81	Age Differences in Day-To-Day Speed-Accuracy Tradeoffs: Results from the COGITO Study. Multivariate Behavioral Research, 2018, 53, 842-852.	1.8	4
82	Hyperbrain network properties of guitarists playing in quartet. Annals of the New York Academy of Sciences, 2018, 1423, 198-210.	1.8	41
83	Healthy minds 0â€"100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€). European Psychiatry, 2018, 50, 47-56.	0.1	53
84	Latent-Profile Analysis Reveals Behavioral and Brain Correlates of Dopamine-Cognition Associations. Cerebral Cortex, 2018, 28, 3894-3907.	1.6	34
85	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. Human Brain Mapping, 2018, 39, 916-931.	1.9	36
86	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. Developmental Cognitive Neuroscience, 2018, 33, 99-117.	1.9	282
87	The Role of Time in the Quest for Understanding Psychological Mechanisms. Multivariate Behavioral Research, 2018, 53, 782-805.	1.8	60
88	Validation of a single factor representing the indicators of metabolic syndrome as a continuous measure of metabolic load and its association with health and cognitive function. PLoS ONE, 2018, 13, e0208231.	1.1	13
89	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. Nature Reviews Neuroscience, 2018, 19, 701-710.	4.9	691
90	Neurocognitive Profiles of Older Adults with Working-Memory Dysfunction. Cerebral Cortex, 2018, 28, 2525-2539.	1.6	25

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91	Complex networks emerging during choir singing. Annals of the New York Academy of Sciences, 2018, 1431, 85-101.	1.8	25
92	Precision, Reliability, and Effect Size of Slope Variance in Latent Growth Curve Models: Implications for Statistical Power Analysis. Frontiers in Psychology, 2018, 9, 294.	1.1	35
93	An Adult Developmental Approach to Perceived Facial Attractiveness and Distinctiveness. Frontiers in Psychology, 2018, 9, 561.	1.1	27
94	Self-rated intensity of habitual physical activities is positively associated with dopamine D2/3 receptor availability and cognition. NeuroImage, 2018, 181, 605-616.	2.1	29
95	Local temporal variability reflects functional integration in the human brain. NeuroImage, 2018, 183, 776-787.	2.1	53
96	Historical trends in modifiable indicators of cardiovascular health and self-rated health among older adults: Cohort differences over 20 years between the Berlin Aging Study (BASE) and the Berlin Aging Study II (BASE-II). PLoS ONE, 2018, 13, e0191699.	1.1	30
97	Hippocampal Maturation Drives Memory from Generalization to Specificity. Trends in Cognitive Sciences, 2018, 22, 676-686.	4.0	102
98	Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2018, 31, 127-136.	0.2	5
99	Psychological and neural correlates of embitterment in old age.. Psychological Trauma: Theory, Research, Practice, and Policy, 2018, 10, 51-57.	1.4	14
100	Assessing reliability in neuroimaging research through intra-class effect decomposition (ICED). ELife, 2018, 7, .	2.8	49
101	Genetic influences on phase synchrony of brain oscillations supporting response inhibition. International Journal of Psychophysiology, 2017, 115, 125-132.	0.5	9
102	Teams on the same wavelength perform better: Inter-brain phase synchronization constitutes a neural substrate for social facilitation. NeuroImage, 2017, 152, 425-436.	2.1	91
103	Towards a stronger science of human plasticity. Nature Reviews Neuroscience, 2017, 18, 261-262.	4.9	49
104	Neural activation patterns during retrieval of schemaâ€related memories: differences and commonalities between children and adults. Developmental Science, 2017, 20, e12475.	1.3	34
105	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. Nature Communications, 2017, 8, 910.	5.8	118
106	In search of features that constitute an â€œenriched environmentâ€• in humans: Associations between geographical properties and brain structure. Scientific Reports, 2017, 7, 11920.	1.6	74
107	Age differences in brain signal variability are robust to multiple vascular controls. Scientific Reports, 2017, 7, 10149.	1.6	64
108	Hippocampal maturity promotes memory distinctiveness in childhood and adolescence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9212-9217.	3.3	97

