

Homocysteine and Cognitive Performance in the Frami Important

American Journal of Epidemiology

162, 644-653

DOI: [10.1093/aje/kwi259](https://doi.org/10.1093/aje/kwi259)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Homocysteine, type 2 diabetes mellitus, and cognitive performance: The Maine-Syracuse Study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 1101-6.	1.4	25
2	Homocysteine, estrogen and cognitive decline. <i>Climacteric</i> , 2006, 9, 77-87.	1.1	10
3	A Controlled Trial of Homocysteine Lowering and Cognitive Performance. <i>New England Journal of Medicine</i> , 2006, 354, 2764-2772.	13.9	354
4	Homocysteine, folate, and vitamin B-12 and cognitive performance in older Chinese adults: findings from the Singapore Longitudinal Ageing Study. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1506-1512.	2.2	85
5	Homocysteine and cognition: from Galenic dogmatism to genetic relativism. <i>Aging Health</i> , 2006, 2, 783-786.	0.3	2
7	Homocysteine, Folate, and Vitamins B6 and B12 Blood Levels in Relation to Cognitive Performance: The Maine-Syracuse Study. <i>Psychosomatic Medicine</i> , 2006, 68, 547-554.	1.3	78
8	Elevated plasma homocysteine levels: Risk factor or risk marker for the development of dementia and Alzheimer's disease?. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 393-398.	1.2	162
9	In the End, New Antiepileptics May be Less Expensive than Older Antiepileptics for Geriatric Patients. <i>Epilepsy Currents</i> , 2006, 6, 27-29.	0.4	0
11	Nutrient intake and psychological health in an elderly Chinese population. <i>International Journal of Geriatric Psychiatry</i> , 2006, 21, 1036-1043.	1.3	115
12	Tutorial in Biostatistics: Analyzing Associations between Total Plasma Homocysteine and B Vitamins Using Optimal Categorization and Segmented Regression. <i>Neuroepidemiology</i> , 2006, 27, 188-200.	1.1	30
13	Behavioural and Psychological Symptoms of Alzheimer Type Dementia Are Not Correlated with Plasma Homocysteine Concentration. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006, 22, 432-438.	0.7	14
14	Developing Context and Background Underlying Cognitive Intervention/Training Studies in Older Populations. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2007, 62, 5-10.	2.4	17
15	Association of diabetes, homocysteine, and HDL with cognition and disability after stroke. <i>Neurology</i> , 2007, 69, 2054-2062.	1.5	44
17	Relation of Higher Folate Intake to Lower Risk of Alzheimer Disease in the Elderly. <i>Archives of Neurology</i> , 2007, 64, 86.	4.9	215
18	The role of hyperhomocysteinemia and B-vitamin deficiency in neurological and psychiatric diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1590-606.	1.4	123
19	Pro-thrombotic and pro-oxidant effects of diet-induced hyperhomocysteinemia. <i>Thrombosis Research</i> , 2007, 120, 117-126.	0.8	27
20	A versatile equation to describe reversible enzyme inhibition and activation kinetics: Modeling β -galactosidase and butyrylcholinesterase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 733-746.	1.1	24
21	Cobalamin and homocysteine in older adults: Do we need to test for serum levels in the work-up of dementia?. , 2007, 3, 318-324.		16

