

Ulman Lindenberg

List of Publications by Year in descending order

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Version: 2024-02-01

395
papers

40,659
citations

2544

96
h-index

3650

180
g-index

445
all docs

445
docs citations

445
times ranked

29670
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional Brain Changes in Aging Healthy Adults: General Trends, Individual Differences and Modifiers. Cerebral Cortex, 2005, 15, 1676-1689.	2.9	2,331
2	Emergence of a powerful connection between sensory and cognitive functions across the adult life span: A new window to the study of cognitive aging?. Psychology and Aging, 1997, 12, 12-21.	1.6	1,089
3	Enrichment Effects on Adult Cognitive Development. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2008, 9, 1-65.	10.7	1,075
4	LIFESPAN PSYCHOLOGY: Theory and Application to Intellectual Functioning. Annual Review of Psychology, 1999, 50, 471-507.	17.7	961
5	FACESâ€”A database of facial expressions in young, middle-aged, and older women and men: Development and validation. Behavior Research Methods, 2010, 42, 351-362.	4.0	918
6	Memory aging and brain maintenance. Trends in Cognitive Sciences, 2012, 16, 292-305.	7.8	916
7	Sensory functioning and intelligence in old age: A strong connection.. Psychology and Aging, 1994, 9, 339-355.	1.6	893
8	Aging cognition: from neuromodulation to representation. Trends in Cognitive Sciences, 2001, 5, 479-486.	7.8	786
9	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. Nature Reviews Neuroscience, 2018, 19, 701-710.	10.2	691
10	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. Neuroscience and Biobehavioral Reviews, 2006, 30, 791-807.	6.1	648
11	A theoretical framework for the study of adult cognitive plasticity.. Psychological Bulletin, 2010, 136, 659-676.	6.1	593
12	Transformations in the Couplings Among Intellectual Abilities and Constituent Cognitive Processes Across the Life Span. Psychological Science, 2004, 15, 155-163.	3.3	586
13	Adult age differences in task switching.. Psychology and Aging, 2000, 15, 126-147.	1.6	546
14	Trajectories of brain aging in middle-aged and older adults: Regional and individual differences. Neurolmage, 2010, 51, 501-511.	4.2	504
15	Moment-to-moment brain signal variability: A next frontier in human brain mapping?. Neuroscience and Biobehavioral Reviews, 2013, 37, 610-624.	6.1	487
16	On selecting indicators for multivariate measurement and modeling with latent variables: When "good" indicators are bad and "bad" indicators are good.. Psychological Methods, 1999, 4, 192-211.	3.5	486
17	Dual-tasking postural control: Aging and the effects of cognitive demand in conjunction with focus of attention. Brain Research Bulletin, 2006, 69, 294-305.	3.0	485
18	Memorizing while walking: Increase in dual-task costs from young adulthood to old age.. Psychology and Aging, 2000, 15, 417-436.	1.6	470

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19	Emergence of Individuality in Genetically Identical Mice. Science, 2013, 340, 756-759.	12.6	413
20	Intellectual functioning in old and very old age: Cross-sectional results from the Berlin Aging Study.. Psychology and Aging, 1997, 12, 410-432.	1.6	408
21	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.	10.7	397
22	Walking While Memorizing: Age-Related Differences in Compensatory Behavior. Psychological Science, 2001, 12, 230-237.	3.3	388
23	Relations between aging sensory/sensorimotor and cognitive functions. Neuroscience and Biobehavioral Reviews, 2002, 26, 777-783.	6.1	367
24	Speed and intelligence in old age.. Psychology and Aging, 1993, 8, 207-220.	1.6	364
25	Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. Neuroscience and Biobehavioral Reviews, 2010, 34, 670-677.	6.1	339
26	Brains swinging in concert: cortical phase synchronization while playing guitar. BMC Neuroscience, 2009, 10, 22.	1.9	306
27	Working memory plasticity in old age: Practice gain, transfer, and maintenance.. Psychology and Aging, 2008, 23, 731-742.	1.6	304
28	Structural brain plasticity in adult learning and development. Neuroscience and Biobehavioral Reviews, 2013, 37, 2296-2310.	6.1	302
29	Human aging magnifies genetic effects on executive functioning and working memory. Frontiers in Human Neuroscience, 2008, 2, 1.	2.0	292
30	Human cognitive aging: <i>Corriger la fortune?</i>. Science, 2014, 346, 572-578.	12.6	283
31	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. Developmental Cognitive Neuroscience, 2018, 33, 99-117.	4.0	282
32	Hundred days of cognitive training enhance broad cognitive abilities in adulthood: findings from the COGITO study. Frontiers in Aging Neuroscience, 2010, 2, .	3.4	281
33	Seeking Pleasure and Seeking Pain: Differences in Prohedonic and Contra-Hedonic Motivation From Adolescence to Old Age. Psychological Science, 2009, 20, 1529-1535.	3.3	270
34	Episodic memory across the lifespan: The contributions of associative and strategic components. Neuroscience and Biobehavioral Reviews, 2010, 34, 1080-1091.	6.1	251
35	Cross-sectional age variance extraction: What's change got to do with it?. Psychology and Aging, 2011, 26, 34-47.	1.6	250
36	Social Participation Attenuates Decline in Perceptual Speed in Old and Very Old Age.. Psychology and Aging, 2005, 20, 423-434.	1.6	237

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37	Relationships of peripheral IGF-1, VEGF and BDNF levels to exercise-related changes in memory, hippocampal perfusion and volumes in older adults. <i>NeuroImage</i> , 2016, 131, 142-154.	4.2	236
38	The fate of cognition in very old age: Six-year longitudinal findings in the Berlin Aging Study (BASE).. <i>Psychology and Aging</i> , 2003, 18, 318-331.	1.6	221
39	Intra- and interbrain synchronization and network properties when playing guitar in duets. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 312.	2.0	217
40	Late-life decline in well-being across adulthood in Germany, the United Kingdom, and the United States: Something is seriously wrong at the end of life.. <i>Psychology and Aging</i> , 2010, 25, 477-485.	1.6	214
41	Cohort Profile: The Berlin Aging Study II (BASE-II)â€. <i>International Journal of Epidemiology</i> , 2014, 43, 703-712.	1.9	213
42	Experience-dependent plasticity of white-matter microstructure extends into old age. <i>Neuropsychologia</i> , 2010, 48, 3878-3883.	1.6	212
43	Age-related decline in brain resources magnifies genetic effects on cognitive functioning. <i>Frontiers in Neuroscience</i> , 2008, 2, 234-244.	2.8	203
44	Cognitive and sensory declines in old age: Gauging the evidence for a common cause.. <i>Psychology and Aging</i> , 2009, 24, 1-16.	1.6	201
45	Complex span versus updating tasks of working memory: The gap is not that deep.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 1089-1096.	0.9	198
46	Peak individual alpha frequency qualifies as a stable neurophysiological trait marker in healthy younger and older adults. <i>Psychophysiology</i> , 2013, 50, 570-582.	2.4	196
47	Plasticity of memory for new learning in very old age: A story of major loss?. <i>Psychology and Aging</i> , 2003, 18, 306-317.	1.6	190
48	Associative and strategic components of episodic memory: A life-span dissociation.. <i>Journal of Experimental Psychology: General</i> , 2008, 137, 495-513.	2.1	185
49	Performance level modulates adult age differences in brain activation during spatial working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22552-22557.	7.1	182
50	Life satisfaction shows terminal decline in old age: Longitudinal evidence from the German Socio-Economic Panel Study (SOEP).. <i>Developmental Psychology</i> , 2008, 44, 1148-1159.	1.6	181
51	The complex nature of unique and shared effects in hierarchical linear regression: Implications for developmental psychology.. <i>Psychological Methods</i> , 1998, 3, 218-230.	3.5	173
52	Directional dominance on stature and cognition inÂdiverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
53	Decline in life satisfaction in old age: Longitudinal evidence for links to distance-to-death.. <i>Psychology and Aging</i> , 2008, 23, 154-168.	1.6	171
54	Memory Maintenance and Inhibitory Control Differentiate from Early Childhood to Adolescence. <i>Developmental Neuropsychology</i> , 2010, 35, 679-697.	1.4	171

