

# Ulman Lindenberger

## List of Articles by Year in descending order

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Version: 2025-02-01

418

PR articles

35,296

PR citations

2012

95

PR h-index

3315

181

g-index

471

documents

44106

doc citations

1937

104

h-index

44310

citing authors

#	ARTICLE	IF	CITATIONS
1	There Are Multiple Clocks That Time Us: Cross-Sectional and Longitudinal Associations Among 14 Alternative Indicators of Age and Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2025, 80, .	3.5	4
2	Single-neuron spiking variability in hippocampus dynamically tracks sensory content during memory formation in humans. <i>Nature Communications</i> , 2025, 16, .	13.7	7
3	Aging-related losses in dopamine D2/3 receptor availability are linked to working-memory decline across five years. <i>Cerebral Cortex</i> , 2025, 35, .	2.8	3
4	Associations between inflammation and striatal dopamine D2-receptor availability in aging. <i>Journal of Neuroinflammation</i> , 2025, 22, .	9.0	4
5	Verbal Fluency Selectively Predicts Survival in Old and Very Old Age. <i>Psychological Science</i> , 2025, 36, 87-101.	3.7	2
6	Reliability of structural brain change in cognitively healthy adult samples. , 2025, 3, .		9
7	Task-Switch Related Reductions in Neural Distinctiveness in Children and Adults: Commonalities and Differences. <i>Journal of Neuroscience</i> , 2025, 45, e2358232025.	3.7	0
8	Intensive task-switching training and single-task training differentially affect behavioral and neural manifestations of cognitive control in children. <i>Cerebral Cortex</i> , 2025, 35, .	2.8	2
9	Developmental Changes in Brain Cellular Membrane and Energy Metabolism: A Multi-occasion <sup>31</sup> P Magnetic Resonance Spectroscopy Study. <i>Journal of Neuroscience</i> , 2025, 45, e2222242025.	3.7	2
10	Polygenic Associations With Educational Attainment in East Versus West Germany: Differences Emerge After Reunification. <i>Psychological Science</i> , 2025, 36, 559-573.	3.7	2
11	Cerebral small-vessel disease severity, hypertension, and body mass index forecast striatal dopamine D2-receptor decline rates in aging. <i>Neurobiology of Aging</i> , 2025, 156, 30-39.	3.4	1
12	Grey-matter structure in cortical and limbic regions correlates with general cognitive ability in old age. <i>Aging Brain</i> , 2024, 5, 100103.	2.0	1
13	Working memory and fluid intelligence are differentially related to categories of urban fabric in older adults: Results from the Berlin aging study. <i>Journal of Environmental Psychology</i> , 2024, 93, 102224.	5.8	1
14	Longitudinal support for the correlative triad among aging, dopamine D2-like receptor loss, and memory decline. <i>Neurobiology of Aging</i> , 2024, 136, 125-132.	3.4	11
15	Longitudinal stability of cortical grey matter measures varies across brain regions, imaging metrics, and testing sites in the ABCD study. , 2024, 2, .		3
16	Age differences in generalization, memory specificity, and their overnight fate in childhood. <i>Child Development</i> , 2024, 95, e270-e286.	3.5	3
17	The influence of hippocampal dopamine D2 receptor losses on episodic-memory decline across 5 years is moderated by BDNF and KIBRA polymorphisms. <i>Cortex</i> , 2024, 176, 53-61.	2.9	1
18	Deficits in memory metacognitive efficiency in late adulthood are related to distinct brain profile. <i>Memory</i> , 2024, 32, 1286-1302.	1.8	3

