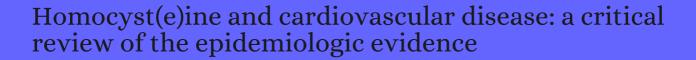
CITATION REPORT List of articles citing



DOI: 10.7326/0003-4819-131-5-199909070-00008 Annals of Internal Medicine, 1999, 131, 363-75.

Source: https://exaly.com/paper-pdf/31074620/citation-report.pdf

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
665	Homocysteine and cardiovascular risk: is it time to treat?. 1999 , 3, 59-60		
664	Homocysteine in health and disease. <i>Annals of Internal Medicine</i> , 1999 , 131, 387-8	8	29
663	MTHFR gene polymorphism and severe toxicity during adjuvant treatment of early breast cancer with cyclophosphamide, methotrexate, and fluorouracil (CMF). 2000 , 11, 373-4		67
662	Multivitamin/mineral supplementation improves plasma B-vitamin status and homocysteine concentration in healthy older adults consuming a folate-fortified diet. 2000 , 130, 3090-6		39
661	Folate and homocysteine. 2000 , 3, 427-32		15
660	The role of folic acid in the prevention of cardiovascular disease. 2000 , 11, 577-87		34
659	C-reactive protein, oxidative stress, homocysteine, and troponin as inflammatory and metabolic predictors of atherosclerosis in ESRD. 2000 , 9, 621-30		29
658	Hyperhomocysteinemia in organ transplantation. 2000 , 10, 87-94		7
657	Nutritional aspects and possible pathological mechanisms of hyperhomocysteinaemia: an independent risk factor for vascular disease. 2000 , 59, 221-37		24
656	Hyperhomocysteinemia and thrombosis. 2000 , 22, 133-43		47
655	Correlates of total plasma homocysteine: folic acid, copper, and cervical dysplasia. 2000 , 16, 411-6		12
654	Comparative methodologic study of NFkappaB activation in cultured endothelial cells. 2000, 136, 402-	11	12
653	Hyperhomocysteinemia in Greek patients with inflammatory bowel disease. 2000 , 45, 2347-51		41
652	Blood levels of homocysteine and atherosclerotic vascular disease. 2000 , 2, 194-9		8
651	Global risk assessment for lipid therapy to prevent coronary heart disease. 2000 , 2, 424-32		
650	Homocysteine and Cardiovascular Risk in Dialysis Patients. 2000 , 20, 167-168		1
649	The controversy over homocysteine and cardiovascular risk. 2000 , 72, 324-32		394

(2001-2000)

648	Folate dependence of hyperhomocysteinemia and vascular dysfunction in cystathionine beta-synthase-deficient mice. 2000 , 279, H970-5	76
647	Vitamins and homocysteine metabolism. 2000 , 60, 333-52	3
646	Effect of total plasma homocysteine on cervical dysplasia risk. 2000 , 37, 128-33	19
645	Whole grain foods and heart disease risk. 2000 , 19, 291S-299S	177
644	Therapeutic potential of total homocysteine-lowering drugs on cardiovascular disease. 2000 , 9, 2637-51	5
643	Effect of dietary patterns on serum homocysteine: results of a randomized, controlled feeding study. 2000 , 102, 852-7	141
642	Plasma homocysteine predicts mortality independently of traditional risk factors and C-reactive protein in patients with angiographically defined coronary artery disease. 2000 , 102, 1227-32	190
641	Prevention of coronary heart disease. Part II. Secondary prevention, detection of subclinical disease, and emerging risk factors. 2000 , 46, 1-123	2
640	Cardiovascular risk factors in vegetarians. Normalization of hyperhomocysteinemia with vitamin B(12) and reduction of platelet aggregation with n-3 fatty acids. 2000 , 100, 153-60	37
639	Plasmatic homocysteine response to vitamin supplementation in elderly people. 2000 , 100, 495-500	4
638	Hyperhomocysteinemia and oxidative stress: time for a reality check?. 2000 , 20, 1182-4	121
637	[Deep venous thrombosis: present and future]. 2000, 114, 584-96	2
636	Clinical and laboratory features and sequelae of deficiency of folic acid (folate) and vitamin B12 (cobalamin) in pregnancy and gynecology. 2000 , 14, 1079-100, viii	21
635	The role of vitamins in the prevention of coronary artery disease. 2000 , 4, 59-61	2
634	Fenofibrate raises plasma homocysteine levels in the fasted and fed states. 2001 , 155, 455-62	60
634 633	Fenofibrate raises plasma homocysteine levels in the fasted and fed states. 2001 , 155, 455-62 Homocysteine and cardiovascular disease in diabetes mellitus. 2001 , 159, 497-511	60 98