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55	Cardiac and Respiratory Patterns Synchronize between Persons during Choir Singing. PLoS ONE, 2011, 6, e24893.	2.5	170
56	Spatial navigation training protects the hippocampus against age-related changes during early and late adulthood. Neurobiology of Aging, 2012, 33, 620.e9-620.e22.	3.1	169
57	Age differences in executive functioning across the lifespan: The role of verbalization in task preparation. Acta Psychologica, 2004, 115, 143-165.	1.5	162
58	Memory plasticity across the life span: Uncovering children's latent potential.. Developmental Psychology, 2007, 43, 465-478.	1.6	161
59	Life Span Differences in Electrophysiological Correlates of Monitoring Gains and Losses during Probabilistic Reinforcement Learning. Journal of Cognitive Neuroscience, 2011, 23, 579-592.	2.3	156
60	Age-Related Changes in Task-Switching Components: The Role of Task Uncertainty. Brain and Cognition, 2002, 49, 363-381.	1.8	154
61	The role of <i>TREM2</i> 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.	0.8	152
62	Hippocampal volume and functional connectivity changes during the female menstrual cycle. NeuroImage, 2015, 118, 154-162.	4.2	151
63	Individual alpha peak frequency is related to latent factors of general cognitive abilities. NeuroImage, 2013, 79, 10-18.	4.2	149
64	On the power of multivariate latent growth curve models to detect correlated change.. Psychological Methods, 2006, 11, 244-252.	3.5	148
65	The strong connection between sensory and cognitive performance in old age: Not due to sensory acuity reductions operating during cognitive assessment.. Psychology and Aging, 2001, 16, 196-205.	1.6	146
66	Only time will tell: Cross-sectional studies offer no solution to the ageâ€“brainâ€“cognition triangle: Comment on Salthouse (2011).. Psychological Bulletin, 2011, 137, 790-795.	6.1	145
67	Expansion and Renormalization of Human Brain Structure During Skill Acquisition. Trends in Cognitive Sciences, 2017, 21, 930-939.	7.8	145
68	Age-Based Structural Dynamics Between Perceptual Speed and Knowledge in the Berlin Aging Study: Direct Evidence for Ability Dedifferentiation in Old Age.. Psychology and Aging, 2003, 18, 696-713.	1.6	144
69	Within-person trial-to-trial variability precedes and predicts cognitive decline in old and very old age: Longitudinal data from the Berlin Aging Study. Neuropsychologia, 2007, 45, 2827-2838.	1.6	144
70	Daily variability in working memory is coupled with negative affect: The role of attention and motivation.. Emotion, 2012, 12, 605-617.	1.8	144
71	On the range of cognitive plasticity in old age as a function of experience: 15 years of intervention research. Behavior Therapy, 1988, 19, 283-300.	2.4	143
72	Revisiting the dedifferentiation hypothesis with longitudinal multi-cohort data. Intelligence, 2007, 35, 381-392.	3.0	143

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73	Cognitive plasticity in adulthood and old age: Gauging the generality of cognitive intervention effects. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 435-453.	0.7	142
74	Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. <i>Human Brain Mapping</i> , 2014, 35, 4236-4248.	3.6	142
75	Load Modulation of BOLD Response and Connectivity Predicts Working Memory Performance in Younger and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2030-2045.	2.3	137
76	Intra- and Inter-Brain Synchronization during Musical Improvisation on the Guitar. <i>PLoS ONE</i> , 2013, 8, e73852.	2.5	137
77	Toward a Unified Framework for the Study of Between-Person and Within-Person Structures: Building a Bridge Between Two Research Paradigms. <i>Multivariate Behavioral Research</i> , 2014, 49, 193-213.	3.1	136
78	Dopamine D2 receptor availability is linked to hippocampal and caudate functional connectivity and episodic memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7918-7923.	7.1	135
79	Longitudinal Selectivity in Aging Populations: Separating Mortality-Associated Versus Experimental Components in the Berlin Aging Study (BASE). <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2002, 57, P474-P482.	3.9	132
80	Rostral locus coeruleus integrity is associated with better memory performance in older adults. <i>Nature Human Behaviour</i> , 2019, 3, 1203-1214.	12.0	129
81	Hippocampal Subfield Volumes: Age, Vascular Risk, and Correlation with Associative Memory. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 2.	3.4	128
82	Let me guess how old you are: Effects of age, gender, and facial expression on perceptions of age.. <i>Psychology and Aging</i> , 2012, 27, 265-277.	1.6	126
83	Training-induced compensation versus magnification of individual differences in memory performance. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 141.	2.0	124
84	Structural equation model trees.. <i>Psychological Methods</i> , 2013, 18, 71-86.	3.5	124
85	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	6.1	121
86	Walking Variability and Working-Memory Load in Aging: A Dual-Process Account Relating Cognitive Control to Motor Control Performance. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2008, 63, P121-P128.	3.9	121
87	Neuroanatomical Correlates of Fluid Intelligence in Healthy Adults and Persons with Vascular Risk Factors. <i>Cerebral Cortex</i> , 2008, 18, 718-726.	2.9	120
88	Lifespan age differences in working memory: A two-component framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2007-2033.	6.1	120
89	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
90	Coupled cognitive changes in adulthood: A meta-analysis.. <i>Psychological Bulletin</i> , 2019, 145, 273-301.	6.1	111

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91	Evaluating the Power of Latent Growth Curve Models to Detect Individual Differences in Change. Structural Equation Modeling, 2008, 15, 541-563.	3.8	110
92	Cortical thickness is linked to executive functioning in adulthood and aging. Human Brain Mapping, 2012, 33, 1607-1620.	3.6	110
93	Cognitive aging: is there a dark side to environmental support?. Trends in Cognitive Sciences, 2014, 18, 7-15.	7.8	110
94	Directionality in hyperbrain networks discriminates between leaders and followers in guitar duets. Frontiers in Human Neuroscience, 2013, 7, 234.	2.0	107
95	On the relation of mean reaction time and intraindividual reaction time variability.. Psychology and Aging, 2009, 24, 841-857.	1.6	106
96	An electrophysiological study of response conflict processing across the lifespan: Assessing the roles of conflict monitoring, cue utilization, response anticipation, and response suppression. Neuropsychologia, 2010, 48, 3305-3316.	1.6	103
97	Interacting effects of cognitive load and adult age on the regularity of whole-body motion during treadmill walking.. Psychology and Aging, 2009, 24, 75-81.	1.6	102
98	Hippocampal Maturation Drives Memory from Generalization to Specificity. Trends in Cognitive Sciences, 2018, 22, 676-686.	7.8	102
99	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. Neurolmage, 2015, 117, 358-366.	4.2	99
100	Age and time-to-death trajectories of change in indicators of cognitive, sensory, physical, health, social, and self-related functions.. Developmental Psychology, 2013, 49, 1805-1821.	1.6	98
101	Editorial. Gerontology, 2016, 62, 311-315.	2.8	98
102	Electrophysiological correlates of selective attention: A lifespan comparison. BMC Neuroscience, 2008, 9, 18.	1.9	97
103	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.	7.1	97
104	Dopaminergic modulation of cognition across the life span. Neuroscience and Biobehavioral Reviews, 2010, 34, 625-630.	6.1	94
105	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.	7.1	94
106	Brain oscillatory correlates of working memory constraints. Brain Research, 2011, 1375, 93-102.	2.2	93
107	Beyond "happy, angry, or sad": Age-of-poser and age-of-rater effects on multi-dimensional emotion perception. Cognition and Emotion, 2011, 25, 968-982.	2.0	93
108	BOLD Variability is Related to Dopaminergic Neurotransmission and Cognitive Aging. Cerebral Cortex, 2016, 26, 2074-2083.	2.9	93

