

COGNITIVE DECLINE & LANGUAGE: CUMULATIVE REFERENCES

认知退变及语言：参考文献汇编

Publication: Cumulative Index by Type-Name

文献：类型-名称序列综合索引

1956-2020 (303)

[Newspaper](#) [Pamphlet](#) [Report](#) [Website](#) [Magazine](#) [Book edited](#) [Book](#) [Journal](#)
(ordered by number of titles in each type)

Newspaper (by name of newspapers)

Newspaper Name	Article Title	Citation
<i>New York Times</i>	Benefits of failing at French	(Alexander. 2014)

Pamphlet (by name of publishers)

Publisher Name	Pamphlet Title	Citation
Hong Kong: Institute of Chinese Medicine, Chinese University of Hong. Kong.	Asian way of exercises Yoga & Qigong— for the health of body & mind (8 pages)	(Leung, Ping-Chung 梁秉中. 2014)

Report (by name of publishers)

Publisher Name	Report Title	Citation
Washington, DC.: National Academies Press.	<i>Critical Perspectives on Racial and Ethnic Differences in Health in Late Life</i>	(National Research Council, Division of Behavioral and Social Sciences et al. 2004)

Website (by name of publishers)

Website Name	Program Title	Citation
US POINTER Alzheimer's Association (https://alz.org/us-pointer/overview.asp)	U.S. Study to protect brain health through lifestyle intervention to reduce risk (US POINTER).	(Alzheimer's Association & Wake Forest University Health Sciences. 2018-2023)

Magazine (by name of magazines)

Magazine Name	Article Title	Citation
<i>Scientific American</i>	Brain-boosting power of video games.	(Bavelier & Green. 2016)
<i>Scientific American</i>	Why we sleep: The reasons that we sleep are gradually becoming less enigmatic.	(Siegel. 2003)

Edited Book (by name of publishers)

Publisher Name	Title of Edited Book	Citation
Psychology Press (New York)	<i>Handbook of Aging and Cognition</i> . (3rd. ed.)	(Craik & Salthouse. 2015)
Oxford University Press (Oxford)	<i>Cognitive Neuroscience of Aging: Linking Cognitive and Cerebral Aging</i> (1st ed.)	(Cabeza et al. 2004/2009)
Oxford University Press (Oxford)	<i>Cognitive Neuroscience of Aging: Linking Cognitive and Cerebral Aging</i> (2nd ed.)	(Cabeza et al. 2016)

Book (by name of publishers)

Publisher Name	Book Title	Citation
Fourth Estate (London)	<i>Aging with Grace: The Nun Study and the Science of Old Age</i>	(Snowdon. 2001)
Roberts & Company (Greenwood Village, Colo.)	<i>Memory: From Mind to Molecules</i> . (2nd ed.)	(Squire & Kandel. 2009)
Simon & Schuster Audio (New York)	<i>Why We Sleep: Unlocking the Power of Sleep and Dreams</i> (audio book)	(Walker. 2017)
Thorsons (London); Atria Books (New York)	<i>Lifespan: The Revolutionary Science of Why We Age--and Why We Don't Have To</i>	(Sinclair et al. 2019)

Journal (by name of journals then-by citation)

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Journal Name	Article Title	Citation
A <i>cademic Emergency Medicine</i>	Four sensitive screening tools to detect cognitive dysfunction in geriatric emergency department patients: Brief Alzheimer’s Screen, Short Blessed Test, Ottawa 3DY, and the caregiver-completed AD8	(Carpenter et al. 2011)
<i>Aging</i>	Cognitive compensatory mechanisms in normal aging: A study on verbal fluency and the contribution of other cognitive functions	(Gonzalez-Burgos et al. 2019)
<i>Aging and Cognition</i>	Nam Academic Emergency Medicine ng ability across the adult life span	(Au et al. 1995)
<i>Aging, Neuropsychology, and Cognition</i>	Semantic degradation and lexical access in age-related naming failures	(Barresi et al. 2000)
<i>Alzheimer Disease and Associated Disorders</i>	Derivation of a new ADAS-cog composite using tree-based multivariate analysis prediction of conversion from mild cognitive impairment to Alzheimer disease	(Llano et al. 2011)
<i>Alzheimer’s & Dementia</i>	Improving dementia care: The role of screening and detection of cognitive impairment	(Borson et al. 2013)

Journal Name	Article Title	Citation
<i>Alzheimer's & Dementia</i>	Prevalence of dementia in urban and rural areas of China	(Jia et al. 2014)
<i>American Journal of Human Biology</i>	Aging brain: The cognitive reserve hypothesis and hominid evolution	(Allen et al. 2005b)
<i>American Journal of Human Biology</i>	Age-related cognitive deficits mediated by changes in the striatal dopamine system	(Bäckman et al. 2000)
<i>American Journal of Human Biology</i>	Quantitative volumetric analysis of brain MR: Normative database spanning 5 decades of life.	(Blatter et al. 1995)
<i>Annals of Physical and Rehabilitation Medicine</i>	Transcranial direct current stimulation in post-stroke Aphasia rehabilitation: A systematic review	(Biou et al. 2019)
<i>Annals of the New York Academy of Sciences</i>	Fruit polyphenolics and brain aging nutritional interventions: Targeting age-related neuronal and behavioral deficits	(Galli et al. 2002)
<i>Annals of the New York Academy of Sciences</i>	Quantitative EEG and electromagnetic brain imaging in aging and in the evolution of dementia	(Prichep. 2007)
<i>Annual Review of Applied Linguistics</i>	Formulaic language and language disorders	(Van Lancker Sidtis. 2012)
<i>Annual Review of Psychology</i>	Adaptive brain: Aging and neurocognitive scaffolding	(Park & Reuter-Lorenz. 2009)
<i>Aphasiology</i>	Formulaic language in Alzheimer's disease	(Bridges & Van Lancker Sidtis. 2013)
<i>Aphasiology</i>	How selective are selective word class deficits? Two case studies of action and object naming	(Jonkers & Roelien. 1998)
<i>Aphasiology</i>	Patterns of dissociation in comprehension and production of nouns and verbs	(Miceli et al. 1988)
<i>Applied Neuropsychology</i>	Verb naming in normal aging	(Ramsay et al. 1999)
<i>Archives of Neurology</i>	White matter structural integrity in healthy aging adults and patients with Alzheimer disease: A magnetic resonance imaging study	(Bartzokis et al. 2003)
<i>Archives of Neurology</i>	Sex differences in brain aging: A quantitative magnetic resonance imaging study	(Coffey et al. 1998)
B <i>ehavioral and Brain Sciences</i>	Integrative Memory model of recollection and familiarity to understand memory deficits	(Bastin et al. 2019)
<i>Behavioral and Brain Sciences</i>	Now-or-Never Bottleneck: A Fundamental Constraint on Language	(Christiansen & Chater. 2016)
<i>Behavioral Neuroscience</i>	Impact of healthy aging on awareness and fear conditioning	(LaBar et al. 2004)
<i>Behavioural Neurology</i>	Effects of transcranial Direct Current Stimulation on the cognitive functions in older adults with mild cognitive impairment: A pilot study	(Cruz Gonzalez. 2018)