#	ARTICLE	IF	CITATIONS
22	Heterogeneity and Lack of Good Quality Studies Limit Association Between Folate, Vitamins B-6 and B-12, and Cognitive Function. <i>Journal of Nutrition</i> , 2007, 137, 1789-1794.	1.3	45
23	Plasma homocysteine levels in female patients with eating disorders. <i>International Journal of Eating Disorders</i> , 2007, 40, 277-284.	2.1	9
24	The elephant in the room – healthy brains in later life, epidemiology and public health. <i>Nature Reviews Neuroscience</i> , 2007, 8, 233-239.	4.9	185
25	Dietary Influences on Cognitive Function with Aging. <i>Annals of the New York Academy of Sciences</i> , 2007, 1114, 389-397.	1.8	97
26	Homocysteine Thiolactone and Human Cholinesterases. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 33-48.	1.7	20
27	Rivastigmine versus placebo in hyperhomocysteinemic Parkinson's disease dementia patients. <i>Movement Disorders</i> , 2008, 23, 1532-1540.	2.2	33
28	Homocysteine and cognitive performance: Modification by the ApoE genotype. <i>Neuroscience Letters</i> , 2008, 430, 64-69.	1.0	46
29	Prevalence and Correlates of Silent Cerebral Infarcts in the Framingham Offspring Study. <i>Stroke</i> , 2008, 39, 2929-2935.	1.0	274
30	Public Health Significance of Elevated Homocysteine. <i>Food and Nutrition Bulletin</i> , 2008, 29, S116-S125.	0.5	105
31	Homocysteine, Folate and Cognition in a Large Community-Based Sample of Elderly People – The 3C Dijon Study. <i>Neuroepidemiology</i> , 2008, 30, 207-214.	1.1	29
32	Methylenetetrahydrofolate reductase (MTHFR) gene polymorphisms resulting in suboptimal oocyte maturation: a discussion of folate status, neural tube defects, schizophrenia, and vasculopathy. <i>Journal of Experimental & Clinical Assisted Reproduction</i> , 2008, 5, 5.	0.4	20
33	Chapter 2 Genetics of the Framingham Heart Study Population. <i>Advances in Genetics</i> , 2008, 62, 33-65.	0.8	93
34	Association of Plasma Total Homocysteine Levels With Subclinical Brain Injury. <i>Archives of Neurology</i> , 2008, 65, 642-9.	4.9	146
35	The Worldwide Challenge of the Dementias: A Role for B Vitamins and Homocysteine?. <i>Food and Nutrition Bulletin</i> , 2008, 29, S143-S172.	0.5	200
37	Mildly Elevated TSH and Cognition in Middle-Aged and Older Adults. <i>Thyroid</i> , 2009, 19, 111-117.	2.4	21
38	Genetic risk factors and markers for Alzheimer's disease and/or depression in the VITA study. <i>Journal of Psychiatric Research</i> , 2009, 43, 298-308.	1.5	54
39	Homocysteine Lowering and Cognition in CKD: The Veterans Affairs Homocysteine Study. <i>American Journal of Kidney Diseases</i> , 2009, 54, 440-449.	2.1	64
40	Early intervention for cognitive decline: is there a role for multiple medical or behavioural interventions?. <i>Microbial Biotechnology</i> , 2009, 3, 19-27.	0.9	63

