

Ulman Lindenberger

List of Publications by Year in descending order

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Version: 2024-02-01

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	Regional Brain Changes in Aging Healthy Adults: General Trends, Individual Differences and Modifiers. <i>Cerebral Cortex</i> , 2005, 15, 1676-1689.	1.6	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?. <i>Psychology and Aging</i> , 1997, 12, 12-21.	1.4	1,089
3	Enrichment Effects on Adult Cognitive Development. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2008, 9, 1-65.	6.7	1,075
4	LIFESPAN PSYCHOLOGY: Theory and Application to Intellectual Functioning. <i>Annual Review of Psychology</i> , 1999, 50, 471-507.	9.9	961
5	FACESâ€”A database of facial expressions in young, middle-aged, and older women and men: Development and validation. <i>Behavior Research Methods</i> , 2010, 42, 351-362.	2.3	918
6	Memory aging and brain maintenance. <i>Trends in Cognitive Sciences</i> , 2012, 16, 292-305.	4.0	916
7	Sensory functioning and intelligence in old age: A strong connection.. <i>Psychology and Aging</i> , 1994, 9, 339-355.	1.4	893
8	Ageing cognition: from neuromodulation to representation. <i>Trends in Cognitive Sciences</i> , 2001, 5, 479-486.	4.0	786
9	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. <i>Nature Reviews Neuroscience</i> , 2018, 19, 701-710.	4.9	691
10	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 791-807.	2.9	648
11	A theoretical framework for the study of adult cognitive plasticity.. <i>Psychological Bulletin</i> , 2010, 136, 659-676.	5.5	593
12	Transformations in the Couplings Among Intellectual Abilities and Constituent Cognitive Processes Across the Life Span. <i>Psychological Science</i> , 2004, 15, 155-163.	1.8	586
13	Adult age differences in task switching.. <i>Psychology and Aging</i> , 2000, 15, 126-147.	1.4	546
14	Trajectories of brain aging in middle-aged and older adults: Regional and individual differences. <i>NeuroImage</i> , 2010, 51, 501-511.	2.1	504
15	Moment-to-moment brain signal variability: A next frontier in human brain mapping?. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 610-624.	2.9	487
16	On selecting indicators for multivariate measurement and modeling with latent variables: When "good" indicators are bad and "bad" indicators are good.. <i>Psychological Methods</i> , 1999, 4, 192-211.	2.7	486
17	Dual-tasking postural control: Aging and the effects of cognitive demand in conjunction with focus of attention. <i>Brain Research Bulletin</i> , 2006, 69, 294-305.	1.4	485
18	Memorizing while walking: Increase in dual-task costs from young adulthood to old age.. <i>Psychology and Aging</i> , 2000, 15, 417-436.	1.4	470

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19	Emergence of Individuality in Genetically Identical Mice. <i>Science</i> , 2013, 340, 756-759.	6.0	413
20	Intellectual functioning in old and very old age: Cross-sectional results from the Berlin Aging Study.. <i>Psychology and Aging</i> , 1997, 12, 410-432.	1.4	408
21	Education and Cognitive Functioning Across the Life Span. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2020, 21, 6-41.	6.7	397
22	Walking While Memorizing: Age-Related Differences in Compensatory Behavior. <i>Psychological Science</i> , 2001, 12, 230-237.	1.8	388
23	Relations between aging sensory/sensorimotor and cognitive functions. <i>Neuroscience and Biobehavioral Reviews</i> , 2002, 26, 777-783.	2.9	367
24	Speed and intelligence in old age.. <i>Psychology and Aging</i> , 1993, 8, 207-220.	1.4	364
25	Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 670-677.	2.9	339
26	Brains swinging in concert: cortical phase synchronization while playing guitar. <i>BMC Neuroscience</i> , 2009, 10, 22.	0.8	306
27	Working memory plasticity in old age: Practice gain, transfer, and maintenance.. <i>Psychology and Aging</i> , 2008, 23, 731-742.	1.4	304
28	Structural brain plasticity in adult learning and development. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2296-2310.	2.9	302
29	Human aging magnifies genetic effects on executive functioning and working memory. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 1.	1.0	292
30	Human cognitive aging: <i>Corriger la fortune?</i>. <i>Science</i> , 2014, 346, 572-578.	6.0	283
31	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 99-117.	1.9	282
32	Hundred days of cognitive training enhance broad cognitive abilities in adulthood: findings from the COGITO study. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, .	1.7	281
33	Seeking Pleasure and Seeking Pain: Differences in Prohedonic and Contra-Hedonic Motivation From Adolescence to Old Age. <i>Psychological Science</i> , 2009, 20, 1529-1535.	1.8	270