Journal Name	Article Title	Citation
<i>Biochemical Pharmacology</i>	Microglial dysfunction in brain aging and Alzheimer's disease	(Mosher & Wyss-Coray. 2014)
<i>Biochimica et Biophysica Acta</i>	Differential accumulations of 4,977 bp deletion in mitochondrial DNA of various tissues in human ageing	(Lee et al. 1994)
<i>BioEssays</i>	How might replicative senescence contribute to human ageing?	(Faragher & Kipling. 1998)
<i>Biological Psychology</i>	Age-related prefrontal over-recruitment in semantic memory retrieval: Evidence from successful face naming and the tip-of-the-tongue state	(Galdo-Alvarez et al. 2009)
<i>Biological Psychology</i>	Working memory in middle-aged males: Age-related brain activation changes and cognitive fatigue effects	(Klaaseen et al. 2013)
<i>BMC Public Health</i>	Prevalence of dementia in the People's Republic of China from 1985 to 2015: A systematic review and meta-regression analysis	(Zhu et al. 2019)
<i>Brain</i>	Language networks in semantic dementia	(Agosta et al. 2009)
<i>Brain</i>	Can physical exercise in old age improve memory and hippocampal function?	(Duzel et al. 2016)
<i>Brain</i>	Limbic-predominant age-related TDP-43 encephalopathy (LATE): Consensus working group report	(Nelson et al. 2019)
<i>Brain</i>	Left hemisphere specialization for language in the newborn: Neuroanatomical evidence of asymmetry	(Witelson & Pallie. 1973)
<i>Brain and Cognition</i>	Parietal lobe volume distinguishes attentional control in bilinguals and monolinguals: A structural MRI study	(Vaughn et al. 2019)
<i>Brain and Cognition</i>	Ability to process musical pitch is unrelated to the memory advantage for vocal music	(Weiss & Peretz. 2019)
<i>Brain and Language</i>	Verb retrieval in Aphasia. 1. Characterizing single word impairments	(Berndt et al. 1997a)
<i>Brain and Language</i>	Semantic factors in verb retrieval: An effect of complexity	(Breedin et al. 1998)
<i>Brain and Language</i>	Performance of normal elderly on the Boston Naming Test	(LaBarge et al. 1986)
<i>Brain and Language</i>	Normative data for the Boston Naming Test in native Dutch-speaking Belgian elderly	(Marien et al. 1998)
<i>Brain and Language</i>	Verb retrieval and sentence production in Aphasia	(Marshall et al. 1998)
<i>Brain and Language</i>	Cortical thickness of Broca's area and right homologue is related to grammar learning aptitude and pitch discrimination proficiency	(Novén et al. 2019)
<i>Brain and Language</i>	Retrieval of nouns and verbs in agrammatism and anomia	(Zingeser & Berndt. 1990)

Journal Name	Article Title	Citation
<i>Brain Research</i>	Modality-specificity of sensory aging in vision and audition: Evidence from event-related potentials	(Ceponiene et al. 2008)
<i>Brain Research</i>	Age-related differences in cognitive function using a global local hierarchical paradigm	(Georgiou-Karistianis et al. 2006)
<i>Brain Research</i>	Age-related differences in brain activity during verbal recency memory	(Rajah & McIntosh. 2008)
<i>Brain Research</i>	Age-related differences during simple working memory decisions: ERP indices of early recognition and compensation failure	(Tays et al. 2011)
C anadian Journal of Psychiatry	Aging and memory: A cognitive approach	(Luo & Craik. 2008)
<i>Cell Metabolism</i>	Stress-response hormesis and aging: "that which does not kill us makes us stronger"	(Gems & Patridge. 2008)
<i>Cerebral Cortex</i>	Task-independent and task-specific age effects on brain activity during working memory, visual attention and episodic retrieval	(Cabeza et al. 2004)
<i>Cerebral Cortex</i>	Que´ PASA? The Posterior--Anterior Shift in Aging	(Davis et al. 2008)
<i>Cerebral Cortex</i>	Age-related dendritic and spine changes in corticocortically projecting neurons in macaque monkeys	(Duan et al. 2003)
<i>Cerebral Cortex</i>	Regional brain changes in aging healthy adults: General trends, individual differences and modifiers	(Raz et al. 2005)
<i>Cerebral Cortex</i>	Preserving syntactic processing across the adult life span: The modulation of the frontotemporal language system in the context of age-related atrophy	(Tyler et al. 2010)
<i>Clinical Anatomy</i>	English translation of Alzheimer’s 1907 Paper, "Uber eine eigenartige Erkankung der Hirnrinde" [On an unusaul illness of the cerebral cortex]	(Alzheimer. 1995 [1907])
<i>Clinical Neurophysiology</i>	Complexity of functional connectivity networks in mild cognitive impairment subjects during a working memory task	(Ahmadlou et al. 2014)
<i>Clinical Neurophysiology</i>	Age-related changes across the primary and secondary somatosensory areas: An analysis of neuromagnetic oscillatory activities	(Hagiwara et al. 2013)
<i>Clinical Neurophysiology</i>	Age-related decrease in sensitivity to electrical stimulation is unrelated to skin conductance: An evoked potentials study	(Kemp et al. 2014)
<i>Cognition</i>	Science does not disengage	(Bialystok & Grundy. 2018)
<i>Cognition</i>	Cognitive influences in language evolution: Psycholinguistic predictors of loan word borrowing	(Monaghan & Roberts. 2019)