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109	Teams on the same wavelength perform better: Inter-brain phase synchronization constitutes a neural substrate for social facilitation. <i>NeuroImage</i> , 2017, 152, 425-436.	4.2	91
110	A task is a task is a task: putting complex span, n-back, and other working memory indicators in psychometric context. <i>Frontiers in Psychology</i> , 2014, 5, 1475.	2.1	90
111	Well-being affects changes in perceptual speed in advanced old age: Longitudinal evidence for a dynamic link.. <i>Developmental Psychology</i> , 2007, 43, 705-718.	1.6	88
112	Secular changes in late-life cognition and well-being: Towards a long bright future with a short brisk ending?. <i>Psychology and Aging</i> , 2015, 30, 301-310.	1.6	88
113	Psychological Principles of Successful Aging Technologies: A Mini-Review. <i>Gerontology</i> , 2008, 54, 59-68.	2.8	86
114	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019, 22, 992-999.	14.8	86
115	Risk Taking for Potential Reward Decreases across the Lifespan. <i>Current Biology</i> , 2016, 26, 1634-1639.	3.9	85
116	Testing-the-Limits and Experimental Simulation: Two Methods to Explicate the Role of Learning in Development. <i>Human Development</i> , 1995, 38, 349-360.	2.0	84
117	Age differences between children and young adults in the dynamics of dual-task prioritization: Body (balance) versus mind (memory).. <i>Developmental Psychology</i> , 2008, 44, 747-757.	1.6	84
118	Adult age differences in memory for nameâ€“face associations: The effects of intentional and incidental learning. <i>Memory</i> , 2009, 17, 220-232.	1.7	84
119	Neuromodulation of associative and organizational plasticity across the life span: Empirical evidence and neurocomputational modeling. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 775-790.	6.1	83
120	Two thirds of the age-based changes in fluid and crystallized intelligence, perceptual speed, and memory in adulthood are shared. <i>Intelligence</i> , 2012, 40, 260-268.	3.0	83
121	Longitudinal Cognition-Survival Relations in Old and Very Old Age. <i>European Psychologist</i> , 2006, 11, 204-223.	3.1	83
122	Differences in the Betweenâ€“Person and Withinâ€“Person Structures of Affect Are A Matter of Degree. <i>European Journal of Personality</i> , 2015, 29, 55-71.	3.1	82
123	Unifying cognitive aging: From neuromodulation to representation to cognition. <i>Neurocomputing</i> , 2000, 32-33, 879-890.	5.9	81
124	A neurocomputational model of stochastic resonance and aging. <i>Neurocomputing</i> , 2006, 69, 1553-1560.	5.9	81
125	Changes in fitness are associated with changes in hippocampal microstructure and hippocampal volume among older adults. <i>NeuroImage</i> , 2016, 131, 155-161.	4.2	81
126	Static and Dynamic Longitudinal Structural Analyses of Cognitive Changes in Old Age. <i>Gerontology</i> , 2004, 50, 12-16.	2.8	80

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127	Interference and facilitation in spatial working memory: Age-associated differences in lure effects in the n-back paradigm.. Psychology and Aging, 2009, 24, 203-210.	1.6	80
128	Professional expertise does not eliminate age differences in imagery-based memory performance during adulthood.. Psychology and Aging, 1992, 7, 585-593.	1.6	78
129	Environmental topography and postural control demands shape aging-associated decrements in spatial navigation performance.. Psychology and Aging, 2005, 20, 683-694.	1.6	78
130	Contralateral Delay Activity Reveals Life-Span Age Differences in Top-Down Modulation of Working Memory Contents. Cerebral Cortex, 2011, 21, 2809-2819.	2.9	78
131	Aging Neuromodulation Impairs Associative Binding. Psychological Science, 2005, 16, 445-450.	3.3	78
132	Healthy mind in healthy body? A review of sensorimotorâ€œcognitive interdependencies in old age. European Review of Aging and Physical Activity, 2006, 3, 45-54.	2.9	77
133	Cortical thickness changes following spatial navigation training in adulthood and aging. Neurolmage, 2012, 59, 3389-3397.	4.2	77
134	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. Psychological Science, 2017, 28, 1419-1431.	3.3	77
135	Amplitude modulations and inter-trial phase stability of alpha-oscillations differentially reflect working memory constraints across the lifespan. Neurolmage, 2012, 59, 646-654.	4.2	75
136	Lower theta inter-trial phase coherence during performance monitoring is related to higher reaction time variability: A lifespan study. Neurolmage, 2013, 83, 912-920.	4.2	74
137	In search of features that constitute an â€œenriched environmentâ€œ in humans: Associations between geographical properties and brain structure. Scientific Reports, 2017, 7, 11920.	3.3	74
138	Trajectories of Big Five Personality Traits: A Coordinated Analysis of 16 Longitudinal Samples. European Journal of Personality, 2020, 34, 301-321.	3.1	74
139	Affective and cardiovascular responding to unpleasant events from adolescence to old age: Complexity of events matters.. Developmental Psychology, 2013, 49, 384-397.	1.6	73
140	Humans strategically shift decision bias by flexibly adjusting sensory evidence accumulation. ELife, 2019, 8, .	6.0	71
141	Individual variations in â€œbrain ageâ€œ™ relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
142	Committing memory errors with high confidence: Older adults do but children don't. Memory, 2009, 17, 169-179.	1.7	70
143	Lifespan changes in multi-tasking: Concurrent walking and memory search in children, young, and older adults. Gait and Posture, 2011, 33, 401-405.	1.4	70
144	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation. , 2006, , 289-313.		69

