

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	Neural evidence for age-related deficits in the representation of state spaces. <i>Cerebral Cortex</i> , 2023, 33, 1768-1781.	2.9	4
2	Randomized trial of cognitive training and brain stimulation in non-demented older adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12262.	3.7	13
3	No long-term effects of antenatal synthetic glucocorticoid exposure on epigenetic regulation of stress-related genes. <i>Translational Psychiatry</i> , 2022, 12, 62.	4.8	3
4	Healing Hands: The Tactile Internet in Future Tele-Healthcare. <i>Sensors</i> , 2022, 22, 1404.	3.8	8
5	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
6	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
7	Automated Quality Assessment for Compressed Vibrotactile Signals Using Multi-Method Assessment Fusion. , 2022, , .		2
8	Incentive motivation improves numerosity discrimination in children and adolescents. <i>Scientific Reports</i> , 2022, 12, .	3.3	0
9	Older adults process the probability of winning sooner but weigh it less during lottery decisions. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
10	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
11	Human perception and neurocognitive development across the lifespan. , 2021, , 199-221.		7
12	Tactile Internet with Human-in-the-Loop: New frontiers of transdisciplinary research. , 2021, , 1-19.		7
13	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
14	Perceptual Quality Assessment of Compressed Vibrotactile Signals Through Comparative Judgment. <i>IEEE Transactions on Haptics</i> , 2021, 14, 291-296.	2.7	14
15	Human aging alters social inference about others'™ changing intentions. <i>Neurobiology of Aging</i> , 2021, 103, 98-108.	3.1	4
16	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
17	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
18	Perception-action integration in young age"™ A cross-sectional EEG study. <i>Developmental Cognitive Neuroscience</i> , 2021, 50, 100977.	4.0	10

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19	Frontiers of Transdisciplinary Research in Tactile Internet with Human-in-the-Loop. , 2021, , .		7
20	Neurocognitive development of novelty and error monitoring in children and adolescents. Scientific Reports, 2021, 11, 19844.	3.3	2
21	Associations Between Binocular Depth Perception and Performance Gains in Laparoscopic Skill Acquisition. Frontiers in Human Neuroscience, 2021, 15, 675700.	2.0	0
22	No Association of Antenatal Synthetic Glucocorticoid Exposure and Hair Steroid Levels in Children and Adolescents. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e575-e582.	3.6	4
23	Cognitive training and brain stimulation in prodromal Alzheimer's disease (AD-Stim) study protocol for a double-blind randomized controlled phase IIb (monocenter) trial. Alzheimer's Research and Therapy, 2020, 12, 142.	6.2	13
24	Cultural neuroscience and the research domain criteria: Implications for global mental health. Neuroscience and Biobehavioral Reviews, 2020, 116, 109-119.	6.1	5
25	Maturation- and aging-related differences in electrophysiological correlates of error detection and error awareness. Neuropsychologia, 2020, 143, 107476.	1.6	9
26	Incentive motivation improves numerosity discrimination: Insights from pupillometry combined with drift-diffusion modelling. Scientific Reports, 2020, 10, 2608.	3.3	10
27	Effects of aging on encoding of walking direction in the human brain. Neuropsychologia, 2020, 141, 107379.	1.6	11
28	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
29	Functional Effects of Bilateral Dorsolateral Prefrontal Cortex Modulation During Sequential Decision-Making: A Functional Near-Infrared Spectroscopy Study With Offline Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2020, 14, 605190.	2.0	9
30	Reward modulates the association between sensory noise and brain activity during perceptual decision-making. Neuropsychologia, 2020, 149, 107675.	1.6	2
31	Noisy galvanic vestibular stimulation modulates spatial memory in young healthy adults. Scientific Reports, 2019, 9, 9310.	3.3	26
32	Effects of a Multi-Session Cognitive Training Combined With Brain Stimulation (TrainStim-Cog) on Age-Associated Cognitive Decline Study Protocol for a Randomized Controlled Phase IIb (Monocenter) Trial. Frontiers in Aging Neuroscience, 2019, 11, 200.	3.4	14
33	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
34	Lateral prefrontal anodal transcranial direct current stimulation augments resolution of auditory perceptual-attentional conflicts. NeuroImage, 2019, 199, 217-227.	4.2	12
35	Interactive effects of dopamine transporter genotype and aging on resting-state functional networks. PLoS ONE, 2019, 14, e0215849.	2.5	4
36	Diminished pre-stimulus alpha-lateralization suggests compromised self-initiated attentional control of auditory processing in old age. NeuroImage, 2019, 197, 414-424.	4.2	12