Journal Name	Article Title	Citation
<i>Cognitive Brain Research</i>	Temporal dynamics of age-related differences in auditory incidental verbal learning	(Aine et al. 2005)
<i>Cognitive Psychology</i>	Number skills are maintained in healthy ageing	(Cappelletti et al. 2014)
<i>Cognitive Psychology</i>	Language comprehension in old age	(Cohen. 1979)
<i>Cortex</i>	Verb retrieval and sentence processing: Dissociation of an established symptom association	(Berndt et al. 1997b)
<i>Cortex</i>	Naming errors in healthy aging and dementia of the Alzheimer type	(Bowles et al. 1987)
<i>Cortex</i>	On the basis for the agrammatics's difficulty in producing main verbs	(Miceli et al. 1984)
<i>Cortex</i>	Lexical retrieval in healthy aging	(Nicholas et al. 1985)
<i>Cortex</i>	Object and Action Naming in Alzheimer's disease	(Williamson et al. 1998)
<i>Current Alzheimer Research</i>	Trajectories of age-related cognitive decline and potential associated factors of cognitive function in senior citizens of Beijing	(Li et al. 2014)
<i>Current Alzheimer Research</i>	Connected speech deficit as an early hallmark of CSF-defined Alzheimer's disease and correlation with cerebral hypoperfusion pattern	(Mazzon et al. 2019)
<i>Current Directions in Psychological Science</i>	Aging, Memory, and Comprehension	(Radvansky. 1999)
<i>Current Opinion in Behavioral Sciences</i>	Video games, cognitive exercises, and the enhancement of cognitive abilities	(Anguera & Gazzaley. 2015)
D <i>Developmental Cognitive Neuroscience</i>	Topological organization of the human brain functional connectome across the lifespan	(Cao et al. 2014)
<i>Developmental Neuropsychology</i>	Neuropsychological characteristics of normal aging	(Ardilla & Rosselli. 1989)
E <i>volution</i>	Pleiotropy, natural selection, and the evolution of senescence	(Williams. 1957)
<i>Experimental Linguistics</i> 实验语言学	Dementia in the Chinese population and the potential of musical treatment	(Zou et al. 2017)
F <i>rontiers in Aging Neuroscience</i>	Age-related vulnerability in the neural systems supporting semantic processing	(Peelle et al. 2013)
<i>Frontiers in Communication</i>	Aging and Language: Maintenance of morphological representations in older adults	(Royle et al. 2019)
<i>Frontiers in Neurology</i>	Networks disrupted in linguistic variants of frontotemporal dementia	(Reyes et al. 2019)

Journal Name	Article Title	Citation
<i>Frontiers in Neuroscience</i>	Effects of second language learning on the plastic aging brain: Functional connectivity, cognitive decline, and reorganization	(Bubbico et al. 2019)
<i>Frontiers in Psychology</i>	Cognitive benefits from a musical activity in older adults	(Abraham et al. 2019)
<i>Frontiers in Psychology</i>	Does language dominance affect cognitive performance in bilinguals? Lifespan evidence from preschoolers through older adults on card sorting, Simon, and metalinguistic tasks	(Gathercole et al. 2014)
<i>Frontiers in Psychology</i>	Effects of aging and dual-task demands on the comprehension of less expected sentence continuations: Evidence from pupillometry	(Häuser et al. 2019)
<i>Frontiers in Psychology</i>	Aging mind and brain: Is implicit learning spared in healthy aging?	(Howard Jr. & Howard. 2013)
<i>Frontiers in Psychology</i>	What influences language impairment in bilingual aphasia? A meta-analytic review	(Kuzmina et al. 2019)
<i>Frontiers in Psychology</i>	Impairment of prospective memory in mild Alzheimer's disease: A ride in a virtual town	(Lecouvey et al. 2019)
<i>Frontiers in Psychology</i>	Effects of music learning and piano practice on cognitive function, mood and quality of life in older adults	(Seinfeld et al. 2013)
<i>Frontiers in Psychology</i>	Different features of bilingualism in relation to executive functioning	(Sörman et al. 2019)
<i>Frontiers in Psychology</i>	Efficiency of attentional networks in early and late bilinguals: The role of age of acquisition	(Tao et al. 2011)
<i>Frontiers in Psychology</i>	Effect of traditional Chinese mind-body exercise (Baduanjin) and brisk walking on the Dorsal Attention Network in older adults with mild cognitive impairment	(Xia et al. 2019)
H earing Journal	Interprofessional collaboration: How audiologists contribute to population health	(Nunez et al. 2019)
I nternational Journal of Audiology	Variation in semantic priming across age groups: An AERP study	(Mehta & Jerger. 2014)
<i>International Journal of Geriatric Psychiatry</i>	Using visual evoked potentials for the early detection of amnesic mild cognitive impairment: A pilot investigation	(Fix et al. 2015)
<i>International Journal of Modern Physics C: Computational Physics & Physical Computation</i>	Simulation for competition of languages with an ageing sexual population	(Schwämmle. 2005)
<i>International Journal of Modern Physics C:</i>	Phase transition in a sexual age-structured model of learning foreign languages	(Schwämmle. 2006)