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145	KIBRA and CLSTN2 polymorphisms exert interactive effects on human episodic memory. <i>Neuropsychologia</i> , 2010, 48, 402-408.	1.6	68
146	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , 2016, 134, 597-606.	4.2	68
147	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 721.	12.8	67
148	Cognition in the Berlin Aging Study (BASE): The First 10 Years. <i>Aging, Neuropsychology, and Cognition</i> , 2004, 11, 104-133.	1.3	66
149	Interactive brains, social minds. <i>Communicative and Integrative Biology</i> , 2011, 4, 655-663.	1.4	66
150	The dynamics of change in striatal activity following updating training. <i>Human Brain Mapping</i> , 2013, 34, 1530-1541.	3.6	66
151	Cognitive performance is improved while walking: Differences in cognitive-sensorimotor couplings between children and young adults. <i>European Journal of Developmental Psychology</i> , 2010, 7, 371-389.	1.8	64
152	Normal aging dampens the link between intrusive thoughts and negative affect in reaction to daily stressors. <i>Psychology and Aging</i> , 2011, 26, 488-502.	1.6	64
153	A Scaffold for Efficiency in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 17150-17159.	3.6	64
154	Age differences in brain signal variability are robust to multiple vascular controls. <i>Scientific Reports</i> , 2017, 7, 10149.	3.3	64
155	Exploring structural dynamics within and between sensory and intellectual functioning in old and very old age: Longitudinal evidence from the Berlin Aging Study. <i>Intelligence</i> , 2005, 33, 555-587.	3.0	63
156	Developmental change and intraindividual variability: Relating cognitive aging to cognitive plasticity, cardiovascular lability, and emotional diversity. <i>Psychology and Aging</i> , 2011, 26, 363-371.	1.6	62
157	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. <i>Brain</i> , 2013, 136, 1778-1782.	7.6	60
158	The Role of Time in the Quest for Understanding Psychological Mechanisms. <i>Multivariate Behavioral Research</i> , 2018, 53, 782-805.	3.1	60
159	Lifespan differences in cortical dynamics of auditory perception. <i>Developmental Science</i> , 2009, 12, 839-853.	2.4	59
160	Unfocus on focus: commercial tDCS headset impairs working memory. <i>Experimental Brain Research</i> , 2016, 234, 637-643.	1.5	59
161	Aging-related magnification of genetic effects on cognitive and brain integrity. <i>Trends in Cognitive Sciences</i> , 2015, 19, 506-514.	7.8	58
162	Structural Brain Correlates of Loneliness among Older Adults. <i>Scientific Reports</i> , 2019, 9, 13569.	3.3	57

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163	Is seeking bad mood cognitively demanding? Contra-hedonic orientation and working-memory capacity in everyday life.. <i>Emotion</i> , 2011, 11, 656-665.	1.8	56
164	Thalamocortical excitability modulation guides human perception under uncertainty. <i>Nature Communications</i> , 2021, 12, 2430.	12.8	56
165	Ebbinghaus Revisited: Influences of the BDNF Val<i>66</i>Met Polymorphism on Backward Serial Recall Are Modulated by Human Aging. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2164-2173.	2.3	55
166	Theory-guided exploration with structural equation model forests.. <i>Psychological Methods</i> , 2016, 21, 566-582.	3.5	55
167	Cohort Differences in Psychosocial Function over 20 Years: Current Older Adults Feel Less Lonely and Less Dependent on External Circumstances. <i>Gerontology</i> , 2016, 62, 354-361.	2.8	55
168	EEG gamma-band synchronization in visual coding from childhood to old age: Evidence from evoked power and inter-trial phase locking. <i>Clinical Neurophysiology</i> , 2009, 120, 1291-1302.	1.5	54
169	Human aging compromises attentional control of auditory perception.. <i>Psychology and Aging</i> , 2012, 27, 99-105.	1.6	54
170	Comparing memory skill maintenance across the life span: Preservation in adults, increase in children.. <i>Psychology and Aging</i> , 2008, 23, 227-238.	1.6	53
171	Aging magnifies the effects of dopamine transporter and D2 receptor genes on backward serial memory. <i>Neurobiology of Aging</i> , 2013, 34, 358.e1-358.e10.	3.1	53
172	Does variability in cognitive performance correlate with frontal brain volume?. <i>NeuroImage</i> , 2013, 64, 209-215.	4.2	53
173	Hyper-Brain Networks Support Romantic Kissing in Humans. <i>PLoS ONE</i> , 2014, 9, e112080.	2.5	53
174	Healthy minds 0â€“100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€œ). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.2	53
175	Local temporal variability reflects functional integration in the human brain. <i>NeuroImage</i> , 2018, 183, 776-787.	4.2	53
176	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020, 43, .	1.1	53
177	Cognitive Enrichment in Old Age. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2010, 23, 59-67.	0.5	53
178	Adult Age Differences in Covariation of Motivation and Working Memory Performance: Contrasting Between-Person and Within-Person Findings. <i>Research in Human Development</i> , 2010, 7, 61-78.	1.3	52
179	Coordination of degrees of freedom and stabilization of task variables in a complex motor skill: expertise-related differences in cello bowing. <i>Experimental Brain Research</i> , 2013, 224, 323-334.	1.5	51
180	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. <i>Cerebral Cortex</i> , 2016, 27, bhw141.	2.9	50

#	ARTICLE	IF	CITATIONS
181	Delineating brain-behavior mappings across the lifespan: Substantive and methodological advances in developmental neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 713-717.	6.1	49
182	MicroRNA-138 is a potential regulator of memory performance in humans. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 501.	2.0	49
183	Walking in high-risk settings: Do older adults still prioritize gait when distracted by a cognitive task?. <i>Experimental Brain Research</i> , 2015, 233, 79-88.	1.5	49
184	Towards a stronger science of human plasticity. <i>Nature Reviews Neuroscience</i> , 2017, 18, 261-262.	10.2	49
185	Educational attainment does not influence brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
186	Assessing reliability in neuroimaging research through intra-class effect decomposition (ICED). <i>ELife</i> , 2018, 7, .	6.0	49
187	Where people live and die makes a difference: Individual and geographic disparities in well-being progression at the end of life.. <i>Psychology and Aging</i> , 2010, 25, 661-676.	1.6	48
188	Binding and strategic selection in working memory: A lifespan dissociation.. <i>Psychology and Aging</i> , 2011, 26, 612-624.	1.6	48
189	The effect of multiple indicators on the power to detect inter-individual differences in change. <i>British Journal of Mathematical and Statistical Psychology</i> , 2010, 63, 627-646.	1.4	47
190	Variability in Cognitive Aging: From Taxonomy to Theory. , 2006, , 297-314.		47
191	Human aging alters the neural computation and representation of space. <i>NeuroImage</i> , 2015, 117, 141-150.	4.2	46
192	The influence of cognitive load and walking speed on gait regularity in children and young adults. <i>Gait and Posture</i> , 2015, 41, 258-262.	1.4	46
193	Lifespan development of stimulus-response conflict cost: similarities and differences between maturation and senescence. <i>Psychological Research</i> , 2009, 73, 777-785.	1.7	45
194	Feature-based interference from unattended visual field during attentional tracking in younger and older adults. <i>Journal of Vision</i> , 2011, 11, 1-1.	0.3	45
195	Keeping It Steady. <i>Psychological Science</i> , 2013, 24, 1747-1754.	3.3	44
196	A lifespan comparison of the reliability, test-retest stability, and signal-to-noise ratio of event-related potentials assessed during performance monitoring. <i>Psychophysiology</i> , 2013, 50, 111-123.	2.4	43
197	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3AT. <i>Brain Structure and Function</i> , 2016, 221, 2541-2551.	2.3	43
198	Genetic influences on dynamic complexity of brain oscillations. <i>Neuroscience Letters</i> , 2006, 397, 93-98.	2.1	42