34	Episodic memory across the lifespan: The contributions of associative and strategic components. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1080-1091.	2.9	251
35	Cross-sectional age variance extraction: What's change got to do with it?. <i>Psychology and Aging</i> , 2011, 26, 34-47.	1.4	250
36	Social Participation Attenuates Decline in Perceptual Speed in Old and Very Old Age.. <i>Psychology and Aging</i> , 2005, 20, 423-434.	1.4	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.	2.1	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.	1.4	221
39	Intra- and interbrain synchronization and network properties when playing guitar in duets. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 312.	1.0	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.	1.4	214
41	Cohort Profile: The Berlin Aging Study II (BASE-II)â€. <i>International Journal of Epidemiology</i> , 2014, 43, 703-712.	0.9	213
42	Experience-dependent plasticity of white-matter microstructure extends into old age. <i>Neuropsychologia</i> , 2010, 48, 3878-3883.	0.7	212
43	Age-related decline in brain resources magnifies genetic effects on cognitive functioning. <i>Frontiers in Neuroscience</i> , 2008, 2, 234-244.	1.4	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.	1.4	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.	0.7	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.	1.2	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.	1.4	190
48	Associative and strategic components of episodic memory: A life-span dissociation.. <i>Journal of Experimental Psychology: General</i> , 2008, 137, 495-513.	1.5	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.	3.3	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.	1.2	181
51	The complex nature of unique and shared effects in hierarchical linear regression: Implications for developmental psychology.. , 1998, 3, 218-230.		173
52	Directional dominance on stature and cognition inÂdiverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	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.	1.4	171
54	Memory Maintenance and Inhibitory Control Differentiate from Early Childhood to Adolescence. <i>Developmental Neuropsychology</i> , 2010, 35, 679-697.	1.0	171

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55	Cardiac and Respiratory Patterns Synchronize between Persons during Choir Singing. PLoS ONE, 2011, 6, e24893.	1.1	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.	1.5	169
57	Age differences in executive functioning across the lifespan: The role of verbalization in task preparation. Acta Psychologica, 2004, 115, 143-165.	0.7	162
58	Memory plasticity across the life span: Uncovering children's latent potential.. Developmental Psychology, 2007, 43, 465-478.	1.2	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.	1.1	156
60	Age-Related Changes in Task-Switching Components: The Role of Task Uncertainty. Brain and Cognition, 2002, 49, 363-381.	0.8	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.	0.4	152
62	Hippocampal volume and functional connectivity changes during the female menstrual cycle. NeuroImage, 2015, 118, 154-162.	2.1	151
63	Individual alpha peak frequency is related to latent factors of general cognitive abilities. NeuroImage, 2013, 79, 10-18.	2.1	149
64	On the power of multivariate latent growth curve models to detect correlated change.. Psychological Methods, 2006, 11, 244-252.	2.7	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.	1.4	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.	5.5	145
67	Expansion and Renormalization of Human Brain Structure During Skill Acquisition. Trends in Cognitive Sciences, 2017, 21, 930-939.	4.0	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.	1.4	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.	0.7	144
70	Daily variability in working memory is coupled with negative affect: The role of attention and motivation.. Emotion, 2012, 12, 605-617.	1.5	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.	1.3	143
72	Revisiting the dedifferentiation hypothesis with longitudinal multi-cohort data. Intelligence, 2007, 35, 381-392.	1.6	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.	0.4	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.	1.9	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.	1.1	137
76	Intra- and Inter-Brain Synchronization during Musical Improvisation on the Guitar. <i>PLoS ONE</i> , 2013, 8, e73852.	1.1	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.	1.8	136
78	Dopamine D2 receptor availability is linked to hippocampal 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.	3.3	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.	2.4	132