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Journal Name	Article Title	Citation
<i>Computational Physics & Physical Computation</i>		
<i>International Journal of Psychiatry in Medicine</i>	Language impairment in dementia of the Alzheimer type: A hierarchical decline?	(Emery. 2000)
J <i>AMA Neurology</i>	APOE genotype and brain development	(Growdon & Hyman. 2014)
<i>JAMA Neurology</i>	Assessment of racial disparities in biomarkers for Alzheimer disease	(Morris et al. 2019)
<i>Jiaoyu Xinli Xuebao</i> 教育心理学报 (Bulletin of educational psychology)	Shenti huodong yu laonian danao gongneng: Gongneng xing cigongzhen zaoying de yanjiu huigu 身体活动与老年大脑功能: 功能性磁共振造影的研究回顾 (Physical Activity and the Aging Brain: A Review of Functional Magnetic Resonance Imaging Studies)	(Chen et al. 2018)
<i>Journal of Affective Disorders</i>	Increased brain entropy of resting-state fMRI mediates the relationship between depression severity and mental health-related quality of life in late-life depressed elderly	(Lin et al. 2019)
<i>Journal of Clinical and Experimental Neuropsychology</i>	Connected speech and language in mild cognitive impairment and Alzheimer's disease: A review of picture description tasks	(Mueller et al. 2018)
<i>Journal of Clinical Neuropsychology</i>	Normative observations on neuropsychological test performances in old age	(Benton et al. 1981)
<i>Journal of Cognitive Neuroscience</i>	Age-related differences in neural activity during item and temporal-order memory retrieval: A Positron Emission Tomography study	(Cabeza et al. 2000)
<i>Journal of Cognitive Neuroscience</i>	Span, CRUNCH, and beyond: Working memory capacity and the aging brain	(Schneider-Garces et al. 2010)
<i>Journal of Cross-Cultural Gerontology</i>	Shrinkage of the mental lexicon of Kanji in an elderly Japanese woman: The effect of a 10-year passage of time	(Takashima. 2010)
<i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i>	Cognitive control and lexical access in younger and older bilinguals	(Bialystok et al. 2008)
<i>Journal of Memory and Language</i>	On the tip of the tongue: What causes word finding failures in young and older adults?	(Burke et al. 1991)
<i>Journal of Memory and Language</i>	Impact of aging on the dynamics of memory retrieval: A time-course analysis	(Öztekin et al. 2012)
<i>Journal of Neurolinguistics</i>	Role of subcortical structures in recited speech: Studies in Parkinson's disease	(Bridges et al. 2013)
<i>Journal of Neurolinguistics</i>	Age-related changes in the processing of the metaphorical alternative meanings of words	(Monetta et al. 2007)
<i>Journal of Neuropsychiatry and Clinical Neurosciences</i>	Brain structural and amyloid correlates of recovery from semantic interference in cognitively normal	(Abulafia et al. 2019)

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Journal Name	Article Title	Citation
	individuals with or without family history of late-onset Alzheimer's disease	
<i>Journal of Neuroscience</i>	Age-related differences in neural activity during memory encoding and retrieval: A Positron Emission Tomography study	(Cabeza et al. 1997)
<i>Journal of Personality and Social Psychology</i>	Positive emotions in early life and longevity: Findings from the nun study	(Danner et al. 2001)
<i>Journal of Psychiatric Research</i>	Mini-Mental State: A practical method for grading the cognitive state of patients for the clinician	(Folstein et al. 1975)
<i>Journal of Speech, Language & Hearing Research</i>	Meta-analytic procedure shows an age-related decline in picture naming: Comments on Goulet, Ska	(Feyereisen. 1997)
<i>Journal of Speech, Language & Hearing Research</i>	Sources of age-related recognition difficulty for time-compressed speech	(Gordon-Salant & Fitzgibbons. 2001)
<i>Journal of Speech, Language & Hearing Research</i>	Stability and patterning of speech movement sequences in children and adults	(Smith & Goffman. 1998)
<i>Journal of Sport and Health Science</i>	Effects of Tai Chi exercise on cognitive function in older adults: A meta-analysis	(Wu et al. 2013)
<i>Journal of the American Geriatrics Society</i>	Meaning of cognitive impairment in the elderly	(Folstein et al. 1985)
<i>Journal of the History of Medicine and Allied Sciences</i>	Aristotle on the anatomy of the brain	(Clarke & Stannard. 1963)
<i>Journal of the International Neuropsychological Society</i>	Noun and verb retrieval in healthy aging	(MacKay et al. 2002)
<i>Journal of the International Neuropsychological Society</i>	What is cognitive reserve? Theory and research application of the reserve concept	(Stern. 2002)
<i>Journal of the Neurological Sciences</i>	Oxidative balance, homocysteine, and uric acid levels in older patients with late onset Alzheimer's disease or vascular dementia	(Cervellati et al. 2013)
<i>Journals of Gerontology</i>	Aging: A theory based on free radical and radiation chemistry	(Harman. 1956)
<i>Journals of Gerontology Series A: Biological Sciences and Medical Sciences</i>	Aerobic exercise training increases brain volume in aging humans	(Colcombe et al. 2006)
<i>Journals of Gerontology, Series B: Psychological Sciences and Social Sciences</i>	50 Years of cognitive aging theory	(Anderson & Craik. 2017)
<i>Journals of Gerontology, Series B: Psychological Sciences and Social Sciences</i>	Normative, community-based study of mini-mental state in elderly adults: The effect of age and educational level	(Ishizaki et al. 1998)
L <i>ancet</i>	G8 Dementia Research Summit—A starter for eight?	(Fox & Petersen. 2013)
<i>Lancet</i>	A 2 year multidomain intervention of diet, exercise, cognitive training, and vascular risk monitoring	(Ngandu et al. 2015)