#	ARTICLE	IF	CITATIONS
199	Brain Areas Consistently Linked to Individual Differences in Perceptual Decision-making in Younger as well as Older Adults before and after Training. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2147-2158.	2.3	42
200	Normal aging reduces motor synergies in manual pointing. <i>Neurobiology of Aging</i> , 2012, 33, 200.e1-200.e10.	3.1	42
201	Differential brain shrinkage over 6months shows limited association with cognitive practice. <i>Brain and Cognition</i> , 2013, 82, 171-180.	1.8	42
202	Functions, operations, and decalage in the development of transitivity.. <i>Developmental Psychology</i> , 1988, 24, 542-551.	1.6	41
203	Studying Individual Aging in an Interindividual Context: Typical Paths of Age-Related, Dementia-Related, and Mortality-Related Cognitive Development in Old Age.. <i>Psychology and Aging</i> , 2005, 20, 303-316.	1.6	41
204	White matter deterioration in 15 months: latent growth curve models in healthy adults. <i>Neurobiology of Aging</i> , 2012, 33, 429.e1-429.e5.	3.1	41
205	Hyperbrain network properties of guitarists playing in quartet. <i>Annals of the New York Academy of Sciences</i> , 2018, 1423, 198-210.	3.8	41
206	Knowledge Acquisition during Exam Preparation Improves Memory and Modulates Memory Formation. <i>Journal of Neuroscience</i> , 2016, 36, 8103-8111.	3.6	40
207	Modeling intrusions and correct recall in episodic memory: Adult age differences in encoding of list context.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1993, 19, 617-637.	0.9	39
208	High-confidence memory errors in old age: The roles of monitoring and binding processes. <i>Memory</i> , 2013, 21, 732-750.	1.7	39
209	Electrophysiological Correlates of Adult Age Differences in Attentional Control of Auditory Processing. <i>Cerebral Cortex</i> , 2014, 24, 249-260.	2.9	39
210	Brain Plasticity in Human Lifespan Development: The Explorationâ€“Selectionâ€“Refinement Model. <i>Annual Review of Developmental Psychology</i> , 2019, 1, 197-222.	2.9	39
211	Feature Integration Across the Lifespan: Stickier Stimulus?Response Bindings in Children and Older Adults. <i>Frontiers in Psychology</i> , 2011, 2, 268.	2.1	38
212	Deficits in Process-Specific Prefrontal and Hippocampal Activations Contribute to Adult Age Differences in Episodic Memory Interference. <i>Cerebral Cortex</i> , 2014, 24, 1832-1844.	2.9	38
213	LIFESPAN: A tool for the computer-aided design of longitudinal studies. <i>Frontiers in Psychology</i> , 2015, 6, 272.	2.1	37
214	Dopamine D_{2/3}Binding Potential Modulates Neural Signatures of Working Memory in a Load-Dependent Fashion. <i>Journal of Neuroscience</i> , 2019, 39, 537-547.	3.6	37
215	Effects of joint attention on longâ€“term memory in 9â€“monthâ€“old infants: an eventâ€“related potentials study. <i>Developmental Science</i> , 2011, 14, 660-672.	2.4	36
216	The Development of Episodic Memory: Lifespan Lessons. <i>Child Development Perspectives</i> , 2011, 5, 148-155.	3.9	36

#	ARTICLE	IF	CITATIONS
217	Maximum Likelihood Dynamic Factor Modeling for Arbitrary<i>N</i>and<i>T</i>Using SEM. Structural Equation Modeling, 2012, 19, 329-350.	3.8	36
218	Normal Aging Delays and Compromises Early Multifocal Visual Attention during Object Tracking. Journal of Cognitive Neuroscience, 2013, 25, 188-202.	2.3	36
219	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. Human Brain Mapping, 2018, 39, 916-931.	3.6	36
220	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. Neurobiology of Aging, 2021, 100, 72-82.	3.1	36
221	Life-span plasticity of the brain and cognition: From questions to evidence and back. Neuroscience and Biobehavioral Reviews, 2013, 37, 2195-2200.	6.1	35
222	Dopaminergic Gene Polymorphisms Affect Long-term Forgetting in Old Age: Further Support for the Magnification Hypothesis. Journal of Cognitive Neuroscience, 2013, 25, 571-579.	2.3	35
223	Normative shifts of cortical mechanisms of encoding contribute to adult age differences in visualâ€“spatial working memory. Neurolmage, 2013, 73, 167-175.	4.2	35
224	Affective states contribute to trait reports of affective well-being.. Emotion, 2013, 13, 940-948.	1.8	35
225	Maintenance of youth-like processing protects against false memory in later adulthood. Neurobiology of Aging, 2015, 36, 933-941.	3.1	35
226	Precision, Reliability, and Effect Size of Slope Variance in Latent Growth Curve Models: Implications for Statistical Power Analysis. Frontiers in Psychology, 2018, 9, 294.	2.1	35
227	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. Psychological Research, 2019, 83, 1097-1106.	1.7	35
228	With a Little Help from My Spouse: Does Spousal Collaboration Compensate for the Effects of Cognitive Aging?. Gerontology, 2011, 57, 161-166.	2.8	34
229	Physical and emotional well-being and the balance of needed and received emotional support: Age differences in a daily diary study. Social Science and Medicine, 2013, 91, 67-75.	3.8	34
230	Genome-wide significant association ofANKRD55rs6859219 and multiple sclerosis risk. Journal of Medical Genetics, 2013, 50, 140-143.	3.2	34
231	Neural activation patterns of successful episodic encoding: Reorganization during childhood, maintenance in old age. Developmental Cognitive Neuroscience, 2016, 20, 59-69.	4.0	34
232	Neural activation patterns during retrieval of schemaâ€“related memories: differences and commonalities between children and adults. Developmental Science, 2017, 20, e12475.	2.4	34
233	Latent-Profile Analysis Reveals Behavioral and Brain Correlates of Dopamine-Cognition Associations. Cerebral Cortex, 2018, 28, 3894-3907.	2.9	34
234	Motor-equivalent covariation stabilizes step parameters and center of mass position during treadmill walking. Experimental Brain Research, 2010, 207, 13-26.	1.5	33

#	ARTICLE	IF	CITATIONS
235	Differences in binding and monitoring mechanisms contribute to lifespan age differences in false memory.. <i>Developmental Psychology</i> , 2013, 49, 1822-1832.	1.6	33
236	Younger adults show long-term effects of cognitive training on broad cognitive abilities over 2 years.. <i>Developmental Psychology</i> , 2014, 50, 2304-2310.	1.6	33
237	Lower baseline performance but greater plasticity of working memory for carriers of the val allele of the COMT Val ¹⁵⁸ Met polymorphism.. <i>Neuropsychology</i> , 2015, 29, 247-254.	1.3	33
238	Identifying predictors of within-person variance in MRI-based brain volume estimates. <i>NeuroImage</i> , 2019, 200, 575-589.	4.2	33
239	Quantitative and qualitative sex differences in spatial navigation. <i>Scandinavian Journal of Psychology</i> , 2007, 48, 353-358.	1.5	32
240	Performance-Related Increases in Hippocampal N-acetylaspartate (NAA) Induced by Spatial Navigation Training Are Restricted to BDNF Val Homozygotes. <i>Cerebral Cortex</i> , 2011, 21, 1435-1442.	2.9	32
241	Basal forebrain integrity and cognitive memory profile in healthy aging. <i>Brain Research</i> , 2010, 1308, 124-136.	2.2	31
242	Closing the case of APOE in multiple sclerosis: no association with disease risk in over 29,000 subjects: Figure 1. <i>Journal of Medical Genetics</i> , 2012, 49, 558-562.	3.2	31
243	COMT polymorphism and memory dedifferentiation in old age.. <i>Psychology and Aging</i> , 2014, 29, 374-383.	1.6	31
244	Childhood socioeconomic disadvantage predicts reduced myelin growth across adolescence and young adulthood. <i>Human Brain Mapping</i> , 2020, 41, 3392-3402.	3.6	31
245	The Subjective Health Horizon Questionnaire (SHH-Q): Assessing Future Time Perspectives for Facets of an Active Lifestyle. <i>Gerontology</i> , 2016, 62, 345-353.	2.8	30
246	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. <i>BMC Neuroscience</i> , 2017, 18, 65.	1.9	30
247	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). <i>PLoS ONE</i> , 2018, 13, e0191699.	2.5	30
248	Mapping the landscape of human dopamine D2/3 receptors with [11C]raclopride. <i>Brain Structure and Function</i> , 2019, 224, 2871-2882.	2.3	30
249	Dyadic drumming across the lifespan reveals a zone of proximal development in children.. <i>Developmental Psychology</i> , 2011, 47, 632-644.	1.6	29
250	Coordinated within-Trial Dynamics of Low-Frequency Neural Rhythms Controls Evidence Accumulation. <i>Journal of Neuroscience</i> , 2014, 34, 8519-8528.	3.6	29
251	Genetics and Functional Imaging: Effects of APOE, BDNF, COMT, and KIBRA in Aging. <i>Neuropsychology Review</i> , 2015, 25, 47-62.	4.9	29
252	Self-rated intensity of habitual physical activities is positively associated with dopamine D2/3 receptor availability and cognition. <i>NeuroImage</i> , 2018, 181, 605-616.	4.2	29