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37	Risk contagion by peers affects learning and decision-making in adolescents.. Journal of Experimental Psychology: General, 2019, 148, 1494-1504.	2.1	25
38	Developmental Trajectories of Sensorimotor and Cognitive Control in Gilles de la Tourette Syndrome. Zeitschrift für Neuropsychologie = Journal of Neuropsychology, 2019, 30, 231-237.	0.6	0
39	Dopamine Modulates the Efficiency of Sensory Evidence Accumulation During Perceptual Decision Making. International Journal of Neuropsychopharmacology, 2018, 21, 649-655.	2.1	39
40	Age Differences in the Neural Mechanisms of Intertemporal Choice Under Subjective Decision Conflict. Cerebral Cortex, 2018, 28, 3764-3774.	2.9	11
41	Aging and a genetic KIBRA polymorphism interactively affect feedback- and observation-based probabilistic classification learning. Neurobiology of Aging, 2018, 61, 36-43.	3.1	7
42	Repetitive transcranial magnetic stimulation over dorsolateral prefrontal cortex modulates value-based learning during sequential decision-making. NeuroImage, 2018, 167, 384-395.	4.2	18
43	Comparing Effects of Reward Anticipation on Working Memory in Younger and Older Adults. Frontiers in Psychology, 2018, 9, 2318.	2.1	14
44	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
45	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
46	Developmental differences in the neural dynamics of observational learning. Neuropsychologia, 2018, 119, 12-23.	1.6	15
47	The system's neurophysiological basis for how methylphenidate modulates perceptual "attentional conflicts during auditory processing. Human Brain Mapping, 2018, 39, 5050-5061.	3.6	35
48	Feature-based attention is constrained to attended locations in older adults. Journal of Vision, 2018, 18, 306.	0.3	3
49	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
50	The Aging of the Social Mind - Differential Effects on Components of Social Understanding. Scientific Reports, 2017, 7, 11046.	3.3	38
51	Cultural neuroscience and global mental health: addressing grand challenges. Culture and Brain, 2017, 5, 4-13.	0.5	8
52	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. Frontiers in Aging Neuroscience, 2017, 9, 33.	3.4	36
53	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
54	Cognitive and Brain Plasticity in Old Age. , 2017, , 500-508.		0

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55	Electrophysiological correlates of observational learning in children. <i>Developmental Science</i> , 2016, 19, 699-709.	2.4	13
56	Age differences in learning emerge from an insufficient representation of uncertainty in older adults. <i>Nature Communications</i> , 2016, 7, 11609.	12.8	70
57	Dopamine modulation of spatial navigation memory in Parkinson's disease. <i>Neurobiology of Aging</i> , 2016, 38, 93-103.	3.1	28
58	Cognitive and Brain Plasticity in Old Age. , 2016, , 1-9.		0
59	Human aging alters the neural computation and representation of space. <i>NeuroImage</i> , 2015, 117, 141-150.	4.2	46
60	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
61	Intelligence: Central Conceptions and Psychometric Models. , 2015, , 290-296.		0
62	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
63	Common Neural Correlates of Intertemporal Choices and Intelligence in Adolescents. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 387-399.	2.3	16
64	Cognitive and Brain Plasticity in Old Age. , 2015, , 1-9.		0
65	Aging Mind: Facets and Levels of Analysis. , 2015, , 428-434.		0
66	MicroRNA-138 is a potential regulator of memory performance in humans. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 501.	2.0	49
67	Neuromodulation and aging: implications of aging neuronal gain control on cognition. <i>Current Opinion in Neurobiology</i> , 2014, 29, 148-158.	4.2	130
68	COMT polymorphism and memory dedifferentiation in old age.. <i>Psychology and Aging</i> , 2014, 29, 374-383.	1.6	31
69	Cohort Profile: The Berlin Aging Study II (BASE-II). <i>International Journal of Epidemiology</i> , 2014, 43, 703-712.	1.9	213
70	Electrophysiological Correlates of Adult Age Differences in Attentional Control of Auditory Processing. <i>Cerebral Cortex</i> , 2014, 24, 249-260.	2.9	39
71	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
72	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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73	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
74	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
75	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
76	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013, 504, 432-436.	27.8	230
77	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
78	Aging and KIBRA/WWC1 genotype affect spatial memory processes in a virtual navigation task. <i>Hippocampus</i> , 2013, 23, 919-930.	1.9	38
79	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. <i>Brain</i> , 2013, 136, 1778-1782.	7.6	60
80	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
81	Neuromodulation and developmental contextual influences on neural and cognitive plasticity across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2201-2208.	6.1	30
82	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
83	Effects of aging and dopamine genotypes on the emergence of explicit memory during sequence learning. <i>Neuropsychologia</i> , 2013, 51, 2757-2769.	1.6	26
84	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
85	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
86	Genome-wide significant association of ANKRD5 rs6859219 and multiple sclerosis risk. <i>Journal of Medical Genetics</i> , 2013, 50, 140-143.	3.2	34
87	A Scaffold for Efficiency in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 17150-17159.	3.6	64
88	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
89	Lifespan development of neuromodulation of adaptive control and motivation as an ontogenetic mechanism for developmental niche construction. <i>Developmental Science</i> , 2013, 16, 317-319.	2.4	2
90	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