630	Coronary artery disease in systemic lupus erythematosus: A review of the literature. 2001 , 30, 436-43	59
629	Associations between homocysteine and coagulation factorsa cross-sectional study in two populations of central Europe. 2001 , 103, 265-73	25
628	Hiperhomocisteinemia. DiagnEtico y tratamiento. 2001 , 13, 36-42	
627	Etiopatogenia de la arterioesclerosis. aspectos celulares y moleculares del da\(\textit{\textit{B}}\) vascular. 2001 , 8, 2223-2229	
626	[Current topics in vascular biology: an update for the 21st century]. 2001 , 54, 635-42	0
625	Reciprocal regulation of endothelin-1 and nitric oxide: relevance in the physiology and pathology of the cardiovascular system. 2001 , 209, 241-72	66
624	Homocysteine levels in patients with stroke: clinical relevance and therapeutic implications. 2001 , 15, 437-43	19
623	Polymorphisms in the methylenetetrahydrofolate reductase gene: clinical consequences. 2001 , 1, 189-201	151
622	Albumin thiolate anion is an intermediate in the formation of albumin-S-S-homocysteine. 2001 , 276, 30111-7	130
621	Does Homocysteine Promote Atherosclerosis?. 2001 , 21, 1385-1386	28
620	Plasma S-adenosylhomocysteine is a more sensitive indicator of cardiovascular disease than plasma homocysteine. 2001 , 74, 723-9	134
619	Low-dose vitamin B-6 effectively lowers fasting plasma homocysteine in healthy elderly persons who are folate and riboflavin replete. 2001 , 73, 759-64	92
618	Other Dietary Components and Cardiovascular Risk. 2001 , 291-302	1
617	Improvements in circulating cholesterol, antioxidants, and homocysteine after dietary intervention in an Australian Aboriginal community. 2001 , 74, 442-8	49
616	Determinants of Increased Plasma Homocysteine in 221 Stable Liver Transplant Patients. 2001 , 47, 2037-2040	8
615	Plasma Homocysteine Is Not Subject to Seasonal Variation. 2001 , 47, 1430-1436	47
614	Folates and prevention of disease. 2001 , 4, 601-9	83
613	Unsuspected hyperhomocysteinemia in chronically anticoagulated patients. 2001 , 12, 79-80	5

(2001-2001)

612	Stabilization of blood homocysteine in an epidemiological setting. 2001 , 10, 473-6	7
611	Associations of homocysteine, C-reactive protein and cardiovascular disease in patients with renal disease. 2001 , 10, 377-83	15
610	Homocysteine, vitamins and gene mutations in peripheral arterial disease. 2001 , 12, 469-75	10
609	Increased cysteine plasma levels in kidney transplants: a potential vascular disease risk factor?. 2001 , 71, 713-5	2
608	Primary prevention of ischemic stroke: A statement for healthcare professionals from the Stroke Council of the American Heart Association. 2001 , 32, 280-99	341
607	Association between dietary patterns and plasma biomarkers of obesity and cardiovascular disease risk. 2001 , 73, 61-7	623
606	Diagnosis and treatment of hyperhomocysteinemia. 2001 , 3, 54-63	4
605	Plasma reduced homocysteine concentrations are increased in end-stage renal disease. 2001 , 59, 372-7	26
604	Racial variation in fasting and random homocysteine levels. 2001 , 66, 252-6	16
603	Folate fortification: potential impact on folate intake in an older population. 2001 , 55, 793-800	14
602	Case-controlled study to assess risk factors for aortic stenosis in congenitally bicuspid aortic valve. 2001 , 88, 690-3	73
601	Elevated plasma homocysteine levels in centenarians are not associated with cognitive impairment. 2000 , 121, 251-61	46
600	Fibrates and homocysteine. 2001 , 17, 973-4	2
599	Drug-nutrient interactions in transplant recipients. 2001 , 25, 132-41	15
598	Is hyperhomocysteinemia due to the oxidative depletion of folate rather than to insufficient dietary intake?. 2001 , 39, 691-4	68
597	Low dietary folate intake is associated with an excess incidence of acute coronary events: The Kuopio Ischemic Heart Disease Risk Factor Study. 2001 , 103, 2674-80	173
596	Homocysteine and coronary heart disease in the Caerphilly cohort: a 10 year follow up. 2001 , 85, 153-8	38
595	Inflammation, not hyperhomocysteinemia, is related to oxidative stress and hemostatic and endothelial dysfunction in uremia. 2001 , 60, 1844-1850	59