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109	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. Psychological Science, 2017, 28, 1419-1431.	1.8	77
110	Expansion and Renormalization of Human Brain Structure During Skill Acquisition. Trends in Cognitive Sciences, 2017, 21, 930-939.	4.0	145
111	10-Month-Old Infants Are Sensitive to the Time Course of Perceived Actions: Eye-Tracking and EEG Evidence. Frontiers in Psychology, 2017, 8, 1170.	1.1	6
112	Exercise-Induced Fitness Changes Correlate with Changes in Neural Specificity in Older Adults. Frontiers in Human Neuroscience, 2017, 11, 123.	1.0	23
113	Hyper-Transcranial Alternating Current Stimulation: Experimental Manipulation of Inter-Brain Synchrony. Frontiers in Human Neuroscience, 2017, 11, 539.	1.0	27
114	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. BMC Neuroscience, 2017, 18, 65.	0.8	30
115	Age differences in coupling of intraindividual variability in mnemonic strategies and practice-related associative recall improvements.. Psychology and Aging, 2017, 32, 557-571.	1.4	13
116	Brain synchronization during perception of facial emotional expressions with natural and unnatural dynamics. PLoS ONE, 2017, 12, e0181225.	1.1	6
117	Research on Human Plasticity in Adulthood. , 2016, , 105-123.		26
118	Structure and Topology Dynamics of Hyper-Frequency Networks during Rest and Auditory Oddball Performance. Frontiers in Computational Neuroscience, 2016, 10, 108.	1.2	17
119	Drifting through Basic Subprocesses of Reading: A Hierarchical Diffusion Model Analysis of Age Effects on Visual Word Recognition. Frontiers in Psychology, 2016, 7, 1863.	1.1	16
120	Neural activation patterns of successful episodic encoding: Reorganization during childhood, maintenance in old age. Developmental Cognitive Neuroscience, 2016, 20, 59-69.	1.9	34
121	Theory-guided exploration with structural equation model forests.. Psychological Methods, 2016, 21, 566-582.	2.7	55
122	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. NeuroImage, 2016, 134, 597-606.	2.1	68
123	Editorial. Gerontology, 2016, 62, 311-315.	1.4	98
124	Knowledge Acquisition during Exam Preparation Improves Memory and Modulates Memory Formation. Journal of Neuroscience, 2016, 36, 8103-8111.	1.7	40
125	Cohort Differences in Psychosocial Function over 20 Years: Current Older Adults Feel Less Lonely and Less Dependent on External Circumstances. Gerontology, 2016, 62, 354-361.	1.4	55
126	The Subjective Health Horizon Questionnaire (SHH-Q): Assessing Future Time Perspectives for Facets of an Active Lifestyle. Gerontology, 2016, 62, 345-353.	1.4	30

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127	Dopamine D2 receptor availability is linked to hippocampalâ€“caudate functional connectivity and episodic memory. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7918-7923.	3.3	135
128	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. Cerebral Cortex, 2016, 27, bhw141.	1.6	50
129	Risk Taking for Potential Reward Decreases across the Lifespan. Current Biology, 2016, 26, 1634-1639.	1.8	85
130	BOLD Variability is Related to Dopaminergic Neurotransmission and Cognitive Aging. Cerebral Cortex, 2016, 26, 2074-2083.	1.6	93
131	Changes in fitness are associated with changes in hippocampal microstructure and hippocampal volume among older adults. NeuroImage, 2016, 131, 155-161.	2.1	81
132	Is Available Support Always Helpful for Older Adults? Exploring the Buffering Effects of State and Trait Social Support. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2016, 71, 23-34.	2.4	8
133	Training-induced changes in subsequent-memory effects: No major differences among children, younger adults, and older adults. NeuroImage, 2016, 131, 214-225.	2.1	21
134	Normal aging increases postural preparation errors: Evidence from a two-choice response task with balance constraints. Gait and Posture, 2016, 44, 143-148.	0.6	10
135	Relationships of peripheral IGF-1, VEGF and BDNF levels to exercise-related changes in memory, hippocampal perfusion and volumes in older adults. NeuroImage, 2016, 131, 142-154.	2.1	236
136	â€œUnfocusâ€•on foc.us: commercial tDCS headset impairs working memory. Experimental Brain Research, 2016, 234, 637-643.	0.7	59
137	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3AT. Brain Structure and Function, 2016, 221, 2541-2551.	1.2	43
138	Lower baseline performance but greater plasticity of working memory for carriers of the val allele of the COMT ValÂ¹âµâ¸Met polymorphism.. Neuropsychology, 2015, 29, 247-254.	1.0	33
139	Changes in neural resting state activity in primary and higher-order motor areas induced by a short sensorimotor intervention based on the Feldenkrais method. Frontiers in Human Neuroscience, 2015, 9, 232.	1.0	16
140	Human aging alters the neural computation and representation of space. NeuroImage, 2015, 117, 141-150.	2.1	46
141	Amphetamine modulates brain signal variability and working memory in younger and older adults. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7593-7598.	3.3	94
142	Maintenance of youth-like processing protects against false memory in later adulthood. Neurobiology of Aging, 2015, 36, 933-941.	1.5	35
143	Differences in the Betweenâ€“Person and Withinâ€“Person Structures of Affect Are A Matter of Degree. European Journal of Personality, 2015, 29, 55-71.	1.9	82
144	Walking in high-risk settings: Do older adults still prioritize gait when distracted by a cognitive task?. Experimental Brain Research, 2015, 233, 79-88.	0.7	49