Journal Name	Article Title	Citation
	versus control to prevent cognitive decline in at-risk elderly people (FINGER): A randomised controlled trial	
<i>Lancet Neurology</i>	Ageing brain	(Knight. 2009)
<i>Language and Cognitive Processes</i>	Production of complex syntax in normal ageing and Alzheimer's disease	(Bates et al. 1995)
<i>Laoling Kexue Yanjiu</i> 老龄科学研究 (Scientific research on aging)	Jiyu WOS (Web of Science) de laonian ren yuyanhua yanjiu keshihua fenxi 基于 WoS 的老年人语言老化研究可视化分析 2002—2016 年 Visualized Analysis of Deterioration in Older People's Language Abilities Based on WoS (2002—2016)	(Zhang. 2018)
M agnetic Resonance Imaging	Effects of age and sex on brain glutamate and other metabolites	(Chang et al. 2009)
<i>Mechanisms of Ageing and Development</i>	Life-long endurance exercise in humans: Circulating levels of inflammatory markers and leg muscle size	(Mikkelsen et al. 2013)
<i>Mechanisms of Ageing and Development</i>	Glia doctrine: Addressing the role of glial cells in healthy brain ageing	(Nagelhus et al. 2013)
N ature	Defects in trafficking bridge Parkinson's disease pathology and genetics	(Abeliovich & Gitler. 2016)
<i>Nature</i>	Video game training enhances cognitive control in older adults	(Anguera et al. 2013)
<i>Nature</i>	Road to restoring neural circuits for the treatment of Alzheimer's disease [a review]	(Canter et al. 2016)
<i>Nature</i>	Lexical organization of nouns and verbs in the brain	(Caramazza & Hillis. 1991)
<i>Nature</i>	Mammalian prions and their wider relevance in neurodegenerative diseases	(Collinge. 2016)
<i>Nature</i>	Function of dream sleep	(Crick & Mitchison. 1983)
<i>Nature</i>	Most people are not WEIRD	(Henrich et al. 2010)
<i>Nature</i>	Natural speech reveals the semantic maps that tile human cerebral cortex	(Huth et al. 2016)
<i>Nature</i>	NLRP3 inflammasome activation drives tau pathology	(Isling et al. 2019)
<i>Nature</i>	Gene regulation and DNA damage in the ageing human brain	(Lu et al. 2004)
<i>Nature</i>	REST and stress resistance in ageing and Alzheimer's disease	(Lu et al. 2014)

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Journal Name	Article Title	Citation
<i>Nature</i>	Single-cell transcriptomic analysis of Alzheimer's disease	(Mathys et al. 2019)
<i>Nature</i>	Pathways towards and away from Alzheimer's disease	(Mattson. 2004)
<i>Nature</i>	CD22 blockade restores homeostatic microglial phagocytosis in ageing brains	(Pluvinage et al. 2019)
<i>Nature</i>	Activities of amyloids from a structural perspective	(Riek & Eisenberg. 2016)
<i>Nature</i>	Decoding ALS: From genes to mechanism	(Taylor et al. 2016)
<i>Nature</i>	Ageing, neurodegeneration and brain rejuvenation	(Wyss-Coray. 2016)
<i>Nature</i>	Hypothalamic programming of systemic ageing involving IKK-b,NF-kB and GnRH	(Zhang et al. 2013)
<i>Nature Genetics</i>	Mitochondrial DNA deletions in human brain: Regional variability and increase with advanced age	(Corral-Debrinski et al. 1992)
<i>Nature Insight</i>	Neurodegenerative diseases	(Heemels. 2016)
<i>Nature Medicine</i>	Adult hippocampal neurogenesis is abundant in neurologically healthy subjects and drops sharply in patients with Alzheimer's disease	(Moreno-Jiménez et al. 2019)
<i>Nature Medicine</i>	Fresh look at adult neurogenesis	(Steiner et al. 2019)
<i>Nature Neuroscience</i>	Focus on neurodegenerative disease	(Editor. 2018)
<i>Nature Neuroscience</i>	Selective vulnerability in neurodegenerative diseases	(Fu et al. 2018)
<i>Nature Neuroscience</i>	Senescent glia spell trouble in Alzheimer's disease	(Holtzman & Ulrich. 2019)
<i>Nature Neuroscience</i>	TREM2 function impedes tau seeding in neuritic plaques	(Leyns et al. 2019)
<i>Nature Neuroscience</i>	Loss of TREM2 function increases amyloid seeding but reduces plaque-associated ApoE	(Parhizkar et al. 2019)
<i>Nature Neuroscience</i>	Reversing working memory decline in the elderly	(Quentin & Cohen. 2019)
<i>Nature Neuroscience</i>	Working memory revived in older adults by synchronizing rhythmic brain circuits	(Reinhart & Nguyen. 2019)
<i>Nature Neuroscience</i>	Astrocyte function from information processing to cognition and cognitive impairment	(Santello et al. 2019)
<i>Nature Neuroscience</i>	Human cognition involves the dynamic integration of neural activity and neuromodulatory systems	(Shine et al. 2019)
<i>Nature Neuroscience</i>	Senolytic therapy alleviates A β -associated oligodendrocyte progenitor cell senescence and cognitive deficits in an Alzheimer's disease model	(Zhang, P. et al. 2019)
<i>Nature Neuroscience</i>	Loss of function of NCOR1 and NCOR2 impairs memory through a novel GABAergic hypothalamus-CA3 projection	(Zhou, W. et al. 2019)