#	ARTICLE	IF	CITATIONS
41	Homocysteine (Hcy) and cognitive performance in a population sample of elderly Brazilians. Archives of Gerontology and Geriatrics, 2009, 48, 142-145.	1.4	16
42	Homocysteine, folate and vitamin B ₁₂ in neuropsychiatric diseases: review and treatment recommendations. Expert Review of Neurotherapeutics, 2009, 9, 1393-1412.	1.4	135
43	Emerging hypotheses regarding the influences of butyrylcholinesterase-K variant, APOE ε4, and hyperhomocysteinemia in neurodegenerative dementias. Medical Hypotheses, 2009, 73, 230-250.	0.8	23
44	Blood lead, serum homocysteine, and neurobehavioral test performance in the third National Health and Nutrition Examination Survey. NeuroToxicology, 2009, 30, 281-289.	1.4	22
46	Cognitive function and brain structure correlations in healthy elderly East Asians. NeuroImage, 2009, 46, 257-269.	2.1	95
47	B-Vitamins and Fatty Acids in the Prevention and Treatment of Alzheimer's Disease and Dementia: A Systematic Review. Journal of Alzheimer's Disease, 2010, 22, 205-224.	1.2	109
48	B vitamins and the aging brain. Nutrition Reviews, 2010, 68, S112-S118.	2.6	88
49	Cobalamin deficiency, hyperhomocysteinemia, and dementia. Neuropsychiatric Disease and Treatment, 2010, 6, 159.	1.0	48
50	Applications of Neurocognitive Assessment in Behavioral Medicine. , 2010, , 125-136.		1
51	Plasma Homocysteine and Cognition in Elderly Patients with Dementia or Other Psychogeriatric Diseases. Dementia and Geriatric Cognitive Disorders, 2010, 30, 198-204.	0.7	14
52	Are dietary choline and betaine intakes determinants of total homocysteine concentration?. American Journal of Clinical Nutrition, 2010, 91, 1303-1310.	2.2	38
53	Homocysteine and inflammation: Predictors of cognitive decline in older persons?. Neurobiology of Aging, 2010, 31, 1700-1709.	1.5	47
54	Vascular Contributions to Cognitive Impairment and Dementia. Stroke, 2011, 42, 2672-2713.	1.0	2,989
55	Hypothesis: Hyperhomocysteinemia is an indicator of oxidant stress. Medical Hypotheses, 2011, 77, 1088-1093.	0.8	113
56	Vascular Dementia and Vascular Cognitive Decline. , 2011, , 252-267.		0
57	Plasma homocysteine and cognitive decline in older hypertensive subjects. International Psychogeriatrics, 2011, 23, 1607-1615.	0.6	21
58	Plasma homocysteine, brain imaging and cognition in older patients with mental illness. International Journal of Geriatric Psychiatry, 2012, 27, 409-414.	1.3	5
59	Dairy constituents and neurocognitive health in ageing. British Journal of Nutrition, 2011, 106, 159-174.	1.2	113

#	ARTICLE	IF	CITATIONS
60	Primary Cerebral Blood Flow Deficiency and Alzheimer's Disease: Shadows and Lights. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 375-389.	1.2	105
61	Vitamin status, cognition and mood in cognitively intact adults. , 2011, , 194-250.		1
62	The relation of dietary choline to cognitive performance and white-matter hyperintensity in the Framingham Offspring Cohort. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1584-1591.	2.2	114
63	Plasma homocysteine and MTHFR C677T polymorphism as risk factors for incident dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 70-75.	0.9	33
64	Status of Vitamins B-12 and B-6 but Not of Folate, Homocysteine, and the Methylene-tetrahydrofolate Reductase C677T Polymorphism Are Associated with Impaired Cognition and Depression in Adults. <i>Journal of Nutrition</i> , 2012, 142, 1554-1560.	1.3	67
65	Vitamin B ₁₂ status, cognitive decline and dementia: a systematic review of prospective cohort studies. <i>British Journal of Nutrition</i> , 2012, 108, 1948-1961.	1.2	84
66	Prevention of Vascular Cognitive Impairment. <i>Stroke</i> , 2012, 43, 3137-3146.	1.0	92
67	A nutrient-dense, high-fiber, fruit-based supplement bar increases HDL cholesterol, particularly large HDL, lowers homocysteine, and raises glutathione in a 2-week trial. <i>FASEB Journal</i> , 2012, 26, 3515-3527.	0.2	25
68	Cognitive impairment and vitamin B12: a review. <i>International Psychogeriatrics</i> , 2012, 24, 541-556.	0.6	179
69	The Role of B Vitamins in Preventing and Treating Cognitive Impairment and Decline. <i>Advances in Nutrition</i> , 2012, 3, 801-812.	2.9	114
70	Homocysteine and cognition in first-episode psychosis patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 557-564.	1.8	51
71	Relationship of Cognitive Function with B Vitamin Status, Homocysteine, and Tissue Factor Pathway Inhibitor in Cognitively Impaired Elderly: A Cross-Sectional Survey. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 853-862.	1.2	49
72	Current Management Decisions in Mild Cognitive Impairment. <i>Clinics in Geriatric Medicine</i> , 2013, 29, 847-871.	1.0	9
73	Silent Brain Infarction – A Review of Recent Observations. <i>International Journal of Stroke</i> , 2013, 8, 334-347.	2.9	18
74	Folate and Alzheimer: when time matters. <i>Journal of Neural Transmission</i> , 2013, 120, 211-224.	1.4	76
75	Homocysteine, progression of ventricular enlargement, and cognitive decline: The Second Manifestations of ARterial disease-Magnetic Resonance study. , 2013, 9, 302-309.		15
76	Association between total plasma homocysteine level and cognitive functions in elderly Egyptian subjects. <i>Journal of the Neurological Sciences</i> , 2013, 332, 86-91.	0.3	7
77	A randomized controlled trial investigating the neurocognitive effects of Lacprodan® PL-20, a phospholipid-rich milk protein concentrate, in elderly participants with age-associated memory impairment: the Phospholipid Intervention for Cognitive Ageing Reversal (PLICAR): study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 404.	0.7	17