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91	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
92	Complementary approaches to the study of decision making across the adult life span. <i>Frontiers in Neuroscience</i> , 2013, 7, 243.	2.8	6
93	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
94	Human aging compromises attentional control of auditory perception.. <i>Psychology and Aging</i> , 2012, 27, 99-105.	1.6	54
95	Neuromodulation of behavioral and cognitive development across the life span.. <i>Developmental Psychology</i> , 2012, 48, 810-814.	1.6	15
96	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
97	A voxel selection method for the multivariate analysis of imaging genetics data. , 2012, , .		0
98	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
99	Training-induced compensation versus magnification of individual differences in memory performance. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 141.	2.0	124
100	Cortical thickness is linked to executive functioning in adulthood and aging. <i>Human Brain Mapping</i> , 2012, 33, 1607-1620.	3.6	110
101	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
102	Dyadic drumming across the lifespan reveals a zone of proximal development in children.. <i>Developmental Psychology</i> , 2011, 47, 632-644.	1.6	29
103	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
104	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
105	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
106	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
107	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
108	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

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109	The development of attentional networks: Cross-sectional findings from a life span sample.. <i>Developmental Psychology</i> , 2010, 46, 337-349.	1.6	88
110	Neuroeconomics and aging: Neuromodulation of economic decision making in old age. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 678-688.	6.1	89
111	KIBRA and CLSTN2 polymorphisms exert interactive effects on human episodic memory. <i>Neuropsychologia</i> , 2010, 48, 402-408.	1.6	68
112	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
113	Dopaminergic modulation of cognition across the life span. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 625-630.	6.1	94
114	Episodic memory across the lifespan: The contributions of associative and strategic components. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1080-1091.	6.1	251
115	Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 670-677.	6.1	339
116	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
117	Memory Maintenance and Inhibitory Control Differentiate from Early Childhood to Adolescence. <i>Developmental Neuropsychology</i> , 2010, 35, 679-697.	1.4	171
118	Neural foundations of risk“return trade-off in investment decisions. <i>NeuroImage</i> , 2010, 49, 2556-2563.	4.2	51
119	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
120	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
121	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
122	Brains swinging in concert: cortical phase synchronization while playing guitar. <i>BMC Neuroscience</i> , 2009, 10, 22.	1.9	306
123	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
124	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
125	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
126	Committing memory errors with high confidence: Older adults do but children don't. <i>Memory</i> , 2009, 17, 169-179.	1.7	70