594	The role of risk factors in the development of atherosclerosis. 2001 , 38, 401-40	21
593	Risk factors for cardiovascular disease in systemic lupus erythematosus. 2001 , 104, 1887-93	397
592	Endothelial dysfunction and elevation of S-adenosylhomocysteine in cystathionine beta-synthase-deficient mice. 2001 , 88, 1203-9	179
591	Primary prevention of ischemic stroke: A statement for healthcare professionals from the Stroke Council of the American Heart Association. 2001 , 103, 163-82	289
590	Supplementation of atherogenic diet with B vitamins does not prevent atherosclerosis or vascular dysfunction in monkeys. 2001 , 103, 1006-11	30
589	Fasting plasma homocysteine levels in the insulin resistance syndrome: the Framingham offspring study. 2001 , 24, 1403-10	246
588	Taurine prevents the decrease in expression and secretion of extracellular superoxide dismutase induced by homocysteine: amelioration of homocysteine-induced endoplasmic reticulum stress by taurine. 2001 , 104, 1165-70	118
587	Homocystine solubility and vascular disease. 2002 , 16, 401-4	19
586	Stroke prevention therapy beyond antithrombotics: unifying mechanisms in ischemic stroke pathogenesis and implications for therapy: an invited review. 2002 , 33, 862-75	166
585	Homocysteine binds to human plasma fibronectin and inhibits its interaction with fibrin. 2002 , 22, 1354-9	67
584	Hyperhomocysteinemia evoked by folate depletion: effects on coronary and carotid arterial function. 2002 , 22, 772-80	69
583	Commentary: an updated review of the published studies of homocysteine and cardiovascular disease. 2002 , 31, 70-1	13
582	Homocyst(e)ine and cardiovascular disease: a systematic review of the evidence with special emphasis on case-control studies and nested case-control studies. 2002 , 31, 59-70	177
581	Elevated fibrinogen and homocysteine levels enhance the risk of mortality in patients from a high-risk preventive cardiology clinic. 2002 , 22, 1042-5	33
580	Plasma homocysteine and parental myocardial infarction in young adults in Jerusalem. 2002, 105, 2725-9	26
579	Cardiovascular risk factors in acromegaly before and after normalization of serum IGF-I levels with the GH antagonist pegvisomant. 2002 , 87, 1692-9	82
578	Total homocysteine lowering treatment among coronary artery disease patients in the era of folic acid-fortified cereal grain flour. 2002 , 22, 488-91	24
577	Structure of cerebral arterioles in cystathionine beta-synthase-deficient mice. 2002 , 91, 931-7	61

(2002-2002)

576	Deficiency of glutathione peroxidase-1 sensitizes hyperhomocysteinemic mice to endothelial dysfunction. 2002 , 22, 1996-2002	86
575	Folates and cardiovascular disease. 2002 , 22, 6-13	223
574	Homocysteine and folate status in methotrexate-treated patients with rheumatoid arthritis. 2002 , 41, 658-65	127
573	Vascular responses in male and female hypertensive rats with hyperhomocysteinemia. 2002 , 40, 322-8	28
572	Homocysteine and cardiovascular disease: evidence on causality from a meta-analysis. 2002, 325, 1202	1329
571	Riboflavin is a determinant of total homocysteine plasma concentrations in end-stage renal disease patients. 2002 , 13, 1331-7	33
57°	Oxidative stress and cardiovascular disease in type 2 diabetes: the role of antioxidants and pro-oxidants. 2002 , 16, 68-85	100
569	Vitamin Metabolism. 2002 , 901-928	2
568	Effect of hyperhomocysteinemia on protein C activation and activity. 2002, 100, 2108-12	31
567	Changes in plasma homocyst(e)ine in the acute phase after stroke. 2002 , 33, 473-8	69
566	Betaine supplementation decreases plasma homocysteine concentrations but does not affect body weight, body composition, or resting energy expenditure in human subjects. 2002 , 76, 961-7	138
565	Homocyst(e)ine and coronary heart disease: pharmacoeconomic support for interventions to lower hyperhomocyst(e)inaemia. 2002 , 20, 429-42	10
564	Vitamin B(12) deficiency associated with histamine(2)-receptor antagonists and a proton-pump inhibitor. 2002 , 36, 812-6	70
563	Novel risk factors for peripheral arterial disease in young women. 2002 , 113, 462-7	40
562	Homocysteine levels and decline in physical function: MacArthur Studies of Successful Aging. 2002 , 113, 537-42	86
561	Homocysteine attenuates hemodynamic responses to nitric oxide in vivo. 2002 , 161, 169-76	29
560	Homocysteine levels in men and women of different ethnic and cultural background living in England. 2002 , 164, 95-102	47
559	Lack of association between plasma homocysteine and angiographic coronary artery disease in the era of fortification of cereal grain flour with folic acid. 2002 , 165, 375-81	12

558	Prevention of post-transplant cardiovascular diseasereport and recommendations of an ad hoc group. 2002 , 2, 491-500	63
557	Drugs affecting homocysteine metabolism: impact on cardiovascular risk. 2002 , 62, 605-16	79
556	Hiperhomocistinemia y polimorfismo 677C -> T de la 5,10-metilenotetrahidrofolato reductasa en hijos de pacientes con enfermedad coronaria prematura. 2002 , 56, 402-408	5
555	Methotrexate treatment and mortality in rheumatoid arthritis. 2002 , 360, 1095; author reply 1097-8	2
554	Fenofibrate induces a selective increase of protein-bound homocysteine in rodents: a PPARalpha-mediated effect. 2002 , 295, 1052-6	19
553	The spectrum of long-term renal transplantation: Outcomes, complications, and clinical studies. 2002 , 16, 22-50	9
552	S-adenosylhomocysteine, but not homocysteine, is toxic to yeast lacking cystathionine beta-synthase. 2002 , 75, 335-43	27
551	Upregulation of smooth muscle cell collagen production by homocysteine-insight into the pathogenesis of homocystinuria. 2002 , 76, 92-9	25
550	Total plasma homocysteine level and risk of cardiovascular disease: a meta-analysis of prospective cohort studies. 2002 , 55, 882-7	115
549	Prevalence of hyperhomocysteinemia in an elderly population. 2002 , 15, 394-7	17
548	Technique d E ude de quatre polymorphismes enzymatiques impliqu E dans l E lyperhomocyst [h E hie. 2002 , 17, 251-256	
547	Prospective study of C-reactive protein, homocysteine, and plasma lipid levels as predictors of sudden cardiac death. 2002 , 105, 2595-9	418
546	Relaß da homocisteinemia com a sensibilidade 🏻 insulina e com fatores de risco cardiovascular em um grupo indgena brasileiro. 2002 , 46, 260-268	1
545	Plasma homocysteine levels in Taiwanese vegetarians are higher than those of omnivores. 2002 , 132, 152-8	61
544	Effects of homocysteine on intracellular nitric oxide and superoxide levels in the renal arterial endothelium. 2002 , 283, H1237-43	18
543	Impaired functioning of thermolabile methylenetetrahydrofolate reductase is dependent on riboflavin status: implications for riboflavin requirements. 2002 , 76, 436-41	121
542	Maternal and fetal plasma homocysteine concentrations at birth: the influence of folate, vitamin B12, and the 5,10-methylenetetrahydrofolate reductase 677C>T variant. 2002 , 186, 499-503	70
541	Usefulness of plasma vitamin B(6), B(12), folate, homocysteine, and creatinine in predicting outcomes in heart transplant recipients. 2002 , 89, 834-7	16