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Journal Name	Article Title	Citation
<i>Nature Reviews Genetics</i>	DNA methylation-based biomarkers and the epigenetic clock theory of ageing	(Horvath & Raj. 2018)
<i>Nature Reviews Neuroscience</i>	Maintenance, reserve and compensation: The cognitive neuroscience of healthy ageing	(Cabeza et al. 2018)
<i>Nature Reviews Neuroscience</i>	Insights into the ageing mind: A view from cognitive neuroscience	(Hedden & Gabrieli. 2004)
<i>Nature Reviews Neuroscience</i>	Neurocognitive perspective on language: The declarative/procedural model	(Ullman. 2001)
<i>Neurobiology of Aging</i>	Bilingualism protects anterior temporal lobe integrity in aging	(Abutalebi et al. 2014)
<i>Neurobiology of Aging</i>	Normal neuroanatomical variation due to age: The major lobes and a parcellation of the temporal region	(Allen et al. 2005a)
<i>Neurobiology of Aging</i>	Age-related deterioration of the representation of space in human auditory cortex	(Briley & Summerfield. 2014)
<i>Neurobiology of Aging</i>	Cerebral changes and disrupted gray matter cortical networks in asymptomatic older adults at risk for Alzheimer's disease	(Cantero et al. 2018)
<i>Neurobiology of Aging</i>	Cardiovascular risks and brain function: A functional magnetic resonance imaging study of executive function in older adults	(Chuang et al. 2014)
<i>Neurobiology of Aging</i>	Age-related differences in the neural correlates mediating false recollection	(Dennis et al. 2014)
<i>Neurobiology of Aging</i>	Anatomical and functional alterations in semantic dementia: A voxel-based MRI and PET study	(Desgranges et al. 2007)
<i>Neurobiology of Aging</i>	Cognitive decline is mediated by gray matter changes during middle-age	(Ferreira et al. 2014)
<i>Neurobiology of Aging</i>	Bridging the brain structure—brain function gap in prosodic speech processing in older adults	(Giroud et al. 2019)
<i>Neurobiology of Aging</i>	How age-related strategy switching deficits affect wayfinding in complex environments	(Harris & Wolbers. 2014)
<i>Neurobiology of Aging</i>	MtDNA content contributes to healthy aging in Chinese: A study from nonagenarians and centenarians	(He et al. 2014)
<i>Neurobiology of Aging</i>	Age-related differences in distraction and reorientation in an auditory task	(Horváth et al. 2009)
<i>Neurobiology of Aging</i>	Age-related glutamate and glutamine concentration changes in normal human brain: 1H MR spectroscopy study at 4 T	(Kaiser et al. 2005)
<i>Neurobiology of Aging</i>	Distribution of tangles, plaques and related immunohistochemical markers in healthy aging and Alzheimer's disease	(Price et al. 1991)
<i>Neurobiology of Aging</i>	Microvascular frontal-subcortical syndrome of aging	(Pugh & Lipsitz. 2002)

Journal Name	Article Title	Citation
<i>Neurobiology of Aging</i>	Abnormal vocal behavior predicts executive and memory deficits in Alzheimer's disease	(Ranasinghe et al. 2017)
<i>Neurobiology of Aging</i>	Consistent neuroanatomical age-related volume differences across multiple samples	(Walhovd et al. 2011)
<i>Neurobiology of Aging</i>	Age-related changes in word retrieval: Role of bilateral frontal and subcortical networks	(Wierenga et al. 2008)
<i>Neurobiology of Aging</i>	Executive dysfunction and gray matter atrophy in amnesic mild cognitive impairment	(Zheng et al. 2014)
<i>Neurobiology of Aging</i>	Language processing in age-related macular degeneration associated with unique functional connectivity signatures in the right hemisphere	(Zhuang et al. 2018)
<i>NeuroImage</i>	Age-related changes in prefrontal and hippocampal contributions to relational encoding	(Addis et al. 2014)
<i>NeuroImage</i>	Age-associated reduction of asymmetry in prefrontal function and preservation of conceptual repetition priming	(Bergerbest et al. 2009)
<i>NeuroImage</i>	Cognitive ability changes and dynamics of cortical thickness development in healthy children and adolescents	(Burgaleta et al. 2014)
<i>NeuroImage</i>	Age-related differences in white matter microstructure: Region-specific patterns of diffusivity	(Burzynska et al. 2010)
<i>NeuroImage</i>	Default-mode network activation underlies accurate contextual processing of exclusive disjunctions in older but not younger adults	(Chen et al. 2019)
<i>NeuroImage</i>	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity	(Chiarelli. 2017)
<i>NeuroImage</i>	Anatomical connectivity changes in the bilingual brain	(García-Pentón et al. 2014)
<i>NeuroImage</i>	Voxel-based morphometric study of ageing in 465 normal adult human brains	(Good et al. 2001)
<i>NeuroImage</i>	Gender differences and age-related white matter changes of the human brain: A diffusion tensor imaging study	(Hsu et al. 2008)
<i>NeuroImage</i>	Millisecond by millisecond, year by year: Normative EEG microstates and developmental stages	(Koenig et al. 2002)
<i>NeuroImage</i>	Fluency affects source memory for familiar names in younger and older adults: Evidence from event-related brain potentials	(Komes et al. 2014)
<i>NeuroImage</i>	Effects of age and sex on cortical sulci in the elderly	(Liu et al. 2010)
<i>NeuroImage</i>	Relationship between cortical sulcal variability and cognitive performance in the elderly	(Liu et al. 2011)