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145	Hippocampal volume and functional connectivity changes during the female menstrual cycle. NeuroImage, 2015, 118, 154-162.	2.1	151
146	Baltes, Paul B (1939â€“2006). , 2015, , 349-352.		0
147	Secular changes in late-life cognition and well-being: Towards a long bright future with a short brisk ending?. Psychology and Aging, 2015, 30, 301-310.	1.4	88
148	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. NeuroImage, 2015, 117, 358-366.	2.1	99
149	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
150	LIFESPAN: A tool for the computer-aided design of longitudinal studies. Frontiers in Psychology, 2015, 6, 272.	1.1	37
151	Aging-related magnification of genetic effects on cognitive and brain integrity. Trends in Cognitive Sciences, 2015, 19, 506-514.	4.0	58
152	Genetics and Functional Imaging: Effects of APOE, BDNF, COMT, and KIBRA in Aging. Neuropsychology Review, 2015, 25, 47-62.	2.5	29
153	The role of TREM2 R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.4	152
154	Rhythmic neural activity indicates the contribution of attention and memory to the processing of occluded movements in 10-month-old infants. International Journal of Psychophysiology, 2015, 98, 201-212.	0.5	7
155	Amygdala/hippocampal activation during the menstrual cycle: Evidence for lateralization of effects across different tasks. Neuropsychologia, 2015, 67, 55-62.	0.7	15
156	The influence of cognitive load and walking speed on gait regularity in children and young adults. Gait and Posture, 2015, 41, 258-262.	0.6	46
157	Berlin Aging Studies (BASE and BASE-II). , 2015, , 1-11.		4
158	Hyper-Brain Networks Support Romantic Kissing in Humans. PLoS ONE, 2014, 9, e112080.	1.1	53
159	A task is a task is a task: putting complex span, n-back, and other working memory indicators in psychometric context. Frontiers in Psychology, 2014, 5, 1475.	1.1	90
160	Cognitive Development. Frontiers for Young Minds, 2014, 2, .	0.8	0
161	MicroRNA-138 is a potential regulator of memory performance in humans. Frontiers in Human Neuroscience, 2014, 8, 501.	1.0	49
162	Coordinated within-Trial Dynamics of Low-Frequency Neural Rhythms Controls Evidence Accumulation. Journal of Neuroscience, 2014, 34, 8519-8528.	1.7	29

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163	Toward a Unified Framework for the Study of Between-Person and Within-Person Structures: Building a Bridge Between Two Research Paradigms. Multivariate Behavioral Research, 2014, 49, 193-213.	1.8	136
164	Articulated coordination of the right arm underlies control of bow parameters and quick bow reversals in skilled cello bowing. Frontiers in Psychology, 2014, 5, 885.	1.1	10
165	Charting the life course: Age differences and validity of beliefs about lifespan development.. Psychology and Aging, 2014, 29, 503-520.	1.4	9
166	The Val/Met polymorphism of the brain-derived neurotrophic factor (BDNF) gene predicts decline in perceptual speed in older adults.. Psychology and Aging, 2014, 29, 384-392.	1.4	27
167	Affect dynamics across the lifespan: With age, heart rate reacts less strongly, but recovers more slowly from unpleasant emotional situations.. Psychology and Aging, 2014, 29, 563-576.	1.4	21
168	COMT polymorphism and memory dedifferentiation in old age.. Psychology and Aging, 2014, 29, 374-383.	1.4	31
169	Deficits in Process-Specific Prefrontal and Hippocampal Activations Contribute to Adult Age Differences in Episodic Memory Interference. Cerebral Cortex, 2014, 24, 1832-1844.	1.6	38
170	A note on age differences in mood-congruent vs. mood-incongruent emotion processing in faces. Frontiers in Psychology, 2014, 5, 635.	1.1	23
171	Cohort Profile: The Berlin Aging Study II (BASE-II)â€. International Journal of Epidemiology, 2014, 43, 703-712.	0.9	213
172	Electrophysiological Correlates of Adult Age Differences in Attentional Control of Auditory Processing. Cerebral Cortex, 2014, 24, 249-260.	1.6	39
173	Cognitive aging: is there a dark side to environmental support?. Trends in Cognitive Sciences, 2014, 18, 7-15.	4.0	110
174	Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. Human Brain Mapping, 2014, 35, 4236-4248.	1.9	142
175	Human cognitive aging: Corriger la fortune?. Science, 2014, 346, 572-578.	6.0	283
176	Assessment of microRNA-related SNP effects in the 3â€² untranslated region of the IL22RA2 risk locus in multiple sclerosis. Neurogenetics, 2014, 15, 129-134.	0.7	19
177	Dopamine and glutamate receptor genes interactively influence episodic memory in old age. Neurobiology of Aging, 2014, 35, 1213.e3-1213.e8.	1.5	28
178	Acute immobilisation facilitates premotor preparatory activity for the non-restrained hand when facing grasp affordances. NeuroImage, 2014, 92, 69-73.	2.1	8
179	Younger adults show long-term effects of cognitive training on broad cognitive abilities over 2 years.. Developmental Psychology, 2014, 50, 2304-2310.	1.2	33
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