#	ARTICLE	IF	CITATIONS
253	The Role of Inhibition in the Regulation of Sequential Action. <i>Psychological Science</i> , 2000, 11, 343-347.	3.3	28
254	A close relationship between verbal memory and SN/VTA integrity in young and older adults. <i>Neuropsychologia</i> , 2008, 46, 3042-3052.	1.6	28
255	Inter-individual performance differences in younger and older adults differentially relate to amplitude modulations and phase stability of oscillations controlling working memory contents. <i>NeuroImage</i> , 2012, 60, 71-82.	4.2	28
256	Dopamine and glutamate receptor genes interactively influence episodic memory in old age. <i>Neurobiology of Aging</i> , 2014, 35, 1213.e3-1213.e8.	3.1	28
257	Adult age differences in familiarization to treadmill walking within virtual environments. <i>Gait and Posture</i> , 2010, 31, 295-299.	1.4	27
258	The Val/Met polymorphism of the brain-derived neurotrophic factor (BDNF) gene predicts decline in perceptual speed in older adults.. <i>Psychology and Aging</i> , 2014, 29, 384-392.	1.6	27
259	Hyper-Transcranial Alternating Current Stimulation: Experimental Manipulation of Inter-Brain Synchrony. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 539.	2.0	27
260	An Adult Developmental Approach to Perceived Facial Attractiveness and Distinctiveness. <i>Frontiers in Psychology</i> , 2018, 9, 561.	2.1	27
261	Higher performers upregulate brain signal variability in response to more feature-rich visual input. <i>NeuroImage</i> , 2020, 217, 116836.	4.2	27
262	A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. <i>Science Advances</i> , 2022, 8, eabj2422.	10.3	27
263	Differential Age Effects on Semantic and Syntactic Priming. <i>International Journal of Behavioral Development</i> , 1998, 22, 813-845.	2.4	26
264	Research on Human Plasticity in Adulthood. , 2016, , 105-123.		26
265	Reliable local dynamics in the brain across sessions are revealed by whole-brain modeling of resting state activity. <i>Human Brain Mapping</i> , 2019, 40, 2967-2980.	3.6	26
266	Balance between Transmitter Availability and Dopamine D2 Receptors in Prefrontal Cortex Influences Memory Functioning. <i>Cerebral Cortex</i> , 2020, 30, 989-1000.	2.9	26
267	Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1778-1790.	4.3	26
268	Adult Age Differences and the Role of Cognitive Resources in Perceptual-Motor Skill Acquisition: Application of a Multilevel Negative Exponential Model. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2010, 65B, 163-173.	3.9	25
269	Neurocognitive Profiles of Older Adults with Working-Memory Dysfunction. <i>Cerebral Cortex</i> , 2018, 28, 2525-2539.	2.9	25
270	Complex networks emerging during choir singing. <i>Annals of the New York Academy of Sciences</i> , 2018, 1431, 85-101.	3.8	25

#	ARTICLE	IF	CITATIONS
271	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	2.9	25
272	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. <i>Cerebral Cortex</i> , 2021, 31, 1953-1969.	2.9	25
273	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. <i>NeuroSignals</i> , 2019, 27, 12-24.	0.9	25
274	Cohort profile: follow-up of a Berlin Aging Study II (BASE-II) subsample as part of the GendAge study. <i>BMJ Open</i> , 2021, 11, e045576.	1.9	24
275	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.. <i>Psychology and Aging</i> , 2019, 34, 1090-1108.	1.6	24
276	Normal aging increases discriminial dispersion in visuospatial short-term memory.. <i>Psychology and Aging</i> , 2012, 27, 627-637.	1.6	23
277	Dopamine modulates attentional control of auditory perception: DARPP-32 (PPP1R1B) genotype effects on behavior and cortical evoked potentials. <i>Neuropsychologia</i> , 2013, 51, 1649-1661.	1.6	23
278	A note on age differences in mood-congruent vs. mood-incongruent emotion processing in faces. <i>Frontiers in Psychology</i> , 2014, 5, 635.	2.1	23
279	Exercise-Induced Fitness Changes Correlate with Changes in Neural Specificity in Older Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 123.	2.0	23
280	Concrete operations and attentional capacity. <i>Journal of Experimental Child Psychology</i> , 1989, 47, 236-258.	1.4	22
281	Higher intraindividual variability is associated with more forgetting and dedifferentiated memory functions in old age. <i>Neuropsychologia</i> , 2011, 49, 1879-1888.	1.6	22
282	Dynamic Orchestration of Brains and Instruments During Free Guitar Improvisation. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 50.	2.1	22
283	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , 2019, 8, .	6.0	22
284	Coconstructed functionality instead of functional normality. <i>Behavioral and Brain Sciences</i> , 2002, 25, 761-762.	0.7	21
285	Independent replication of STAT3 association with multiple sclerosis risk in a large German case—control sample. <i>Neurogenetics</i> , 2012, 13, 83-86.	1.4	21
286	Affect dynamics across the lifespan: With age, heart rate reacts less strongly, but recovers more slowly from unpleasant emotional situations.. <i>Psychology and Aging</i> , 2014, 29, 563-576.	1.6	21
287	Training-induced changes in subsequent-memory effects: No major differences among children, younger adults, and older adults. <i>NeuroImage</i> , 2016, 131, 214-225.	4.2	21
288	Lifespan differences in nonlinear dynamics during rest and auditory oddball performance. <i>Developmental Science</i> , 2012, 15, 540-556.	2.4	20

