

Shu-Chen Li

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

13,128
citations

25034

57
h-index

26613

107
g-index

190
all docs

190
docs citations

190
times ranked

13866
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging cognition: from neuromodulation to representation. Trends in Cognitive Sciences, 2001, 5, 479-486.	7.8	786
2	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. Neuroscience and Biobehavioral Reviews, 2006, 30, 791-807.	6.1	648
3	Transformations in the Couplings Among Intellectual Abilities and Constituent Cognitive Processes Across the Life Span. Psychological Science, 2004, 15, 155-163.	3.3	586
4	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
5	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
6	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
7	Brains swinging in concert: cortical phase synchronization while playing guitar. BMC Neuroscience, 2009, 10, 22.	1.9	306
8	Working memory plasticity in old age: Practice gain, transfer, and maintenance.. Psychology and Aging, 2008, 23, 731-742.	1.6	304
9	Neural underpinnings of within-person variability in cognitive functioning.. Psychology and Aging, 2009, 24, 792-808.	1.6	296
10	Human aging magnifies genetic effects on executive functioning and working memory. Frontiers in Human Neuroscience, 2008, 2, 1.	2.0	292
11	Biocultural orchestration of developmental plasticity across levels: The interplay of biology and culture in shaping the mind and behavior across the life span.. Psychological Bulletin, 2003, 129, 171-194.	6.1	258
12	Episodic memory across the lifespan: The contributions of associative and strategic components. Neuroscience and Biobehavioral Reviews, 2010, 34, 1080-1091.	6.1	251
13	Intraindividual variability in positive and negative affect over 45 days: Do older adults fluctuate less than young adults?. Psychology and Aging, 2009, 24, 863-878.	1.6	230
14	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. Nature, 2013, 504, 432-436.	27.8	230
15	Cohort Profile: The Berlin Aging Study II (BASE-II)â€. International Journal of Epidemiology, 2014, 43, 703-712.	1.9	213
16	Visual Search Across the Life Span.. Developmental Psychology, 2004, 40, 545-558.	1.6	204
17	Age-related decline in brain resources magnifies genetic effects on cognitive functioning. Frontiers in Neuroscience, 2008, 2, 234-244.	2.8	203
18	Integrative neurocomputational perspectives on cognitive aging, neuromodulation, and representation. Neuroscience and Biobehavioral Reviews, 2002, 26, 795-808.	6.1	199

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19	Genetic variation in dopaminergic neuromodulation influences the ability to rapidly and flexibly adapt decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17951-17956.	7.1	193
20	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
21	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
22	Neuromodulation of reward-based learning and decision making in human aging. <i>Annals of the New York Academy of Sciences</i> , 2011, 1235, 1-17.	3.8	181
23	Memory Maintenance and Inhibitory Control Differentiate from Early Childhood to Adolescence. <i>Developmental Neuropsychology</i> , 2010, 35, 679-697.	1.4	171
24	Memory plasticity across the life span: Uncovering children's latent potential.. <i>Developmental Psychology</i> , 2007, 43, 465-478.	1.6	161
25	Life Span Differences in Electrophysiological Correlates of Monitoring Gains and Losses during Probabilistic Reinforcement Learning. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 579-592.	2.3	156
26	Within-person trial-to-trial variability precedes and predicts cognitive decline in old and very old age: Longitudinal data from the Berlin Aging Study. <i>Neuropsychologia</i> , 2007, 45, 2827-2838.	1.6	144
27	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
28	Short-Term Fluctuations in Elderly People's Sensorimotor Functioning Predict Text and Spatial Memory Performance: The MacArthur Successful Aging Studies. <i>Gerontology</i> , 2001, 47, 100-116.	2.8	132
29	Neuromodulation and aging: implications of aging neuronal gain control on cognition. <i>Current Opinion in Neurobiology</i> , 2014, 29, 148-158.	4.2	130
30	Training-induced compensation versus magnification of individual differences in memory performance. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 141.	2.0	124
31	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	6.1	121
32	Forward and backward recall: Different retrieval processes.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1995, 21, 837-847.	0.9	111
33	Cortical thickness is linked to executive functioning in adulthood and aging. <i>Human Brain Mapping</i> , 2012, 33, 1607-1620.	3.6	110
34	Of goals and habits: age-related and individual differences in goal-directed decision-making. <i>Frontiers in Neuroscience</i> , 2013, 7, 253.	2.8	108
35	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. <i>Neuropsychologia</i> , 2007, 45, 1911-1920.	1.6	103
36	An electrophysiological study of response conflict processing across the lifespan: Assessing the roles of conflict monitoring, cue utilization, response anticipation, and response suppression. <i>Neuropsychologia</i> , 2010, 48, 3305-3316.	1.6	103