80	Rostral locus coeruleus integrity is associated with better memory performance in older adults. <i>Nature Human Behaviour</i> , 2019, 3, 1203-1214.	6.2	129
81	Hippocampal Subfield Volumes: Age, Vascular Risk, and Correlation with Associative Memory. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 2.	1.7	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.	1.4	126
83	Training-induced compensation versus magnification of individual differences in memory performance. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 141.	1.0	124
84	Structural equation model trees.. <i>Psychological Methods</i> , 2013, 18, 71-86.	2.7	124
85	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	2.9	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.	2.4	121
87	Neuroanatomical Correlates of Fluid Intelligence in Healthy Adults and Persons with Vascular Risk Factors. <i>Cerebral Cortex</i> , 2008, 18, 718-726.	1.6	120
88	Lifespan age differences in working memory: A two-component framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2007-2033.	2.9	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.	5.8	118
90	Coupled cognitive changes in adulthood: A meta-analysis.. <i>Psychological Bulletin</i> , 2019, 145, 273-301.	5.5	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.	2.4	110
92	Cortical thickness is linked to executive functioning in adulthood and aging. Human Brain Mapping, 2012, 33, 1607-1620.	1.9	110
93	Cognitive aging: is there a dark side to environmental support?. Trends in Cognitive Sciences, 2014, 18, 7-15.	4.0	110
94	Directionality in hyperbrain networks discriminates between leaders and followers in guitar duets. Frontiers in Human Neuroscience, 2013, 7, 234.	1.0	107
95	On the relation of mean reaction time and intraindividual reaction time variability.. Psychology and Aging, 2009, 24, 841-857.	1.4	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.	0.7	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.	1.4	102
98	Hippocampal Maturation Drives Memory from Generalization to Specificity. Trends in Cognitive Sciences, 2018, 22, 676-686.	4.0	102
99	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. NeuroImage, 2015, 117, 358-366.	2.1	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.	1.2	98
101	Editorial. Gerontology, 2016, 62, 311-315.	1.4	98
102	Electrophysiological correlates of selective attention: A lifespan comparison. BMC Neuroscience, 2008, 9, 18.	0.8	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.	3.3	97
104	Dopaminergic modulation of cognition across the life span. Neuroscience and Biobehavioral Reviews, 2010, 34, 625-630.	2.9	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.	3.3	94
106	Brain oscillatory correlates of working memory constraints. Brain Research, 2011, 1375, 93-102.	1.1	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.	1.2	93
108	BOLD Variability is Related to Dopaminergic Neurotransmission and Cognitive Aging. Cerebral Cortex, 2016, 26, 2074-2083.	1.6	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.	2.1	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.	1.1	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.	1.2	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.	1.4	88
113	Psychological Principles of Successful Aging Technologies: A Mini-Review. <i>Gerontology</i> , 2008, 54, 59-68.	1.4	86
114	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019, 22, 992-999.	7.1	86
115	Risk Taking for Potential Reward Decreases across the Lifespan. <i>Current Biology</i> , 2016, 26, 1634-1639.	1.8	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.	1.2	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.	1.2	84
118	Adult age differences in memory for name-face associations: The effects of intentional and incidental learning. <i>Memory</i> , 2009, 17, 220-232.	0.9	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.	2.9	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.	1.6	83
121	Longitudinal Cognition-Survival Relations in Old and Very Old Age. <i>European Psychologist</i> , 2006, 11, 204-223.	1.8	83
122	Differences in the Between-Person and Within-Person Structures of Affect Are A Matter of Degree. <i>European Journal of Personality</i> , 2015, 29, 55-71.	1.9	82
123	Unifying cognitive aging: From neuromodulation to representation to cognition. <i>Neurocomputing</i> , 2000, 32-33, 879-890.	3.5	81
124	A neurocomputational model of stochastic resonance and aging. <i>Neurocomputing</i> , 2006, 69, 1553-1560.	3.5	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.	2.1	81
126	Static and Dynamic Longitudinal Structural Analyses of Cognitive Changes in Old Age. <i>Gerontology</i> , 2004, 50, 12-16.	1.4	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.	1.4	80