#	ARTICLE	IF	CITATIONS
289	The neural representation of intrusive thoughts. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 688-693.	3.0	20
290	Here we go again: Anticipatory and reactive mood responses to recurring unpleasant situations throughout adulthood.. <i>Emotion</i> , 2013, 13, 424-433.	1.8	20
291	Interactive brains, social minds: Neural and physiological mechanisms of interpersonal action coordination. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 661-677.	6.1	20
292	Development of Intellectual Abilities in Old Age: From Age Gradients to Individuals. , 2005, , 203-222.		20
293	Health is health is health? Age differences in intraindividual variability and in within-person versus between-person factor structures of self-reported health complaints.. <i>Psychology and Aging</i> , 2012, 27, 881-891.	1.6	19
294	Memory updating practice across 100 days in the COGITO study.. <i>Psychology and Aging</i> , 2012, 27, 451-461.	1.6	19
295	Assessment of microRNA-related SNP effects in the 3' untranslated region of the IL22RA2 risk locus in multiple sclerosis. <i>Neurogenetics</i> , 2014, 15, 129-134.	1.4	19
296	Cardiovascular factors are related to dopamine integrity and cognition in aging. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2291-2303.	3.7	19
297	Trajectories of multiple subjective well-being facets across old age: The role of health and personality.. <i>Psychology and Aging</i> , 2020, 35, 894-909.	1.6	19
298	Heterogeneity in Frontal Lobe Aging. , 2013, , 609-627.		19
299	The Center for Lifespan Psychology at the Max Planck Institute for Human Development: Overview of conceptual agenda and illustration of research activities. <i>International Journal of Psychology</i> , 2007, 42, 229-242.	2.8	18
300	Age-related differences in temporal and spatial dimensions of episodic memory performance before and after hundred days of practice.. <i>Psychology and Aging</i> , 2013, 28, 467-480.	1.6	18
301	Cognitive Reappraisal and Expressive Suppression of Negative Emotion in Combat-Related Posttraumatic Stress Disorder: A Functional MRI Study. <i>Cognitive Therapy and Research</i> , 2019, 43, 236-246.	1.9	18
302	The two-component model of memory development, and its potential implications for educational settings. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, S67-S77.	4.0	17
303	Structure and Topology Dynamics of Hyper-Frequency Networks during Rest and Auditory Oddball Performance. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 108.	2.1	17
304	Human skill learning: expansion, exploration, selection, and refinement. <i>Current Opinion in Behavioral Sciences</i> , 2020, 36, 163-168.	3.9	17
305	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. <i>Cerebral Cortex</i> , 2021, 31, 1464-1477.	2.9	17
306	Lost Dynamics and the Dynamics of Loss: Longitudinal Compression of Brain Signal Variability is Coupled with Declines in Functional Integration and Cognitive Performance. <i>Cerebral Cortex</i> , 2021, 31, 5239-5252.	2.9	17

#	ARTICLE	IF	CITATIONS
307	Changes in neural resting state activity in primary and higher-order motor areas induced by a short sensorimotor intervention based on the Feldenkrais method. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 232.	2.0	16
308	Drifting through Basic Subprocesses of Reading: A Hierarchical Diffusion Model Analysis of Age Effects on Visual Word Recognition. <i>Frontiers in Psychology</i> , 2016, 7, 1863.	2.1	16
309	Hyper-Frequency Network Topology Changes During Choral Singing. <i>Frontiers in Physiology</i> , 2019, 10, 207.	2.8	16
310	Interacting brains coming in sync through their minds: an interbrain neurofeedback study. <i>Annals of the New York Academy of Sciences</i> , 2021, 1500, 48-68.	3.8	16
311	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation Review and Preview. , 2006, , 289-313.		15
312	Schema reliance for developmental goals increases from early to late adulthood: Improvement for the young, loss prevention for the old.. <i>Psychology and Aging</i> , 2009, 24, 310-323.	1.6	15
313	News of cognitive cure for age-related brain shrinkage is premature: A comment on Burgmans et al. (2009).. <i>Neuropsychology</i> , 2010, 24, 255-257.	1.3	15
314	Heterogeneity in memory training improvement among older adults: A latent class analysis. <i>Memory</i> , 2012, 20, 554-567.	1.7	15
315	Exploiting biomechanical degrees of freedom for fast and accurate changes in movement direction: coordination underlying quick bow reversals during continuous cello bowing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 157.	2.0	15
316	Amygdala/hippocampal activation during the menstrual cycle: Evidence for lateralization of effects across different tasks. <i>Neuropsychologia</i> , 2015, 67, 55-62.	1.6	15
317	Influence of nutritional tyrosine on cognition and functional connectivity in healthy old humans. <i>NeuroImage</i> , 2019, 193, 139-145.	4.2	15
318	How to detect reasoning-remembering dependence (and how not to). <i>Developmental Review</i> , 1992, 12, 187-198.	4.7	14
319	Fit Body, Fit Mind?. <i>Scientific American Mind</i> , 2009, 20, 24-31.	0.0	14
320	Older Adults Show Preserved Equilibrium but Impaired Step Length Control in Motor-Equivalent Stabilization of Gait. <i>PLoS ONE</i> , 2012, 7, e52024.	2.5	14
321	On the use of growth models to study normal cognitive aging. <i>International Journal of Behavioral Development</i> , 2020, 44, 88-96.	2.4	14
322	Vampires and nurses are rated differently by younger and older adults – Age-comparative norms of imageability and emotionality for about 2500 German nouns. <i>Behavior Research Methods</i> , 2020, 52, 980-989.	4.0	14
323	Probing associations between interbrain synchronization and interpersonal action coordination during guitar playing. <i>Annals of the New York Academy of Sciences</i> , 2022, 1507, 146-161.	3.8	14
324	Psychological and neural correlates of embitterment in old age.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2018, 10, 51-57.	2.1	14

#	ARTICLE	IF	CITATIONS
325	Development of attentional control of verbal auditory perception from middle to late childhood: Comparisons to healthy aging.. <i>Developmental Psychology</i> , 2013, 49, 1982-1993.	1.6	13
326	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. <i>PLoS ONE</i> , 2018, 13, e0208231.	2.5	13
327	<i>C957T</i> -mediated Variation in Ligand Affinity Affects the Association between ¹¹ C-raclopride Binding Potential and Cognition. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 314-325.	2.3	13
328	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 2465-2477.	2.9	13
329	Age differences in coupling of intraindividual variability in mnemonic strategies and practice-related associative recall improvements.. <i>Psychology and Aging</i> , 2017, 32, 557-571.	1.6	13
330	Adult age differences in the benefit of syntactic and semantic constraints for sentence processing.. <i>Psychology and Aging</i> , 2019, 34, 43-55.	1.6	13
331	Within-person structures of daily cognitive performance differ from between-person structures of cognitive abilities. <i>PeerJ</i> , 2020, 8, e9290.	2.0	13
332	Out of Rhythm: Compromised Precision of Theta-Gamma Coupling Impairs Associative Memory in Old Age. <i>Journal of Neuroscience</i> , 2022, 42, 1752-1764.	3.6	13
333	Feeling older, walking slower”but only if someone’s watching. Subjective age is associated with walking speed in the laboratory, but not in real life. <i>European Journal of Ageing</i> , 2018, 15, 425-433.	2.8	12
334	Reply to “Mechanisms underlying resilience in ageing”. <i>Nature Reviews Neuroscience</i> , 2019, 20, 247-247.	10.2	12
335	Spend time outdoors for your brain – an in-depth longitudinal MRI study. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 201-207.	2.6	12
336	Social cues at encoding affect memory in 4-month-old infants. <i>Social Neuroscience</i> , 2012, 7, 458-472.	1.3	11
337	Thinking While Walking: Experienced High-Heel Walkers Flexibly Adjust Their Gait. <i>Frontiers in Psychology</i> , 2013, 4, 316.	2.1	11
338	Longitudinal association between hippocampus atrophy and episodic memory decline in non-demented <i>APOE</i> $\epsilon 4$ carriers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12110.	2.4	11
339	Articulated coordination of the right arm underlies control of bow parameters and quick bow reversals in skilled cello bowing. <i>Frontiers in Psychology</i> , 2014, 5, 885.	2.1	10
340	Normal aging increases postural preparation errors: Evidence from a two-choice response task with balance constraints. <i>Gait and Posture</i> , 2016, 44, 143-148.	1.4	10
341	Sensorimotor-Cognitive Couplings in the Context of Assistive Spatial Navigation for Older Adults. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2010, 23, 69-77.	0.5	10
342	Aging and Technology – Friends, not Foes. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2010, 23, 55-57.	0.5	10