#	ARTICLE	IF	CITATIONS
78	Brain imaging and human nutrition: which measures to use in intervention studies?. <i>British Journal of Nutrition</i> , 2013, 110, S1-S30.	1.2	50
79	Importance and management of micronutrient deficiencies in patients with Alzheimer's disease. <i>Clinical Interventions in Aging</i> , 2013, 8, 531.	1.3	44
80	Mouse model for deficiency of methionine synthase reductase exhibits short-term memory impairment and disturbances in brain choline metabolism. <i>Biochemical Journal</i> , 2014, 461, 205-212.	1.7	30
81	The overlap between vascular disease and Alzheimer's disease - lessons from pathology. <i>BMC Medicine</i> , 2014, 12, 206.	2.3	509
82	Cerebral Subcortical Small Vessel Disease in Subjects With Pathologically Confirmed Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 30-35.	0.6	36
83	Epidemiologic studies of modifiable factors associated with cognition and dementia: systematic review and meta-analysis. <i>BMC Public Health</i> , 2014, 14, 643.	1.2	506
84	Homocysteine levels in schizophrenia patients newly admitted to an acute psychiatric ward. <i>Acta Neuropsychiatrica</i> , 2015, 27, 336-344.	1.0	11
85	Metabolic Risk Factors of Sporadic Alzheimer's Disease: Implications in the Pathology, Pathogenesis and Treatment. , 2015, 6, 282.		101
86	Elevated levels of plasma homocysteine, deficiencies in dietary folic acid and uracil-DNA glycosylase impair learning in a mouse model of vascular cognitive impairment. <i>Behavioural Brain Research</i> , 2015, 283, 215-226.	1.2	31
87	Age dependent levels of plasma homocysteine and cognitive performance. <i>Behavioural Brain Research</i> , 2015, 283, 139-144.	1.2	32
88	Vitamin B complex and homocysteine status and Cognitive impairment in the elderly among Indian population. <i>Journal of Neuroscience and Behavioral Health</i> , 2016, 8, 20-26.	0.1	1
89	Adherence to a Mediterranean-Style Diet and Effects on Cognition in Adults: A Qualitative Evaluation and Systematic Review of Longitudinal and Prospective Trials. <i>Frontiers in Nutrition</i> , 2016, 3, 22.	1.6	128
90	Homocysteine and cognition: A systematic review of 111 studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 280-298.	2.9	51
91	Homocysteine, B Vitamins, and Cognitive Impairment. <i>Annual Review of Nutrition</i> , 2016, 36, 211-239.	4.3	361
92	Digit symbol substitution test score and hyperhomocysteinemia in older adults. <i>Medicine (United States)</i> , 2016, 95, 1010-1014.	0.4	5
93	Vascular Dementia and Cognitive Impairment. , 2016, , 253-267.e7.		0
94	Association between subclinical carotid atherosclerosis, hyperhomocysteinemia and mild cognitive impairment. <i>Acta Neurologica Scandinavica</i> , 2016, 134, 154-159.	1.0	12
95	Defining Optimal Brain Health in Adults: A Presidential Advisory From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2017, 48, e284-e303.	1.0	279