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19	Cognitive flexibility across the lifespan: developmental differences in the neural basis of sustained and transient control processes during task switching. <i>Current Opinion in Behavioral Sciences</i> , 2024, 58, 101395.	2.9	16
20	Hyper-brain hyper-frequency network topology dynamics when playing guitar in quartet. <i>Frontiers in Human Neuroscience</i> , 2024, 18, .	2.3	4
21	Optimal two-time point longitudinal models for estimating individual-level change: Asymptotic insights and practical implications. <i>Developmental Cognitive Neuroscience</i> , 2024, 70, 101450.	4.0	8
22	Brain change trajectories in healthy adults correlate with Alzheimer's related genetic variation and memory decline across life. <i>Nature Communications</i> , 2024, 15, .	13.7	11
23	Broad-scale dampening of uncertainty adjustment in the aging brain. <i>Nature Communications</i> , 2024, 15, .	13.7	1
24	Individual differences in brain aging: heterogeneity in cortico-hippocampal but not caudate atrophy rates. <i>Cerebral Cortex</i> , 2023, 33, 5075-5081.	2.8	28
25	Today's Older Adults Are Cognitively Fitter Than Older Adults Were 20 Years Ago, but When and How They Decline Is No Different Than in the Past. <i>Psychological Science</i> , 2023, 34, 22-34.	3.7	21
26	Aerobic exercise is associated with region-specific changes in volumetric, tensor-based, and fiber-based measures of white matter integrity in healthy older adults. <i>NeuroImage Reports</i> , 2023, 3, 100155.	1.4	2
27	Does prefrontal connectivity during task switching help or hinder children's performance?. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101217.	4.0	9
28	Too easy, too hard, or just right: Lifespan age differences and gender effects on task difficulty choices. <i>International Journal of Behavioral Development</i> , 2023, 47, 253-264.	2.9	4
29	Intra- and interbrain synchrony and hyperbrain network dynamics of a guitarist quartet and its audience during a concert. <i>Annals of the New York Academy of Sciences</i> , 2023, 1523, 74-90.	4.0	17
30	Lifestyle-related risk factors and their cumulative associations with hippocampal and total grey matter volume across the adult lifespan: A pooled analysis in the European Lifebrain consortium. <i>Brain Research Bulletin</i> , 2023, 200, 110692.	3.4	13
31	No moderating influence of education on the association between changes in hippocampus volume and memory performance in aging. <i>Aging Brain</i> , 2023, 4, 100082.	2.0	11
32	Evaluating deep transfer learning for whole-brain cognitive decoding. <i>Journal of the Franklin Institute</i> , 2023, 360, 9754-9787.	3.4	8
33	The integrity of dopaminergic and noradrenergic brain regions is associated with different aspects of late-life memory performance. <i>Nature Aging</i> , 2023, 3, 1128-1143.	14.5	45
34	Resting-state functional connectivity in an auditory network differs between aspiring professional and amateur musicians and correlates with performance. <i>Brain Structure and Function</i> , 2023, 228, 2147-2163.	2.5	7
35	Dynamics in interbrain synchronization while playing a piano duet. <i>Annals of the New York Academy of Sciences</i> , 2023, 1530, 124-137.	4.0	9
36	Sociohistorical Change in Urban Older Adults' Perceived Speed of Time and Time Pressure. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 457-466.	2.8	2

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37	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.	2.8	68
38	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.	4.0	23
39	Subjective age and attitudes toward own aging across two decades of historical time.. <i>Psychology and Aging</i> , 2022, 37, 413-429.	1.6	23
40	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.	2.8	7
41	Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. <i>Aging Brain</i> , 2022, 2, 100027.	2.0	13
42	Out of Rhythm: Compromised Precision of Theta-Gamma Coupling Impairs Associative Memory in Old Age. <i>Journal of Neuroscience</i> , 2022, 42, 1752-1764.	3.7	29
43	A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. <i>Science Advances</i> , 2022, 8, .	10.9	63
44	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, .	4.0	6
45	Reliability of quantitative multiparameter maps is high for magnetization transfer and proton density but attenuated for R1 and R2* in healthy young adults. <i>Human Brain Mapping</i> , 2022, 43, 3585-3603.	3.5	10
46	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. <i>NeuroImage</i> , 2022, 251, 119022.	4.4	14
47	Genetic associations with learning over 100 days of practice. <i>Npj Science of Learning</i> , 2022, 7, .	2.0	2
48	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	2.3	10
49	Longitudinal Dopamine D2 Receptor Changes and Cerebrovascular Health in Aging. <i>Neurology</i> , 2022, 99, .	1.0	35
50	Linking Brain Age Gap to Mental and Physical Health in the Berlin Aging Study II. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	4.0	34
51	5â€¢Year Associations among Cerebral Arterial Pulsatility, Perivascular Space Dilation, and White Matter Lesions. <i>Annals of Neurology</i> , 2022, 92, 871-881.	6.6	35
52	Brain aging differs with cognitive ability regardless of education. <i>Scientific Reports</i> , 2022, 12, .	3.4	24
53	Associations of depression and regional brain structure across the adult lifespan: Pooled analyses of six population-based and two clinical cohort studies in the European Lifebrain consortium. <i>NeuroImage: Clinical</i> , 2022, 36, 103180.	3.3	12
54	Using blood test parameters to define biological age among older adults: association with morbidity and mortality independent of chronological age validated in two separate birth cohorts. <i>GeroScience</i> , 2022, 44, 2685-2699.	4.6	26