(2002-2002)

540	Effect of implementation of folic acid fortification of food on homocysteine concentrations in subjects with coronary artery disease. 2002 , 90, 536-9	5
539	Hyperhomocysteinemia in renal transplant recipients. 2002 , 2, 308-13	37
538	Plasma sulfur amino acids in relation to cardiovascular disease, nutritional status, and diabetes mellitus in patients with chronic renal failure at start of dialysis therapy. 2002 , 40, 480-8	43
537	How does one assess and monitor patients with systemic lupus erythematosus in daily clinical practice?. 2002 , 16, 181-94	5
536	Miscellaneous medications for the management of atherosclerosis: Mayhem or miracle?. 2002 , 15, 275-287	
535	Homocysteine, vitamin B(6), and lipid in cardiovascular disease. 2002 , 18, 595-8	14
534	Overnutrition and nutritional deficiency contribute to metabolic syndrome and atherosclerosis in Asian Indians. 2002 , 18, 702-3	13
533	Homocysteine, silent brain infarcts, and white matter lesions: The Rotterdam Scan Study. 2002 , 51, 285-9	275
532	Is homocysteine a causal and treatable risk factor for vascular diseases of the brain (cognitive impairment and stroke)?. 2002 , 51, 279-81	15
531	Behandeling van matig verhoogde homocystefiespiegels is prematuurfoliumzuur hart- en vaatziekten homocystefiemie preventie. 2002 , 45, 364-365	
530	Prothrombotic States that Predispose to Stroke. 2002 , 4, 417-425	15
529	Homocysteine. 2002 , 28, 34-8	
528	Methods for homocysteine analysis and biological relevance of the results. 2002 , 781, 207-26	79
527	Ischemic heart disease after renal transplantation. 2002 , 61, 356-69	26
526	Moderate renal insufficiency and the risk of cardiovascular mortality: results from the NHANES I. 2002 , 61, 1486-94	217
525	Antiepileptic Drugs and Homocysteine Levels. 2002 , 2, 41-42	1
524	Serum homocysteine, creatinine, and glucose as predictors of the severity and extent of coronary artery disease in asymptomatic members of high-risk families. 2002 , 32, 472-8	11
523	Homocysteine: an aetiological contributor to peripheral vascular arterial disease. 2002 , 72, 668-71	8

522	Assessment of three levels of folic acid on serum folate and plasma homocysteine: a randomised placebo-controlled double-blind dietary intervention trial. 2002 , 56, 748-54	42
521	Effect of riboflavin supplementation on plasma homocysteine in elderly people with low riboflavin status. 2002 , 56, 850-6	27
520	Elevated homocysteine levels might be associated with coronary artery remodeling in patients with stable angina: an intravascular ultrasound study. 2002 , 25, 225-9	10
519	Reduction of Na(+),K(+)-ATPase activity in hippocampus of rats subjected to chemically induced hyperhomocysteinemia. 2002 , 27, 1593-8	7 8
518	Homocysteine as a risk factor for nephropathy and retinopathy in Type 2 diabetes. 2003, 46, 766-72	78
517	Screening for hypercoagulable syndromes following stroke. 2003 , 5, 291-8	8
516	Efficacy of over-the-counter nutritional supplements. 2003 , 5, 15-21	9
515	Homocysteine and blood pressure. 2003 , 5, 26-31	68
514	Prevalence and progression of peripheral arterial calcifications in patients with ESRD. 2003, 41, 140-8	37
513	Homocysteine, white matter hyperintensities, and cognition in healthy elderly people. 2003 , 53, 214-21	167
512	Hyperhomocysteinemia and its role in the development of atherosclerosis. 2003, 36, 431-41	156
511	Hyperhomocysteinaemia is associated with coronary events in type 2 diabetes. 2003 , 253, 293-300	43
510	Clinical epidemiology of cardiac disease in renal transplant recipients. 2003 , 16, 106-10	35
509	Effects of homocysteine on l-arginine transport and nitric oxide formation in human platelets. 2003 , 33, 713-9	31
508	Acute absorption of folic acid from a fortified low-fat spread. 2003 , 57, 1235-41	7
507	Circulating homocysteine levels in sustained and white coat hypertension. 2003, 17, 165-70	23
506	Tratamiento farmacolgico del riesgo cardiovascular metablico. 2003 , 8, 6382-6395	
505	[Plasma homocysteine levels in systemic lupus erythematosus]. 2003 , 120, 681-5	9