#	ARTICLE	IF	CITATIONS
96	Plasma homocysteine and cerebral small vessel disease as possible mediators between kidney and cognitive functions in patients with diabetes mellitus. <i>Scientific Reports</i> , 2017, 7, 4382.	1.6	12
97	Folate. , 2017, , 399-429.		2
99	Antiaging and Neuroprotective Properties of Mediterranean Diet Components in Humans. , 2018, , 237-252.		3
100	Perspective and Directions for Future Research. , 2018, , 429-437.		0
101	Molecular Basis and Emerging Strategies for Anti-aging Interventions. , 2018, , .		1
102	A systematic review of existing peripheral biomarkers of cognitive aging: Is there enough evidence for biomarker proxies in behavioral modification interventions?. <i>Ageing Research Reviews</i> , 2019, 52, 72-119.	5.0	13
103	Widespread pain is a risk factor for cardiovascular mortality: results from the Framingham Heart Study. <i>European Heart Journal</i> , 2019, 40, 1609-1617.	1.0	44
104	Efficacy of Ethanolic Extract of <i>Opuntia ficus-indica</i> var. <i>saboten</i> Stems for Improving Cognitive Function in Elderly Subjects 55-85 Years of Age: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Journal of Medicinal Food</i> , 2020, 23, 1146-1154.	0.8	6
105	Hormetic-Like Effects of L-Homocysteine on Synaptic Structure, Function, and A β Aggregation. <i>Pharmaceuticals</i> , 2020, 13, 24.	1.7	11
106	Elevated Blood Homocysteine and Risk of Alzheimer's Dementia: An Updated Systematic Review and Meta-Analysis Based on Prospective Studies. <i>Journal of Prevention of Alzheimer's Disease</i> , The, 2021, 8, 1-6.	1.5	5
107	LncRNA-mRNA Expression Profiles and Functional Networks Associated with Cognitive Impairment in Folate-deficient Mice. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, .	0.6	1
108	The Association Between Homocysteine and Memory in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 413-426.	1.2	6
109	Vascular Dementia and Cognitive Impairment. , 2022, , 221-236.e8.		1
110	Cardiovascular Disease and Neurocognitive Function. , 2010, , 69-99.		6
111	Folate and Neurological Function. , 2009, , 325-353.		5
112	Central and Systemic Responses to Methionine-Induced Hyperhomocysteinemia in Mice. <i>PLoS ONE</i> , 2014, 9, e105704.	1.1	16
113	B-VITAMIN THERAPY FOR KIDNEY TRANSPLANT RECIPIENTS LOWERS HOMOCYSTEINE AND IMPROVES SELECTIVE COGNITIVE OUTCOMES IN THE RANDOMIZED FAVORIT ANCILLARY COGNITIVE TRIAL. <i>Journal of Prevention of Alzheimer's Disease</i> , The, 2017, 4, 1-8.	1.5	10
114	Rat duodenal motility in vitro: Prokinetic effects of DL-homocysteine thiolactone and modulation of nitric oxide mediated inhibition. <i>Archives of Biological Sciences</i> , 2013, 65, 1323-1330.	0.2	1

#	ARTICLE	IF	CITATIONS
115	EXPERTS DEBATE NEW FINDINGS ABOUT B-VITAMINS AND PREVENTION OF COGNITIVE DECLINE. Neurology Today: an Official Publication of the American Academy of Neurology, 2006, 6, 3-4.	0.0	0
116	Risk Assessment for Complications of Diabetes Mellitus. , 2009, , 195-241.		0
117	Potential Consequences of Obesity on Cognitive Behavior. , 2011, , 147-166.		0
118	Cardiovascular Disease and Neurocognitive Function. , 2019, , 99-134.		0
120	Homocysteine and Dementia in Parkinson Disease. , 0, , .		0
121	Homocysteine Modulates Brain Functional Connectivity in a Memory Retrieval Task. Journal of Alzheimer's Disease, 2022, , 1-11.	1.2	1
122	Homocysteine, Cognitive Functions, and Degenerative Dementias: State of the Art. Biomedicines, 2022, 10, 2741.	1.4	12
123	Levodopa, homocysteine and Parkinson's disease: What's the problem?. Parkinsonism and Related Disorders, 2023, 109, 105357.	1.1	3