#	ARTICLE	IF	CITATIONS
343	Modeling longitudinal changes in old age: From covariance structures to dynamic systems. , 2004, , 199-216.		10
344	Subjective age and attitudes toward own aging across two decades of historical time.. Psychology and Aging, 2022, 37, 413-429.	1.6	10
345	Introduction to the special section on intraindividual variability and aging.. Psychology and Aging, 2009, 24, 775-777.	1.6	9
346	Local and global effects of neck muscle vibration during stabilization of upright standing. Experimental Brain Research, 2011, 210, 313-324.	1.5	9
347	Charting the life course: Age differences and validity of beliefs about lifespan development.. Psychology and Aging, 2014, 29, 503-520.	1.6	9
348	Genetic influences on phase synchrony of brain oscillations supporting response inhibition. International Journal of Psychophysiology, 2017, 115, 125-132.	1.0	9
349	Dehydration predicts longitudinal decline in cognitive functioning and well-being among older adults.. Psychology and Aging, 2020, 35, 517-528.	1.6	9
350	5 Dopaminergic Modulation of Cognition in Human Aging. , 2009, , 71-92.		9
351	Boosts in brain signal variability track liberal shifts in decision bias. ELife, 2020, 9, .	6.0	9
352	Acute immobilisation facilitates premotor preparatory activity for the non-restrained hand when facing grasp affordances. Neurolmage, 2014, 92, 69-73.	4.2	8
353	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.	3.9	8
354	Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. Aging Brain, 2022, 2, 100027.	1.3	8
355	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. Frontiers in Human Neuroscience, 2022, 16, .	2.0	8
356	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.	1.0	7
357	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. ELife, 2021, 10, .	6.0	7
358	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. Neurolmage, 2022, 251, 119022.	4.2	7
359	A laboratory evaluation framework for pedestrian navigation devices. , 2007, , .		6
360	Age differences in processing fluctuations in postural control across trials and across days.. Psychology and Aging, 2011, 26, 731-737.	1.6	6

#	ARTICLE	IF	CITATIONS
361	10-Month-Old Infants Are Sensitive to the Time Course of Perceived Actions: Eye-Tracking and EEG Evidence. <i>Frontiers in Psychology</i> , 2017, 8, 1170.	2.1	6
362	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. <i>Landscape and Urban Planning</i> , 2021, 214, 104196.	7.5	6
363	Brain synchronization during perception of facial emotional expressions with natural and unnatural dynamics. <i>PLoS ONE</i> , 2017, 12, e0181225.	2.5	6
364	Reliability of quantitative multiparameter maps is high for magnetization transfer and proton density but attenuated for R^2_1 and R^2_2 in healthy young adults. <i>Human Brain Mapping</i> , 2022, 43, 3585-3603.	3.6	6
365	Co-Constructing Human Engineering Technologies in Old Age: Lifespan Psychology as a Conceptual Foundation. , 2006, , 350-376.		5
366	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab008.	1.6	5
367	Self-reported sleep relates to microstructural hippocampal decline in Aβ-amyloid positive Adults beyond genetic risk. <i>Sleep</i> , 2021, 44, .	1.1	5
368	Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2018, 31, 127-136.	0.5	5
369	Développement intellectuel au cours du cycle de vie : sources de variabilité et niveaux d'analyse. <i>Année Psychologique</i> , 2008, 108, 757.	0.3	5
370	A common polymorphism in the dopamine transporter gene predicts working memory performance and in vivo dopamine integrity in aging. <i>NeuroImage</i> , 2021, 245, 118707.	4.2	5
371	No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 795764.	3.4	5
372	General cognitive ability assessment in the German National Cohort (NAKO) – The block-adaptive number series task. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 924-935.	2.6	5
373	Maternal Affect Attunement: Refinement and Internal Validation of a Coding Scheme. <i>International Journal of Developmental Sciences</i> , 2010, 4, 1-17.	0.5	4
374	Age Differences in Day-To-Day Speed-Accuracy Tradeoffs: Results from the COGITO Study. <i>Multivariate Behavioral Research</i> , 2018, 53, 842-852.	3.1	4
375	Sex differences in dopamine integrity and brain structure among healthy older adults: Relationships to episodic memory. <i>Neurobiology of Aging</i> , 2021, 105, 272-279.	3.1	4
376	Simulating Statistical Power in Latent Growth Curve Modeling: A Strategy for Evaluating Age-Based Changes in Cognitive Resources. <i>Cognitive Technologies</i> , 2010, , 95-117.	0.8	4
377	Berlin Aging Studies (BASE and BASE-II). , 2015, , 1-11.		4
378	Late-Life Decline in Well-Being Across Adulthood in Germany, the UK, and the US: Something is Seriously Wrong at the End of Life. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	3

#	ARTICLE	IF	CITATIONS
379	Lifespan Changes in Network Structure and Network Topology Dynamics During Rest and Auditory Oddball Performance. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 138.	3.4	3
380	The Influence of Hippocampal Dopamine D2 Receptors on Episodic Memory Is Modulated by BDNF and KIBRA Polymorphisms. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1422-1429.	2.3	3
381	Berlin Aging Study II (BASE-II). , 2019, , 1-8.		3
382	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. <i>Scientific Reports</i> , 2020, 10, 1207.	3.3	3
383	Age Trajectories of Perceptual Speed and Loneliness: Separating Between-Person and Within-Person Associations. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 118-129.	3.9	3
384	Poor glucose regulation is associated with declines in well-being among older men, but not women.. <i>Psychology and Aging</i> , 2020, 35, 204-211.	1.6	3
385	Was ist kognitives Altern? Begriffsbestimmung und Forschungstrends. , 2008, , 69-82.		2
386	Genetic associations with learning over 100 days of practice. <i>Npj Science of Learning</i> , 2022, 7, 7.	2.8	2
387	Benefits of graphic design expertise in old age: compensatory effects of a graphical lexicon?. , 0, , 261-280.		1
388	Human Cognitive Aging: Maintenance Versus Dedifferentiation. , 2020, , .		1
389	Sociohistorical Change in Urban Older Adultsâ€™ Perceived Speed of Time and Time Pressure. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 457-466.	3.9	1
390	Where People Live and Die Makes a Difference: Individual and Geographic Disparities in Well-Being Progression at the End of Life. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
391	Fronto-striatal dopamine D2 receptor availability is associated with cognitive variability in older individuals with low dopamine integrity. <i>Scientific Reports</i> , 2021, 11, 21089.	3.3	1
392	Cognitive Development. <i>Frontiers for Young Minds</i> , 2014, 2, .	0.8	0
393	Baltes, Paul B (1939â€“2006). , 2015, , 349-352.		0
394	Berlin Aging Study II (BASE-II). , 2021, , 649-656.		0
395	Multimodal assessment of locus coeruleus integrity is associated with lateâ€life memory performance. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0