(2003-2003)

Hiperhomocisteinemia asociada a mliples enfermedades, desde la aterotrombosis al Alzheimer: ¿casualidad o causalidad?. **2003**, 15, 69-72

503	Plasma vitamin B6 vitamers before and after oral vitamin B6 treatment: a randomized placebo-controlled study. 2003 , 49, 155-61		57
502	Hyperhomocysteinemia and cardiovascular disease: new mechanisms beyond atherosclerosis. <i>Metabolic Syndrome and Related Disorders</i> , 2003 , 1, 97-104	2.6	8
501	Insulin sensitivity and plasma homocysteine concentrations in non-diabetic obese and normal weight subjects. 2003 , 167, 105-9		64
500	Effects of vitamin supplementation and hyperhomocysteinemia on atherosclerosis in apoE-deficient mice. 2003 , 168, 255-62		58
499	Distribution of serum total homocysteine and its association with diabetes and cardiovascular risk factors of the insulin resistance syndrome in Mexican American men: the Third National Health and Nutrition Examination Survey. 2003 , 2, 6		22
498	Fenofibrate-induced hyperhomocysteinaemia: clinical implications and management. 2003, 26, 81-91		19
497	Folate: a key to optimizing health and reducing disease risk in the elderly. 2003, 22, 1-8		69
496	The nested case-control study in cardiology. 2003 , 146, 581-90		127
495	Serum homocysteine levels and mortality in outpatients with or without coronary artery disease: an observational study. 2003 , 114, 685-8		6
494	Meta-analysis of plasma homocysteine, serum folate, serum vitamin B(12), and thermolabile MTHFR genotype as risk factors for retinal vascular occlusive disease. 2003 , 136, 1136-50		116
493	Screening for homocysteine levels in Israel in primary care clinics: a need for guidelines. 2003 , 37, 668-7	'1	4
492	Hyperhomocysteinemia, endothelial dysfunction, and cardiovascular risk: the potential role of ADMA. 2003 , 4, 61-5		83
491	Folate treatment and unbalanced methylation and changes of allelic expression induced by hyperhomocysteinaemia in patients with uraemia. 2003 , 361, 1693-9		359
490	Rapid measurement of total plasma homocysteine by HPLC. 2003, 331, 19-23		63
489	Treatment of hyperhomocysteinemia after renal transplantation. 2003, 35, 1742-4		5
488	Understanding the transition from alternative medicine to mainstream science: the homocysteine theory of heart disease and the crucial role of effective mentoring. 2003 , 61, 340-5		1
487	Current concepts of cardiovascular diseases in diabetes mellitus. 2003 , 89, 123-34		36

486	Established and recently identified coronary heart disease risk factors in young people: the influence of physical activity and physical fitness. 2003 , 33, 633-50		31
485	Epidemiology of homocysteine as a risk factor in diabetes. <i>Metabolic Syndrome and Related Disorders</i> , 2003 , 1, 105-20	2.6	10
484	Plasma homocysteine and risk for congestive heart failure in adults without prior myocardial infarction. 2003 , 289, 1251-7		150
483	Homocysteine-betaine interactions in a murine model of 5,10-methylenetetrahydrofolate reductase deficiency. 2003 , 17, 512-4		130
482	White cell telomere length and risk of premature myocardial infarction. 2003 , 23, 842-6		469
481	TDAG51 is induced by homocysteine, promotes detachment-mediated programmed cell death, and contributes to the cevelopment of atherosclerosis in hyperhomocysteinemia. 2003 , 278, 30317-27		157
480	Homocysteine status and polymorphisms of methylenetetrahydrofolate reductase are not associated with restenosis after stenting in coronary arteries. 2003 , 23, 2229-34		18
479	Hyperhomocysteinemia and immune activation. 2003 , 41, 1438-43		38
478	Hormonal regulation of homocysteine. Metabolic Syndrome and Related Disorders, 2003, 1, 121-8	2.6	3
477	Effect of pharmacological treatments for diabetes on homocysteine. <i>Metabolic Syndrome and Related Disorders</i> , 2003 , 1, 149-58	2.6	1
476	Low vitamin B(6) plasma levels, a risk factor for thrombosis, in inflammatory bowel disease: role of inflammation and correlation with acute phase reactants. 2003 , 98, 112-7		121
475	The atherogenic effect of excess methionine intake. 2003 , 100, 15089-94		129
474	Oral infection with a periodontal pathogen accelerates early atherosclerosis in apolipoprotein E-null mice. 2003 , 23, 1405-11		300
473	Homocysteine and cerebral infarction in finnish male smokers. 2003 , 34, 1359-63		28
472	Effects of chronic alcohol consumption on lipid levels, inflammatory and haemostatic factors in the general population: the 'ATTICA' Study. 2003 , 10, 355-61		39
471	Clinical practice. Care after coronary-artery bypass surgery. 2003 , 348, 1456-63		31
470	Folate and vitamin B-12 and risk of fatal cardiovascular disease: cohort study from Busselton, Western Australia. 2003 , 326, 131		36
469	Hyperhomocystinemia in children with inflammatory bowel disease. 2003 , 37, 586-90		33