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55	The individuality paradigm: Automated longitudinal activity tracking of large cohorts of genetically identical mice in an enriched environment. <i>Neurobiology of Disease</i> , 2022, 175, 105916.	5.1	25
56	Epigenome-Wide Association Study in Peripheral Tissues Highlights DNA Methylation Profiles Associated with Episodic Memory Performance in Humans. <i>Biomedicine</i> , 2022, 10, 2798.	3.4	10
57	Longitudinal stability in working memory and frontal activity in relation to general brain maintenance. <i>Scientific Reports</i> , 2022, 12, .	3.4	13
58	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.	2.8	26
59	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. <i>Cerebral Cortex Communications</i> , 2021, 2, .	1.4	15
60	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.	4.7	40
61	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, .	13.7	133
62	Self-reported sleep relates to microstructural hippocampal decline in Aβ-amyloid positive Adults beyond genetic risk. <i>Sleep</i> , 2021, 44, .	0.9	9
63	Assessing Music Expertise. <i>Music Perception</i> , 2021, 38, 406-421.	1.2	5
64	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. <i>Neurobiology of Aging</i> , 2021, 100, 72-82.	3.4	55
65	Thalamocortical excitability modulation guides human perception under uncertainty. <i>Nature Communications</i> , 2021, 12, .	13.7	95
66	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.	4.0	31
67	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	41
68	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.	2.8	32
69	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.	3.4	10
70	Interactive brains, social minds: Neural and physiological mechanisms of interpersonal action coordination. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 661-677.	6.9	43
71	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.	8.8	19
72	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.	2.8	35

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73	Fronto-striatal dopamine D2 receptor availability is associated with cognitive variability in older individuals with low dopamine integrity. <i>Scientific Reports</i> , 2021, 11, .	3.4	3
74	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.	4.4	6
75	Balance between Transmitter Availability and Dopamine D2 Receptors in Prefrontal Cortex Influences Memory Functioning. <i>Cerebral Cortex</i> , 2020, 30, 989-1000.	2.8	32
76	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 2465-2477.	2.8	16
77	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020, 43, .	0.9	78
78	On the use of growth models to study normal cognitive aging. <i>International Journal of Behavioral Development</i> , 2020, 44, 88-96.	2.9	35
79	Longitudinal association between hippocampus atrophy and episodic memory decline in non-demented APOE $\epsilon 4$ carriers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, .	2.5	19
80	Human skill learning: expansion, exploration, selection, and refinement. <i>Current Opinion in Behavioral Sciences</i> , 2020, 36, 163-168.	2.9	31
81	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.	10.8	919
82	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.	2.5	25
83	Higher performers upregulate brain signal variability in response to more feature-rich visual input. <i>NeuroImage</i> , 2020, 217, 116836.	4.4	46
84	Childhood socio-economic disadvantage predicts reduced myelin growth across adolescence and young adulthood. <i>Human Brain Mapping</i> , 2020, 41, 3392-3402.	3.5	44
85	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	29
86	Dehydration predicts longitudinal decline in cognitive functioning and well-being among older adults. <i>Psychology and Aging</i> , 2020, 35, 517-528.	1.6	23
87	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, .	3.4	3
88	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	4
89	Lifespan Changes in Network Structure and Network Topology Dynamics During Rest and Auditory Oddball Performance. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, .	4.0	10
90	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 439-449.	2.5	47