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37	Aging and Attenuated Processing Robustness. <i>Gerontology</i> , 2004, 50, 28-34.	2.8	98
38	Electrophysiological correlates of selective attention: A lifespan comparison. <i>BMC Neuroscience</i> , 2008, 9, 18.	1.9	97
39	Dopaminergic modulation of cognition across the life span. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 625-630.	6.1	94
40	Amphetamine modulates brain signal variability and working memory in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7593-7598.	7.1	94
41	Neuroeconomics and aging: Neuromodulation of economic decision making in old age. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 678-688.	6.1	89
42	The development of attentional networks: Cross-sectional findings from a life span sample.. <i>Developmental Psychology</i> , 2010, 46, 337-349.	1.6	88
43	Psychological Principles of Successful Aging Technologies: A Mini-Review. <i>Gerontology</i> , 2008, 54, 59-68.	2.8	86
44	Adult age differences in memory for name-face associations: The effects of intentional and incidental learning. <i>Memory</i> , 2009, 17, 220-232.	1.7	84
45	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
46	Unifying cognitive aging: From neuromodulation to representation to cognition. <i>Neurocomputing</i> , 2000, 32-33, 879-890.	5.9	81
47	A neurocomputational model of stochastic resonance and aging. <i>Neurocomputing</i> , 2006, 69, 1553-1560.	5.9	81
48	Interference and facilitation in spatial working memory: Age-associated differences in lure effects in the n-back paradigm.. <i>Psychology and Aging</i> , 2009, 24, 203-210.	1.6	80
49	Aging Neuromodulation Impairs Associative Binding. <i>Psychological Science</i> , 2005, 16, 445-450.	3.3	78
50	Lower theta inter-trial phase coherence during performance monitoring is related to higher reaction time variability: A lifespan study. <i>NeuroImage</i> , 2013, 83, 912-920.	4.2	74
51	Committing memory errors with high confidence: Older adults do but children don't. <i>Memory</i> , 2009, 17, 169-179.	1.7	70
52	Age differences in learning emerge from an insufficient representation of uncertainty in older adults. <i>Nature Communications</i> , 2016, 7, 11609.	12.8	70
53	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation. , 2006, , 289-313.		69
54	Dopaminergic and cholinergic modulations of visual-spatial attention and working memory: Insights from molecular genetic research and implications for adult cognitive development.. <i>Developmental Psychology</i> , 2012, 48, 875-889.	1.6	69

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55	KIBRA and CLSTN2 polymorphisms exert interactive effects on human episodic memory. <i>Neuropsychologia</i> , 2010, 48, 402-408.	1.6	68
56	Memory for serial order revisited.. <i>Psychological Review</i> , 1994, 101, 539-543.	3.8	66
57	A Scaffold for Efficiency in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 17150-17159.	3.6	64
58	Toward an Alternative Representation for Disentangling Age-Associated Differences in General and Specific Cognitive Abilities.. <i>Psychology and Aging</i> , 2004, 19, 40-56.	1.6	63
59	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. <i>Brain</i> , 2013, 136, 1778-1782.	7.6	60
60	Connecting the Many Levels and Facets of Cognitive Aging. <i>Current Directions in Psychological Science</i> , 2002, 11, 38-43.	5.3	59
61	From good senses to good sense: A link between tactile information processing and intelligence. <i>Intelligence</i> , 1998, 26, 99-122.	3.0	55
62	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
63	Sustained Multifocal Attentional Enhancement of Stimulus Processing in Early Visual Areas Predicts Tracking Performance. <i>Journal of Neuroscience</i> , 2013, 33, 5346-5351.	3.6	55
64	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
65	Human aging compromises attentional control of auditory perception.. <i>Psychology and Aging</i> , 2012, 27, 99-105.	1.6	54
66	Intralist distractors and recall direction: Constraints on models of memory for serial order.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1993, 19, 895-908.	0.9	53
67	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
68	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
69	Neural foundations of risk“return trade-off in investment decisions. <i>NeuroImage</i> , 2010, 49, 2556-2563.	4.2	51
70	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
71	MicroRNA-138 is a potential regulator of memory performance in humans. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 501.	2.0	49
72	Sensorimotor synchronization across the life span. <i>International Journal of Behavioral Development</i> , 2006, 30, 280-287.	2.4	46