468	. 2003 , 10, 41-55	10
467	Implications of oxidative stress and homocysteine in the pathophysiology of essential hypertension. 2003 , 42, 453-61	58
466	Hyperhomocysteinemia leads to pathological ventricular hypertrophy in normotensive rats. 2003 , 285, H679-86	93
465	Comparison of the effect of low-dose supplementation with L-5-methyltetrahydrofolate or folic acid on plasma homocysteine: a randomized placebo-controlled study. 2003 , 77, 658-62	72
464	Folic acid supplements and fortification affect the risk for neural tube defects, vascular disease and cancer: evolving science. 2003 , 133, 1961S-1968S	121
463	A mixed fruit and vegetable concentrate increases plasma antioxidant vitamins and folate and lowers plasma homocysteine in men. 2003 , 133, 2188-93	65
462	Betaine supplementation lowers plasma homocysteine in healthy men and women. 2003, 133, 1291-5	121
461	Identification and Management of Vascular Risk: Beyond Low Density Lipoprotein Cholesterol. 2003 , 51, 521-531	3
460	Relation between homocysteine concentrations and the consumption of different types of alcoholic beverages: the French Supplementation with Antioxidant Vitamins and Minerals Study. 2003 , 78, 334-8	37
459	Changes in lifestyle and plasma total homocysteine: the Hordaland Homocysteine Study. 2004 , 79, 812-9	49
458	[Evaluation of the polymorphisms in methylenetetrahydrofolate reductase gene and the levels of folate and B12 in HIV-infected patients under antiretroviral therapy]. 2004 , 37, 469-75	2
457	Antiphospholipid antibodies and thrombosis: association with acquired activated protein C resistance in venous thrombosis and with hyperhomocysteinemia in arterial thrombosis. 2004 , 92, 1312-9	15
456	Low plasma vitamin B-6 concentrations and modulation of coronary artery disease risk. 2004 , 79, 992-8	94
455	Mild hyperhomocysteinemia induced by feeding rats diets rich in methionine or deficient in folate promotes early atherosclerotic inflammatory processes. 2004 , 134, 825-30	47
454	Homocysteine, antiphospholipid antibodies and risk of thrombosis in patients with systemic lupus erythematosus. 2004 , 13, 927-33	15
453	Association of multiple cellular stress pathways with accelerated atherosclerosis in hyperhomocysteinemic apolipoprotein E-deficient mice. 2004 , 110, 207-13	171
452	The association of diet and other lifestyle factors with the onset of overactive bladder: a longitudinal study in men. 2004 , 7, 885-91	71
451	Chapter 2 Primary Prevention of Stroke by Modification of Selected Risk Factors. 2004 , 29, 5-54	

450	The metabolic syndrome: an emerging risk state for cardiovascular disease. 2004 , 9, 55-68	33
449	Is there really a power shortage in clinical trials testing the "homocysteine hypothesis?". 2004 , 24, e147	7
448	Red cell N5-methyltetrahydrofolate concentrations and C677T methylenetetrahydrofolate reductase genotype in patients with stroke. 2004 , 57, 54-7	8
447	Homocysteine and cobalamin status in German vegans. 2004 , 7, 467-72	32
446	Association of serum total homocysteine with the extent of ischemic heart disease in a Mediterranean cohort. 2004 , 55, 517-24	4
445	Folic acid-based multivitamin therapy to prevent stroke: the jury is still out. 2004 , 35, 1995-8	5
444	Multicenter analytical evaluation of an enzymatic method for the measurement of plasma homocysteine and comparison with HPLC and immunochemistry. 2004 , 50, 937-41	20
443	Homocysteine, a risk factor for carotid atherosclerosis, is not a risk factor for early recurrent carotid stenosis following carotid endarterectomy. 2004 , 38, 345-8	14
442	The effect of fibrates and other lipid-lowering drugs on plasma homocysteine levels. 2004, 3, 101-111	32
441	Plasma homocysteine and immune activation in patients with malignant melanoma undergoing treatment with IFN-alpha. 2004 , 24, 311-7	3
440	Cardiac Mass and Function, Carotid Artery Intima Media Thickness, Homocysteine and Lipoprotein Levels in Children and Adolescents with Growth Hormone Deficiency. 2004 , 17,	7
439	Design and statistical issues in the homocysteinemia in kidney and end stage renal disease (HOST) study. 2004 , 1, 451-60	19
438	Death receptor induced apoptosis: a new mechanism of homocysteine-mediated endothelial cell cytotoxicity. 2004 , 43, 1168-70	25
437	Serum homocysteine concentrations in children with growth hormone (GH) deficiency before and after 12 months GH replacement. 2004 , 61, 607-11	12
436	Elevated plasma homocysteine: cause or consequence of myocardial infarction?. 2004 , 256, 491-8	6
435	Homocysteine and markers of coagulation and endothelial cell activation. 2004 , 2, 445-51	20
434	Mild hyperhomocysteinemia promotes renal hemodynamic dysfunction without histopathologic changes in adult rats. 2004 , 66, 1866-72	7
433	Mineral water fortified with folic acid, vitamins B6, B12, D and calcium improves folate status and decreases plasma homocysteine concentration in men and women. 2004 , 58, 376-85	18