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127	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
128	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
129	Intraindividual variability in positive and negative affect over 45 days: Do older adults fluctuate less than young adults?. <i>Psychology and Aging</i> , 2009, 24, 863-878.	1.6	230
130	Neural underpinnings of within-person variability in cognitive functioning.. <i>Psychology and Aging</i> , 2009, 24, 792-808.	1.6	296
131	5 Dopaminergic Modulation of Cognition in Human Aging. , 2009, , 71-92.		9
132	Working memory plasticity in old age: Practice gain, transfer, and maintenance.. <i>Psychology and Aging</i> , 2008, 23, 731-742.	1.6	304
133	Electrophysiological correlates of selective attention: A lifespan comparison. <i>BMC Neuroscience</i> , 2008, 9, 18.	1.9	97
134	Psychological Principles of Successful Aging Technologies: A Mini-Review. <i>Gerontology</i> , 2008, 54, 59-68.	2.8	86
135	Brain is also a Dependent Variable: Biocultural Coconstruction of Developmental Plasticity Across the Life Span. <i>Research in Human Development</i> , 2008, 5, 80-93.	1.3	2
136	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
137	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
138	Age-related decline in brain resources magnifies genetic effects on cognitive functioning. <i>Frontiers in Neuroscience</i> , 2008, 2, 234-244.	2.8	203
139	Human aging magnifies genetic effects on executive functioning and working memory. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 1.	2.0	292
140	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
141	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
142	Memory plasticity across the life span: Uncovering children's latent potential.. <i>Developmental Psychology</i> , 2007, 43, 465-478.	1.6	161
143	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
144	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

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145	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.	3.0	485
146	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation <i>Review and Preview.</i> , 2006, , 289-313.		15
147	Selection, Optimization, and Compensation as Developmental Mechanisms of Adaptive Resource Allocation. , 2006, , 289-313.		69
148	Biocultural Co-Construction of Lifespan Development. , 2006, , 40-58.		9
149	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 791-807.	6.1	648
150	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	6.1	121
151	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
152	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
153	A neurocomputational model of stochastic resonance and aging. <i>Neurocomputing</i> , 2006, 69, 1553-1560.	5.9	81
154	Sensorimotor synchronization across the life span. <i>International Journal of Behavioral Development</i> , 2006, 30, 280-287.	2.4	46
155	Cognitive Developmental Research from Lifespan Perspectives: The Challenge of Integration. , 2006, , 344-363.		5
156	Ageing deficit in neuromodulation of representational distinctiveness and conjunctive binding <i>Computational explorations of possible links.</i> , 2006, , 291-312.		1
157	Advances in Lifespan Psychology: A Focus on Biocultural and Personal Influences. <i>Research in Human Development</i> , 2005, 2, 1-23.	1.3	18
158	Aging Neuromodulation Impairs Associative Binding. <i>Psychological Science</i> , 2005, 16, 445-450.	3.3	78
159	Advances in Lifespan Psychology: A Focus on Biocultural and Personal Influences. <i>Research in Human Development</i> , 2005, 2, 1-23.	1.3	7
160	Research on Intelligence in German-Speaking Countries. , 2004, , 135-169.		3
161	Transformations in the Couplings Among Intellectual Abilities and Constituent Cognitive Processes Across the Life Span. <i>Psychological Science</i> , 2004, 15, 155-163.	3.3	586
162	Aging and Attenuated Processing Robustness. <i>Gerontology</i> , 2004, 50, 28-34.	2.8	98

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163	Visual Search Across the Life Span.. <i>Developmental Psychology</i> , 2004, 40, 545-558.	1.6	204
164	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
165	Neurocomputational Perspectives Linking Neuromodulation, Processing Noise, Representational Distinctiveness, and Cognitive Aging. , 2004, , 354-380.		5
166	Biocultural orchestration of developmental plasticity across levels: The interplay of biology and culture in shaping the mind and behavior across the life span.. <i>Psychological Bulletin</i> , 2003, 129, 171-194.	6.1	258
167	Connecting the Many Levels and Facets of Cognitive Aging. <i>Current Directions in Psychological Science</i> , 2002, 11, 38-43.	5.3	59
168	Coconstructed functionality instead of functional normality. <i>Behavioral and Brain Sciences</i> , 2002, 25, 761-762.	0.7	21
169	Age Is Not Necessarily Aging: Another Step towards Understanding the "Clocks" That Time Aging. <i>Gerontology</i> , 2002, 48, 5-12.	2.8	37
170	Ageing of the brain, sensorimotor, and cognitive processes. <i>Neuroscience and Biobehavioral Reviews</i> , 2002, 26, 729-732.	6.1	27
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