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73	Human aging alters the neural computation and representation of space. <i>NeuroImage</i> , 2015, 117, 141-150.	4.2	46
74	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
75	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
76	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
77	Electrophysiological Correlates of Adult Age Differences in Attentional Control of Auditory Processing. <i>Cerebral Cortex</i> , 2014, 24, 249-260.	2.9	39
78	Dopamine Modulates the Efficiency of Sensory Evidence Accumulation During Perceptual Decision Making. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 649-655.	2.1	39
79	Aging and KIBRA/WWC1 genotype affect spatial memory processes in a virtual navigation task. <i>Hippocampus</i> , 2013, 23, 919-930.	1.9	38
80	The Aging of the Social Mind - Differential Effects on Components of Social Understanding. <i>Scientific Reports</i> , 2017, 7, 11046.	3.3	38
81	Age Is Not Necessarily Aging: Another Step towards Understanding the "Clocks" That Time Aging. <i>Gerontology</i> , 2002, 48, 5-12.	2.8	37
82	Normal Aging Delays and Compromises Early Multifocal Visual Attention during Object Tracking. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 188-202.	2.3	36
83	Age-related prefrontal impairments implicate deficient prediction of future reward in older adults. <i>Neurobiology of Aging</i> , 2015, 36, 2380-2390.	3.1	36
84	Activating Developmental Reserve Capacity Via Cognitive Training or Non-invasive Brain Stimulation: Potentials for Promoting Fronto-Parietal and Hippocampal-Striatal Network Functions in Old Age. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 33.	3.4	36
85	Dopaminergic Gene Polymorphisms Affect Long-term Forgetting in Old Age: Further Support for the Magnification Hypothesis. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 571-579.	2.3	35
86	Normative shifts of cortical mechanisms of encoding contribute to adult age differences in visual spatial working memory. <i>NeuroImage</i> , 2013, 73, 167-175.	4.2	35
87	The system's neurophysiological basis for how methylphenidate modulates perceptual attentional conflicts during auditory processing. <i>Human Brain Mapping</i> , 2018, 39, 5050-5061.	3.6	35
88	Genome-wide significant association of ANKRD55rs6859219 and multiple sclerosis risk. <i>Journal of Medical Genetics</i> , 2013, 50, 140-143.	3.2	34
89	Reward speeds up and increases consistency of visual selective attention: a lifespan comparison. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 659-671.	2.0	34
90	Performance monitoring across the lifespan: Still maturing post-conflict regulation in children and declining task-set monitoring in older adults. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 105-123.	6.1	34