Journal Name	Article Title	Citation
<i>NeuroImage</i>	Age-related changes in modular organization of human brain functional networks	(Meunier et al. 2009)
<i>Neurology</i>	Bilingualism delays age at onset of dementia, independent of education and immigration status	(Alladi et al. 2013)
<i>Neurology</i>	Altered brain white matter integrity in healthy carriers of the APOE ϵ 4 allele: A risk for AD?	(Persson et al. 2006)
<i>Neurology</i>	Category-specific difficulty with naming verbs in Alzheimer's disease	(Robinson et al. 1996)
<i>Neuron</i>	Intrinsic connectivity identifies the hippocampus as a main crossroad between Alzheimer's and semantic dementia-targeted networks	(La Joie et al. 2014)
<i>Neuron</i>	Cognitive Neuroscience and the Study of Memory	(Milner et al. 1998)
<i>Neuropsychologia</i>	Age-related dedifferentiation of visuospatial abilities	(Chen et al. 2002)
<i>Neuropsychologia</i>	Evidence for a possible neuroanatomical basis for lexical processing of nouns and verbs	(Daniele et al. 1994)
<i>Neuropsychologia</i>	Assessing age-related multisensory enhancement with the time-window-of-integration model	(Diederich et al. 2008)
<i>Neuropsychologia</i>	Impaired fear conditioning in Alzheimer's disease	(Hamann et al. 2002)
<i>Neuropsychologia</i>	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging	(Lockhart et al. 2014)
<i>Neuropsychologia</i>	Magnetoencephalography evidence for different brain subregions serving two musical cultures	(Matsunaga et al. 2012)
<i>Neuropsychologia</i>	Impaired word-stem completion priming but intact perceptual identification priming with novel words: Evidence from the amnesic patient H.M.	(Postle & Corkin. 1998)
<i>Neuropsychologia</i>	Age-related differences in processing irrelevant information: Evidence from event-related potentials	(Vallesi et al. 2009)
<i>Neuropsychologia</i>	Early life instruction in foreign language and music and incidence of mild cognitive impairment	(Wilson et al. 2015)
<i>Neuropsychology Review</i>	How does it STAC up? Revisiting the scaffolding theory of aging and cognition	(Reuter-Lorenz & Park. 2014)
<i>Neuroscience</i>	Disconnected aging: Cerebral white matter integrity and age-related differences in cognition	(Bennett & Madden. 2013)
<i>Neuroscience</i>	Error processing in normal aging and in basal ganglia disorders	(Beste et al. 2009)
<i>Neuroscience</i>	Age-related effects on perceptual and semantic encoding in memory	(Kuo et al. 2014)
<i>Neuroscience</i>	Increased cortical plasticity in the elderly: Changes in the somatosensory cortex after paired associative stimulation	(Pellicciari et al. 2009)

Journal Name	Article Title	Citation
<i>Neuroscience</i>	Diffusion Tensor Imaging and MR morphometry of the central auditory pathway and auditory cortex in aging	(Profant et al. 2014)
<i>Neuroscience</i>	Ageing without hearing loss or cognitive impairment causes a decrease in speech intelligibility only in informational maskers	(Rajan & Cainer. 2008)
<i>Neuroscience and Biobehavioral Reviews</i>	Memory encoding and aging: A neurocognitive perspective	(Craik & Rose. 2012)
<i>Neuroscience and Biobehavioral Reviews</i>	Joggin' the noggin: Towards a physiological understanding of exercise-induced cognitive benefits	(Stimpson et al. 2018)
<i>Neuroscience Letters</i>	Effects of gender, age, and body parameters on the ventricular volume of Korean people	(Chung et al. 2006)
<i>Neuroscience Letters</i>	Age-related decline in attentional shifting: Evidence from ERPs	(Cona et al. 2013)
<i>Neuroscience Letters</i>	Age-related changes of task-specific brain activity in normal aging	(Ho et al. 2012)
<i>Neuroscience Letters</i>	Small-worldness and modularity of the resting-state functional brainnetwork decrease with aging	(Onoda & Yamaguchi. 2013)
<i>Neuroscientist</i>	Aristotle on the brain	(Gross. 1995)
<i>New England Journal of Medicine</i>	Effects of Intermittent Fasting on Health, Aging, and Disease	(de Cabo & Mattson. 2019)
<i>New England Journal of Medicine</i>	Prions and neurodegenerative diseases	(Prusiner. 1987)
<i>New England Journal of Medicine</i>	Functional genetic link between distinct developmental language disorders	(Vernes et al. 2008)
P <i>hilosophical Transactions of The Royal Society B: Biological Sciences</i>	Memory, language, and ageing	(Burke & MacKay. 1997)
<i>PLOS Genetics</i>	Determinants of cognitive performance and decline in 20 diverse ethno-regional groups: A cosmic collaboration cohort study	(Lipnicki et al. 2019)
<i>PLOS Genetics</i>	Inhibition of telomere recombination by inactivation of KEOPS subunit Cgi121 promotes cell longevity	(Peng et al. 2015)
<i>PLOS ONE</i>	Prevalence and predictors of mild cognitive impairment in Xi'an: A community-based study among the elders	(Su et al. 2014)
<i>PNAS</i>	Nouns and verbs are retrieved with differently distributed neural systems	(Damasio & Tranel. 1993)
<i>PNAS</i>	Persistent metabolic youth in the aging female brain	(Goyal et al. 2019)

Journal Name	Article Title	Citation
<i>PNAS</i>	Transcription could be the key to the selection advantage of mitochondrial deletion mutants in aging	(Kowald & Kirkwood. 2014)
<i>PNAS</i>	Longitudinal evidence for diminished frontal cortex function in aging	(Nyberg et al. 2010)
<i>PNAS</i>	In vivo correlate of exercise-induced neurogenesis in the adult dentate gyrus	(Pereira et al. 2007)
<i>PNAS</i>	Prions	(Prusiner. 1998)
<i>PNAS (Proceedings of the National Academy of Sciences of the United States of America)</i>	Genetic basis of neurocognitive decline and reduced white-matter integrity in normal human brain aging	(Glahn et al. 2013)
<i>Psychological Science</i>	Is playing video games related to cognitive abilities?	(Unsworth et al. 2015)
<i>Psychology and Aging</i>	Foreign language learning in older age does not improve memory or intelligence: Evidence from a randomized controlled study	(Berggren et al. 2020)
<i>Psychology and Aging</i>	Bilingualism, aging, and cognitive control: Evidence from the Simon Task	(Bialystok et al. 2004)
<i>Psychology and Aging</i>	Hemispheric asymmetry reduction in older adults: the HAROLD model	(Cabeza. 2002)
<i>Psychology and Aging</i>	Relation of task switching to speed, age, and fluid intelligence	(Salthouse et al. 1998)
R <i>adiology</i>	Normal brain development and aging: Quantitative analysis at in vivo MR imaging in healthy volunteers	(Courchesne et al. 2000)
<i>Renkou Xue Kan</i> 人口学刊 (Population journal)	Laonianren yanyu jiaoj zhangai diaocha fenxi 老年人言语交际障碍调查分析 (Investigation on speech communication disorders among the elderly people)	(Li & Lv. 2016)
S <i>cience</i>	Human telomere biology: A contributory and interactive factor in aging, disease risks, and protection	(Blackburn et al. 2015)
<i>Science</i>	Intact but less accessible phonetic representations in adults with Dyslexia	(Boets et al. 2013)
<i>Science</i>	Coupled electrophysiological, hemodynamic, and cerebrospinal fluid oscillations in human sleep	(Fultz et al. 2019)
<i>Science</i>	Escaping attention	(Grüter & Carbon. 2010)
<i>Science</i>	Genetics of adult-onset neuropsychiatric disease: Complexities and conundra?	(Kennedy et al. 2003)
<i>Science</i>	Pathology-linked protease caught in action: Structural snapshots of γ -secretase yied insight for drug development	(Lichtenthaler & Guner. 2019)