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91	The Influence of Hippocampal Dopamine D2 Receptors on Episodic Memory Is Modulated by <i>BDNF</i> and <i>KIBRA</i> Polymorphisms. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1422-1429.	2.2	5
92	Cardiovascular factors are related to dopamine integrity and cognition in aging. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2291-2303.	3.8	23
93	Mapping the landscape of human dopamine D2/3 receptors with [ <sup>11</sup> C]raclopride. <i>Brain Structure and Function</i> , 2019, 224, 2871-2882.	2.5	37
94	Rostral locus coeruleus integrity is associated with better memory performance in older adults. <i>Nature Human Behaviour</i> , 2019, 3, 1203-1214.	9.1	200
95	Structural Brain Correlates of Loneliness among Older Adults. <i>Scientific Reports</i> , 2019, 9, .	3.4	96
96	Identifying predictors of within-person variance in MRI-based brain volume estimates. <i>NeuroImage</i> , 2019, 200, 575-589.	4.4	48
97	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019, 22, 992-999.	17.0	111
98	Hyper-Frequency Network Topology Changes During Choral Singing. <i>Frontiers in Physiology</i> , 2019, 10, .	2.8	22
99	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.	3.5	29
100	Influence of nutritional tyrosine on cognition and functional connectivity in healthy old humans. <i>NeuroImage</i> , 2019, 193, 139-145.	4.4	25
101	Reply to "Mechanisms underlying resilience in ageing". <i>Nature Reviews Neuroscience</i> , 2019, 20, 247-247.	20.8	15
102	Dynamic Orchestration of Brains and Instruments During Free Guitar Improvisation. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, .	2.4	31
103	Brain Plasticity in Human Lifespan Development: The Exploration-Selection-Refinement Model. <i>Annual Review of Developmental Psychology</i> , 2019, 1, 197-222.	3.2	75
104	Dopamine D <sub>2/3</sub> Binding Potential Modulates Neural Signatures of Working Memory in a Load-Dependent Fashion. <i>Journal of Neuroscience</i> , 2019, 39, 537-547.	3.7	48
105	<i>C957T</i> -mediated Variation in Ligand Affinity Affects the Association between <sup>11</sup> C-raclopride Binding Potential and Cognition. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 314-325.	2.2	16
106	Coupled cognitive changes in adulthood: A meta-analysis.. <i>Psychological Bulletin</i> , 2019, 145, 273-301.	6.7	167
107	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	17
108	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	36

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109	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. <i>NeuroSignals</i> , 2019, 27, 12-24.	1.7	37
110	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.	2.7	16
111	Age Differences in Day-To-Day Speed-Accuracy Tradeoffs: Results from the COGITO Study. <i>Multivariate Behavioral Research</i> , 2018, 53, 842-852.	3.0	6
112	Hyperbrain network properties of guitarists playing in quartet. <i>Annals of the New York Academy of Sciences</i> , 2018, 1423, 198-210.	4.0	57
113	Latent-Profile Analysis Reveals Behavioral and Brain Correlates of Dopamine-Cognition Associations. <i>Cerebral Cortex</i> , 2018, 28, 3894-3907.	2.8	43
114	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. <i>Human Brain Mapping</i> , 2018, 39, 916-931.	3.5	51
115	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 99-117.	4.0	421
116	The Role of Time in the Quest for Understanding Psychological Mechanisms. <i>Multivariate Behavioral Research</i> , 2018, 53, 782-805.	3.0	87
117	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.	2.3	13
118	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, .	13.7	632
119	Neurocognitive Profiles of Older Adults with Working-Memory Dysfunction. <i>Cerebral Cortex</i> , 2018, , .	2.8	30
120	Complex networks emerging during choir singing. <i>Annals of the New York Academy of Sciences</i> , 2018, 1431, 85-101.	4.0	32
121	Precision, Reliability, and Effect Size of Slope Variance in Latent Growth Curve Models: Implications for Statistical Power Analysis. <i>Frontiers in Psychology</i> , 2018, 9, .	2.2	57
122	An Adult Developmental Approach to Perceived Facial Attractiveness and Distinctiveness. <i>Frontiers in Psychology</i> , 2018, 9, .	2.2	41
123	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.	4.4	37
124	Local temporal variability reflects functional integration in the human brain. <i>NeuroImage</i> , 2018, 183, 776-787.	4.4	75
125	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.	2.3	32
126	Cognitive Reappraisal and Expressive Suppression of Negative Emotion in Combat-Related Posttraumatic Stress Disorder: A Functional MRI Study. <i>Cognitive Therapy and Research</i> , 2018, 43, 236-246.	1.5	22