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91	Catastrophic interference in neural networks. , 1995, , 329-361.		33
92	Closing the case of APOE in multiple sclerosis: no association with disease risk in over 29,000 subjects: Figure 1. Journal of Medical Genetics, 2012, 49, 558-562.	3.2	31
93	COMT polymorphism and memory dedifferentiation in old age.. Psychology and Aging, 2014, 29, 374-383.	1.6	31
94	Persistent Effects of Antenatal Synthetic Glucocorticoids on Endocrine Stress Reactivity From Childhood to Adolescence. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 827-834.	3.6	31
95	Neuromodulation and developmental contextual influences on neural and cognitive plasticity across the lifespan. Neuroscience and Biobehavioral Reviews, 2013, 37, 2201-2208.	6.1	30
96	Dyadic drumming across the lifespan reveals a zone of proximal development in children.. Developmental Psychology, 2011, 47, 632-644.	1.6	29
97	Dopamine and glutamate receptor genes interactively influence episodic memory in old age. Neurobiology of Aging, 2014, 35, 1213.e3-1213.e8.	3.1	28
98	Dopamine modulation of spatial navigation memory in Parkinson's disease. Neurobiology of Aging, 2016, 38, 93-103.	3.1	28
99	Aging of the brain, sensorimotor, and cognitive processes. Neuroscience and Biobehavioral Reviews, 2002, 26, 729-732.	6.1	27
100	Electrophysiological correlates reflect the integration of model-based and model-free decision information. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 406-421.	2.0	27
101	Long-term impacts of prenatal synthetic glucocorticoids exposure on functional brain correlates of cognitive monitoring in adolescence. Scientific Reports, 2018, 8, 7715.	3.3	27
102	Perception of clusters in statistical maps. Applied Cognitive Psychology, 1993, 7, 533-551.	1.6	26
103	Effects of aging and dopamine genotypes on the emergence of explicit memory during sequence learning. Neuropsychologia, 2013, 51, 2757-2769.	1.6	26
104	Noisy galvanic vestibular stimulation modulates spatial memory in young healthy adults. Scientific Reports, 2019, 9, 9310.	3.3	26
105	Using parameter sensitivity and interdependence to predict model scope and falsifiability.. Journal of Experimental Psychology: General, 1996, 125, 360-369.	2.1	25
106	Risk contagion by peers affects learning and decision-making in adolescents.. Journal of Experimental Psychology: General, 2019, 148, 1494-1504.	2.1	25
107	Dopamine modulates attentional control of auditory perception: DARPP-32 (PPP1R1B) genotype effects on behavior and cortical evoked potentials. Neuropsychologia, 2013, 51, 1649-1661.	1.6	23
108	Higher intraindividual variability is associated with more forgetting and dedifferentiated memory functions in old age. Neuropsychologia, 2011, 49, 1879-1888.	1.6	22

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109	Coconstructed functionality instead of functional normality. Behavioral and Brain Sciences, 2002, 25, 761-762.	0.7	21
110	Independent replication of STAT3 association with multiple sclerosis risk in a large German caseâ€“control sample. Neurogenetics, 2012, 13, 83-86.	1.4	21
111	Advances in Lifespan Psychology: A Focus on Biocultural and Personal Influences. Research in Human Development, 2005, 2, 1-23.	1.3	18
112	The Center for Lifespan Psychology at the Max Planck Institute for Human Development: Overview of conceptual agenda and illustration of research activities. International Journal of Psychology, 2007, 42, 229-242.	2.8	18
113	Repetitive transcranial magnetic stimulation over dorsolateral prefrontal cortex modulates value-based learning during sequential decision-making. Neurolmage, 2018, 167, 384-395.	4.2	18
114	Sequential inference as a mode of cognition and its correlates in fronto-parietal and hippocampal brain regions. PLoS Computational Biology, 2017, 13, e1005418.	3.2	18
115	Common Neural Correlates of Intertemporal Choices and Intelligence in Adolescents. Journal of Cognitive Neuroscience, 2015, 27, 387-399.	2.3	16
116	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation Review and Preview. , 2006, , 289-313.		15
117	Neuromodulation of behavioral and cognitive development across the life span.. Developmental Psychology, 2012, 48, 810-814.	1.6	15
118	Developmental differences in the neural dynamics of observational learning. Neuropsychologia, 2018, 119, 12-23.	1.6	15
119	Comparing Effects of Reward Anticipation on Working Memory in Younger and Older Adults. Frontiers in Psychology, 2018, 9, 2318.	2.1	14
120	Effects of a Multi-Session Cognitive Training Combined With Brain Stimulation (TrainStim-Cog) on Age-Associated Cognitive Decline â€“ Study Protocol for a Randomized Controlled Phase IIb (Monocenter) Trial. Frontiers in Aging Neuroscience, 2019, 11, 200.	3.4	14
121	Perceptual Quality Assessment of Compressed Vibrotactile Signals Through Comparative Judgment. IEEE Transactions on Haptics, 2021, 14, 291-296.	2.7	14
122	The roles of stimulus and response set size in the identification and categorisation of unidimensional stimuli. Australian Journal of Psychology, 1998, 50, 165-174.	2.8	13
123	Development of attentional control of verbal auditory perception from middle to late childhood: Comparisons to healthy aging.. Developmental Psychology, 2013, 49, 1982-1993.	1.6	13
124	Electrophysiological correlates of observational learning in children. Developmental Science, 2016, 19, 699-709.	2.4	13
125	Cognitive training and brain stimulation in prodromal Alzheimerâ€™s disease (AD-Stim)â€“study protocol for a double-blind randomized controlled phase IIb (monocenter) trial. Alzheimer's Research and Therapy, 2020, 12, 142.	6.2	13
126	Randomized trial of cognitive training and brain stimulation in nonâ€“demented older adults. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12262.	3.7	13