128	Professional expertise does not eliminate age differences in imagery-based memory performance during adulthood.. Psychology and Aging, 1992, 7, 585-593.	1.4	78
129	Environmental topography and postural control demands shape aging-associated decrements in spatial navigation performance.. Psychology and Aging, 2005, 20, 683-694.	1.4	78
130	Contralateral Delay Activity Reveals Life-Span Age Differences in Top-Down Modulation of Working Memory Contents. Cerebral Cortex, 2011, 21, 2809-2819.	1.6	78
131	Aging Neuromodulation Impairs Associative Binding. Psychological Science, 2005, 16, 445-450.	1.8	78
132	Healthy mind in healthy body? A review of sensorimotorâ€™cognitive interdependencies in old age. European Review of Aging and Physical Activity, 2006, 3, 45-54.	1.3	77
133	Cortical thickness changes following spatial navigation training in adulthood and aging. NeuroImage, 2012, 59, 3389-3397.	2.1	77
134	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. Psychological Science, 2017, 28, 1419-1431.	1.8	77
135	Amplitude modulations and inter-trial phase stability of alpha-oscillations differentially reflect working memory constraints across the lifespan. NeuroImage, 2012, 59, 646-654.	2.1	75
136	Lower theta inter-trial phase coherence during performance monitoring is related to higher reaction time variability: A lifespan study. NeuroImage, 2013, 83, 912-920.	2.1	74
137	In search of features that constitute an â€™enriched environmentâ€™ in humans: Associations between geographical properties and brain structure. Scientific Reports, 2017, 7, 11920.	1.6	74
138	Trajectories of Big Five Personality Traits: A Coordinated Analysis of 16 Longitudinal Samples. European Journal of Personality, 2020, 34, 301-321.	1.9	74
139	Affective and cardiovascular responding to unpleasant events from adolescence to old age: Complexity of events matters.. Developmental Psychology, 2013, 49, 384-397.	1.2	73
140	Humans strategically shift decision bias by flexibly adjusting sensory evidence accumulation. ELife, 2019, 8, .	2.8	71
141	Individual variations in â€™brain ageâ€™ relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	2.8	71
142	Committing memory errors with high confidence: Older adults do but children don't. Memory, 2009, 17, 169-179.	0.9	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.	0.6	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.	0.7	68
146	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , 2016, 134, 597-606.	2.1	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.	5.8	67
148	Cognition in the Berlin Aging Study (BASE): The First 10 Years. <i>Aging, Neuropsychology, and Cognition</i> , 2004, 11, 104-133.	0.7	66
149	Interactive brains, social minds. <i>Communicative and Integrative Biology</i> , 2011, 4, 655-663.	0.6	66
150	The dynamics of change in striatal activity following updating training. <i>Human Brain Mapping</i> , 2013, 34, 1530-1541.	1.9	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.	1.0	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.	1.4	64
153	A Scaffold for Efficiency in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 17150-17159.	1.7	64
154	Age differences in brain signal variability are robust to multiple vascular controls. <i>Scientific Reports</i> , 2017, 7, 10149.	1.6	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.	1.6	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.	1.4	62
157	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. <i>Brain</i> , 2013, 136, 1778-1782.	3.7	60
158	The Role of Time in the Quest for Understanding Psychological Mechanisms. <i>Multivariate Behavioral Research</i> , 2018, 53, 782-805.	1.8	60
159	Lifespan differences in cortical dynamics of auditory perception. <i>Developmental Science</i> , 2009, 12, 839-853.	1.3	59
160	"Unfocus" on foc.us: commercial tDCS headset impairs working memory. <i>Experimental Brain Research</i> , 2016, 234, 637-643.	0.7	59
161	Ageing-related magnification of genetic effects on cognitive and brain integrity. <i>Trends in Cognitive Sciences</i> , 2015, 19, 506-514.	4.0	58
162	Structural Brain Correlates of Loneliness among Older Adults. <i>Scientific Reports</i> , 2019, 9, 13569.	1.6	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.	1.5	56
164	Thalamocortical excitability modulation guides human perception under uncertainty. <i>Nature Communications</i> , 2021, 12, 2430.	5.8	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.	1.1	55
166	Theory-guided exploration with structural equation model forests.. <i>Psychological Methods</i> , 2016, 21, 566-582.	2.7	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.	1.4	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.	0.7	54
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