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127	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.	1.0	6
128	Psychological and neural correlates of embitterment in old age.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2018, 10, 51-57.	1.7	17
129	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. <i>Cerebral Cortex</i> , 2017, , bhw141.	2.8	59
130	Genetic influences on phase synchrony of brain oscillations supporting response inhibition. <i>International Journal of Psychophysiology</i> , 2017, 115, 125-132.	1.1	10
131	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.	4.4	117
132	Military deployment correlates with smaller prefrontal gray matter volume and psychological symptoms in a subclinical population. <i>Translational Psychiatry</i> , 2017, 7, e1031-e1031.	5.2	21
133	Neural activation patterns during retrieval of schema-related memories: differences and commonalities between children and adults. <i>Developmental Science</i> , 2017, 20, .	2.8	45
134	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, .	13.7	163
135	In search of features that constitute an "enriched environment" in humans: Associations between geographical properties and brain structure. <i>Scientific Reports</i> , 2017, 7, .	3.4	112
136	Age differences in brain signal variability are robust to multiple vascular controls. <i>Scientific Reports</i> , 2017, 7, .	3.4	77
137	Hippocampal maturity promotes memory distinctiveness in childhood and adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9212-9217.	7.5	115
138	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. <i>Psychological Science</i> , 2017, 28, 1419-1431.	3.7	93
139	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, .	2.2	7
140	Exercise-Induced Fitness Changes Correlate with Changes in Neural Specificity in Older Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, .	2.3	27
141	Hyper-Transcranial Alternating Current Stimulation: Experimental Manipulation of Inter-Brain Synchrony. <i>Frontiers in Human Neuroscience</i> , 2017, 11, .	2.3	33
142	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. <i>BMC Neuroscience</i> , 2017, 18, .	2.1	39
143	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. <i>Psychological Research</i> , 2017, 83, 1097-1106.	1.5	59
144	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	14

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145	Brain synchronization during perception of facial emotional expressions with natural and unnatural dynamics. <i>PLoS ONE</i> , 2017, 12, e0181225.	2.3	9
146	Structure and Topology Dynamics of Hyper-Frequency Networks during Rest and Auditory Oddball Performance. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, .	2.0	20
147	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, .	2.2	18
148	Neural activation patterns of successful episodic encoding: Reorganization during childhood, maintenance in old age. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 59-69.	4.0	42
149	Theory-guided exploration with structural equation model forests.. <i>Psychological Methods</i> , 2016, 21, 566-582.	4.5	66
150	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , 2016, 134, 597-606.	4.4	78
151	Knowledge Acquisition during Exam Preparation Improves Memory and Modulates Memory Formation. <i>Journal of Neuroscience</i> , 2016, 36, 8103-8111.	3.7	44
152	Differences in navigation performance and postpartal striatal volume associated with pregnancy in humans. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 400-407.	1.7	17
153	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.	7.5	154
154	BOLD Variability is Related to Dopaminergic Neurotransmission and Cognitive Aging. <i>Cerebral Cortex</i> , 2016, 26, 2074-2083.	2.8	108
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