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127	Lateral prefrontal anodal transcranial direct current stimulation augments resolution of auditory perceptual-attentional conflicts. <i>NeuroImage</i> , 2019, 199, 217-227.	4.2	12
128	Diminished pre-stimulus alpha-lateralization suggests compromised self-initiated attentional control of auditory processing in old age. <i>NeuroImage</i> , 2019, 197, 414-424.	4.2	12
129	Effects of PPP1R1B (DARPP-32) Polymorphism on Feedback-Related Brain Potentials Across the Life Span. <i>Frontiers in Psychology</i> , 2013, 4, 89.	2.1	11
130	Age Differences in the Neural Mechanisms of Intertemporal Choice Under Subjective Decision Conflict. <i>Cerebral Cortex</i> , 2018, 28, 3764-3774.	2.9	11
131	Effects of aging on encoding of walking direction in the human brain. <i>Neuropsychologia</i> , 2020, 141, 107379.	1.6	11
132	Incentive motivation improves numerosity discrimination: Insights from pupillometry combined with drift-diffusion modelling. <i>Scientific Reports</i> , 2020, 10, 2608.	3.3	10
133	Perception-action integration in young age—A cross-sectional EEG study. <i>Developmental Cognitive Neuroscience</i> , 2021, 50, 100977.	4.0	10
134	Biocultural Co-Construction of Lifespan Development. , 2006, , 40-58.		9
135	Perceptual identification across the life span: a dissociation of early gains and late losses. <i>Psychological Research</i> , 2009, 73, 114-122.	1.7	9
136	Maturation- and aging-related differences in electrophysiological correlates of error detection and error awareness. <i>Neuropsychologia</i> , 2020, 143, 107476.	1.6	9
137	Functional Effects of Bilateral Dorsolateral Prefrontal Cortex Modulation During Sequential Decision-Making: A Functional Near-Infrared Spectroscopy Study With Offline Transcranial Direct Current Stimulation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 605190.	2.0	9
138	Differential prioritization of intramaze cue and boundary information during spatial navigation across the human lifespan. <i>Scientific Reports</i> , 2021, 11, 15257.	3.3	9
139	5 Dopaminergic Modulation of Cognition in Human Aging. , 2009, , 71-92.		9
140	Aging and Neuroeconomics: Insights from Research on Neuromodulation of Reward-based Decision Making. <i>Analyse Und Kritik</i> , 2007, 29, 97-111.	0.7	8
141	Brain in macro experiential context: biocultural co-construction of lifespan neurocognitive development. <i>Progress in Brain Research</i> , 2009, 178, 17-29.	1.4	8
142	Cultural neuroscience and global mental health: addressing grand challenges. <i>Culture and Brain</i> , 2017, 5, 4-13.	0.5	8
143	Neurophysiology of embedded response plans: age effects in action execution but not in feature integration from preadolescence to adulthood. <i>Journal of Neurophysiology</i> , 2021, 125, 1382-1395.	1.8	8
144	The ageing of the social mind: replicating the preservation of socio-affective and the decline of socio-cognitive processes in old age. <i>Royal Society Open Science</i> , 2021, 8, 210641.	2.4	8