(2004-2004)

432	interventional trials. 2004 , 3, 493-5	32
431	Effect of fenofibrate-mediated increase in plasma homocysteine on the progression of coronary artery disease in type 2 diabetes mellitus. 2004 , 93, 848-53	42
430	Methylenetetrahydrofolate reductase gene C677T and A1298C polymorphisms, plasma homocysteine, folate, and vitamin B12 levels and the extent of coronary artery disease. 2004 , 93, 1201-6	45
429	[Folate against hyperhomocysteinemia. A new approach for the prevention and therapy of alcoholism-associated disorders?]. 2004 , 75, 425-30	2
428	Laxative treatment elevates plasma homocysteine: a study on a population-based Swedish sample of old people. 2004 , 60, 45-9	7
427	Atrophic gastritis as a cause of hyperhomocysteinaemia. 2004 , 19, 107-11	31
426	Nutrient composition of the diet and the development of overactive bladder: a longitudinal study in women. 2004 , 23, 204-10	67
425	Folate and cobalamin synergistically decrease the risk of high plasma homocysteine in a nonsupplemented elderly institutionalized population. 2004 , 37, 904-10	14
424	High alcohol and low folate intake increases risk of major chronic disease in women. 2004 , 8, 71-73	1
423	Communicating cardiovascular disease risk due to elevated homocysteine levels: using the EPPM to develop print materials. 2004 , 31, 355-71	44
422	Impaired glucose metabolism in patients with heart failure: pathophysiology and possible treatment strategies. 2004 , 4, 269-80	28
421	Hyperhomocysteinemia and the risk of restenosis after coronary artery stenting: fact or fiction?. 2004 , 2, 935-9	
420	No evidence for oxidative stress as a mechanism of action of hyperhomocysteinemia in humans. 2004 , 38, 1215-21	12
419	Cerebral vascular dysfunction mediated by superoxide in hyperhomocysteinemic mice. 2004 , 35, 1957-62	135
418	Chronic renal insufficiency and cardiovascular events in the elderly: findings from the Cardiovascular Health Study. 2004 , 13, 81-90	40
417	Caracterizacifi de un modelo murino en el que la deficiencia parcial de folato no induce hiperhomocisteinemia. 2004 , 16, 192-197	O
416	Vitamins in health and aging. 2004 , 20, 259-74	16
415	Improving homocysteine levels through balneotherapy: effects of sulphur baths. 2004 , 343, 105-11	23

414	Homocysteine modulates the proteolytic potential of human vascular endothelial cells. 2004 , 316, 170-6	20
413	The unfolded protein responsea stress signaling pathway of the endoplasmic reticulum. 2004 , 28, 79-92	221
412	A case-control study on adverse effects: H2 blocker or proton pump inhibitor use and risk of vitamin B12 deficiency in older adults. 2004 , 57, 422-8	163
411	Homocysteine and folate: from genes to greens. 2004 , 1262, 173-175	
410	Efficacy of folic acid when added to statin therapy in patients with hypercholesterolemia following acute myocardial infarction: a randomised pilot trial. 2004 , 93, 175-9	58
409	C677T polymorphism of the methylenetetrahydrofolate reductase gene is a risk factor of adverse events after coronary revascularization. 2004 , 96, 341-5	26
408	In vivo and in vitro effects of homocysteine on Na+, K+-ATPase activity in parietal, prefrontal and cingulate cortex of young rats. 2004 , 22, 185-90	35
407	Slowing the progression of diabetic nephropathy and its cardiovascular consequences. 2004 , 148, 243-51	25
406	Effect of folic acid fortification of food on homocysteine-related mortality. 2004, 116, 158-64	30
405	Relationship of homocysteine with cardiovascular disease and blood pressure. 2004 , 6, 494-8; quiz 499-500	30
404	Diet, serum homocysteine levels and ischaemic heart disease in a Mediterranean population. 2004 , 91, 1013-9	9
403	The effect of low doses of betaine on plasma homocysteine in healthy volunteers. 2004 , 92, 665-9	23
402	Diet, genes and disease: implications for nutrition policy. 2004 , 63, 491-500	21
401	Nutrition and metabolism. 2004, 15, 215-7	
400	Small artery mechanics in hyperhomocysteinemic mice: effects of angiotensin II. <i>Journal of Hypertension</i> , 2004 , 22, 959-66	39
399	Effect of Mthfr genotype on diet-induced hyperhomocysteinemia and vascular function in mice. 2004 , 103, 2624-9	89
398	Prliention des accidents vasculaires cffbraux. 2004 , 1, 1-20	1
397	Plasma homocysteine levels and the left ventricular systolic function in coronary artery disease patients. 2005 , 16, 153-61	12

(2005-2005)