CDL Publication: Cumulative Index by Type and Name

Journal Name	Article Title	Citation
<i>Science</i>	Mitochondrial UPR-mediated metabolic checkpoint regulates hematopoietic stem cell aging	(Mohrin et al. 2015)
<i>Science</i>	Garbage Truck of the Brain	(Nedergaard. 2013)
<i>Science</i>	Holding your breath for longevity: A nutrient-sensing protein is important for the health of hematopoietic stem cells during aging	(Ocampo & Belmonte. 2015)
<i>Science</i>	Language in the aging brain: The network dynamics of cognitive decline and preservation	(Shafto & Tyler. 2014)
<i>Science</i>	The human language-associated gene SRPX2 regulates synapse formation and vocalization in mice	(Sia et al. 2013)
<i>Science</i>	Sleep Drives Metabolite Clearance from the Adult Brain	(Xie et al. 2013)
<i>Science</i>	Heterochromatin anomalies and double-stranded RNA accumulation underlie C9orf72 poly(PR) toxicity	(Zhang, Y. et al. 2019)
<i>Science</i>	Recognition of the amyloid precursor protein by human γ -secretase	(Zhou, R. et al. 2019)
<i>Science Advances</i>	Cognitive chimera states in human brain networks	(Bansal et al. 2019)
<i>Science Advances</i>	Learning to read alters cortico-subcortical cross-talk in the visual system of illiterates	(Skeide et al. 2017)
<i>Science Translational Medicine</i>	MS4A gene cluster is a key modulator of soluble TREM2 and Alzheimer's disease risk	(Deming et al. 2019)
<i>Science Translational Medicine</i>	Scanning ultrasound removes amyloid- β and restores memory in an Alzheimer's disease mouse model	(Leinenga & Götz. 2015)
<i>Science Translational Medicine</i>	Molecular mechanism for age-related memory loss: The histone-binding protein RbAp48	(Pavlopoulos et al. 2013)
<i>Scientific Reports</i>	Resting-state prefrontal EEG biomarkers in correlation with MMSE scores in elderly individuals	(Choi et al. 2019)
<i>Scientific Reports</i>	Individual differences approach to semantic cognition: Divergent effects of age on representation, retrieval and selection	(Hoffman. 2018)
<i>Scientific Reports</i>	Neural correlates of abnormal auditory feedback processing during speech production in Alzheimer's disease	(Ranasinghe et al. 2019)
<i>Scientific Reports</i>	Resting-state slow wave power, healthy aging and cognitive performance	(Vlahou et al. 2014)
<i>Shijie Zuixin Yixue Xinxi Wenzhai</i> 世界最新医学信息文摘 (World latest medicine information)	Laonianren yuyan nengli de xiangguan yanjiu 老年人语言能力的相关研究 (Study on linguistic competence of the elderly)	(Han et al. 2019)

Journal Name	Article Title	Citation
T <i>rends in Cognitive Sciences</i>	Cognition through the lifespan: Mechanisms of change	(Craik & Bialystok. 2006)
<i>Trends in Cognitive Sciences</i>	Cognitive aging: Is there a dark side to environmental support?	(Lindenberger & Mayr. 2014)
<i>Trends in Cognitive Sciences</i>	Memory aging and brain maintenance	(Nyberg et al. 2012)
<i>Trends in Cognitive Sciences</i>	New perspectives on the aging lexicon	(Wulff et al. 2019)
<i>Trends in Neurosciences</i>	Epigenetic regulation in neurodegenerative diseases	(Berson et al. 2018)
<i>Trends in Neurosciences</i>	Aging in the olfactory system	(Mobley et al. 2014)
<i>Trends in Neurosciences</i>	Adaptive capacity: An evolutionary neuroscience model linking exercise, cognition, and brain health	(Raichlen & Alexander. 2017)
Z <i>hengda Zhongwe Xuebao</i> 政大中文学报	Yuyan he Shengming Shicheng 语言和生命时程 Language and Life Timelines	(Wang. 2018)
<i>Zhongguo Kangfu Lilun yu Shijian</i> 中国康复理论与实践 (Chinese journal of rehabilitation theory and practice)	Jing Lu Zhiliudian 经颅直流电刺激对老化和阿尔茨海默病认知功能影响的研究进展 (Effects of Transcranial Direct Current Stimulation on Cognitive Function after Aging and Alzheimer's Disease) (review)	(Lei et al. 2019)
<i>Zhongguo shenjing jingshen jibing zazhi</i> 中国神经精神疾病杂志 (Chinese journal of nervous and mental diseases)	Wuyixing chidai de linchuang tedian 语义性痴呆的临床特点 (Study on the clinical features of patients with semantic dementia)	(Wei et al. 2018)