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145	Healing Hands: The Tactile Internet in Future Tele-Healthcare. <i>Sensors</i> , 2022, 22, 1404.	3.8	8
146	Aging and a genetic KIBRA polymorphism interactively affect feedback- and observation-based probabilistic classification learning. <i>Neurobiology of Aging</i> , 2018, 61, 36-43.	3.1	7
147	Human perception and neurocognitive development across the lifespan. , 2021, , 199-221.		7
148	Tactile Internet with Human-in-the-Loop: New frontiers of transdisciplinary research. , 2021, , 1-19.		7
149	Advances in Lifespan Psychology: A Focus on Biocultural and Personal Influences. <i>Research in Human Development</i> , 2005, 2, 1-23.	1.3	7
150	Frontiers of Transdisciplinary Research in Tactile Internet with Human-in-the-Loop. , 2021, , .		7
151	Age differences in processing fluctuations in postural control across trials and across days.. <i>Psychology and Aging</i> , 2011, 26, 731-737.	1.6	6
152	Complementary approaches to the study of decision making across the adult life span. <i>Frontiers in Neuroscience</i> , 2013, 7, 243.	2.8	6
153	Investigating adult age differences in real-life empathy, prosociality, and well-being using experience sampling. <i>Scientific Reports</i> , 2022, 12, 3450.	3.3	6
154	Cultural neuroscience and the research domain criteria: Implications for global mental health. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 109-119.	6.1	5
155	Effects and mechanisms of information saliency in enhancing value-based decision-making in younger and older adults. <i>Neurobiology of Aging</i> , 2021, 99, 86-98.	3.1	5
156	Cognitive Developmental Research from Lifespan Perspectives: The Challenge of Integration. , 2006, , 344-363.		5
157	Neurocomputational Perspectives Linking Neuromodulation, Processing Noise, Representational Distinctiveness, and Cognitive Aging. , 2004, , 354-380.		5
158	Associations of delay discounting and drinking trajectories from ages 14 to 22. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 667-681.	2.4	5
159	Interactive effects of dopamine transporter genotype and aging on resting-state functional networks. <i>PLoS ONE</i> , 2019, 14, e0215849.	2.5	4
160	No Association of Antenatal Synthetic Glucocorticoid Exposure and Hair Steroid Levels in Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e575-e582.	3.6	4
161	Human aging alters social inference about others's™ changing intentions. <i>Neurobiology of Aging</i> , 2021, 103, 98-108.	3.1	4
162	Neural evidence for age-related deficits in the representation of state spaces. <i>Cerebral Cortex</i> , 2023, 33, 1768-1781.	2.9	4

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163	Research on Intelligence in German-Speaking Countries. , 2004, , 135-169.		3
164	Feature-based attention is constrained to attended locations in older adults. Journal of Vision, 2018, 18, 306.	0.3	3
165	No long-term effects of antenatal synthetic glucocorticoid exposure on epigenetic regulation of stress-related genes. Translational Psychiatry, 2022, 12, 62.	4.8	3
166	Brain is also a Dependent Variable: Biocultural Coconstruction of Developmental Plasticity Across the Life Span. Research in Human Development, 2008, 5, 80-93.	1.3	2
167	Lifespan development of neuromodulation of adaptive control and motivation as an ontogenetic mechanism for developmental niche construction. Developmental Science, 2013, 16, 317-319.	2.4	2
168	Neurocognitive development of novelty and error monitoring in children and adolescents. Scientific Reports, 2021, 11, 19844.	3.3	2
169	Reward modulates the association between sensory noise and brain activity during perceptual decision-making. Neuropsychologia, 2020, 149, 107675.	1.6	2
170	Automated Quality Assessment for Compressed Vibrotactile Signals Using Multi-Method Assessment Fusion. , 2022, , .		2
171	Anodal transcranial direct current stimulation enhances the efficiency of functional brain network communication during auditory attentional control. Journal of Neurophysiology, 2020, 124, 207-217.	1.8	1
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