396	Treatment of elevated homocysteine to restore normal wound healing: a possible relationship between homocysteine, nitric oxide, and wound repair. 2005 , 18, 297-300	6
395	A homocysteine metabolism-related dietary pattern and the risk of coronary heart disease in two independent German study populations. 2005 , 135, 1981-8	53
394	Prevalence of hyperhomocysteinaemia, activated protein C resistance and prothrombin gene mutation in inflammatory bowel disease. 2005 , 17, 739-44	38
393	Possible involvement of NADPH oxidase and JNK in homocysteine-induced oxidative stress and apoptosis in human umbilical vein endothelial cells. 2005 , 5, 9-20	38
392	Is there a possible relation between atrophic gastritis and premature atherosclerosis?. 2005, 10, 623-9	5
391	Homocysteine induces DNA synthesis and proliferation of vascular smooth muscle cells by interfering with MAPK kinase pathway. 2005 , 24, 193-9	16
390	Possible contraindications and adverse reactions associated with the use of ocular nutritional supplements. 2005 , 25, 179-94	12
389	Kinetics of homocysteine metabolism after moderate alcohol consumption. 2005 , 29, 739-45	17
388	Normal homocysteine levels in a population of children with inflammatory bowel disease. 2005, 11, 620-1	
387	Homocysteine and cardiovascular disease: A review of current recommendations for screening and treatment. 2005 , 17, 90-95	6
386	Homocysteine and serum markers of immune activation in primary dystonia. 2005, 20, 1663-7	6
385	Plasma fibrinogen level: an independent risk factor for long-term survival in Chinese patients with peripheral artery disease?. 2005 , 29, 1263-7	2
384	Plasma homocysteine and lipoprotein (a) levels in Turkish patients with metabolic syndrome. 2005 , 20, 290-5	29
383	Intracellular S-adenosylhomocysteine increased levels are associated with DNA hypomethylation in HUVEC. 2005 , 83, 831-6	70
382	Elevated serum homocysteine levels for gouty patients. 2005 , 24, 103-6	10
381	S-adenosylhomocysteine hydrolase from the archaeon Pyrococcus furiosus: biochemical characterization and analysis of protein structure by comparative molecular modeling. 2005 , 58, 815-25	9
380	Impact of elevated plasma total homocysteine concentration on coronary atherosclerosis in Chinese patients with acute myocardial infarction undergoing primary coronary intervention. 2005 , 46, 181-93	9
	Folic acid supplementation can reduce the endothelial damage in rat brain microvasculature due to	

378 Approach to common chronic disorders of adulthood. **2005**,

377	Protective role of mast cells in homocysteine-induced cardiac remodeling. 2005 , 288, H2541-5	31
376	Cardiovascular risk in women with polycystic ovarian syndrome (PCOS). 2005 , 58, 151-4	64
375	Hyperhomocyst(e)inemia impairs angiogenesis in a murine model of limb ischemia. 2005 , 10, 15-22	22
374	Development of a novel enzymatic cycling assay for total homocysteine. 2005 , 51, 1987-9	15
373	Pathogenesis of atherosclerosis. 2005 , 2005, 436-41	64
372	Peroxynitrite causes endoplasmic reticulum stress and apoptosis in human vascular endothelium: implications in atherogenesis. 2005 , 25, 2623-9	167
371	Activation of the unfolded protein response occurs at all stages of atherosclerotic lesion development in apolipoprotein E-deficient mice. 2005 , 111, 1814-21	246
370	Clinical use and pathogenetic basis of laboratory tests for the evaluation of primary arterial hypertension. 2005 , 42, 393-452	4
369	Sustained homocysteine-lowering effect over time of folic acid-based multivitamin therapy in stroke patients despite increasing folate status in the population. 2005 , 19, 110-6	11
368	Afectaci?n card?aca en enfermedades sist?micas. 2005 , 9, 2885-2889	
367	Plasma homocysteine predicts progression of atherosclerosis. 2005 , 181, 159-65	68
366	Management of cardiovascular disease in the renal transplant recipient. 2005 , 23, 331-42	7
365	Serum homocysteine concentration of US adults associated with fortified cereal consumption. 2005 , 24, 503-9	7
364	Place of drug therapy in the treatment of carotid stenosis. 2005 , 19, 597-622	4
363	Methimazole-induced hypothyroidism paradoxically decreases homocysteine. 2005 , 54, 460-5	3
362	Impact of homocysteinemia on long-term renal transplant survival. 2005 , 37, 2784-8	1
361	Reduced serum homocysteine levels in type 2 diabetes. 2005 , 15, 118-24	35

(2006-2005)

360	Glutathione peroxidase-1 and homocysteine for cardiovascular risk prediction: results from the AtheroGene study. 2005 , 45, 1631-7	92
359	Mining literature for a comprehensive pathway analysis: a case study for retrieval of homocysteine related genes for genetic and epigenetic studies. 2006 , 5, 1	109
358	Rationale, design and baseline characteristics of a large, simple, randomized trial of combined folic acid and vitamins B6 and B12 in high-risk patients: the Heart Outcomes Prevention Evaluation (HOPE)-2 trial. 2006 , 22, 47-53	41
357	Homocysteine lowering with folic acid and B vitamins in vascular disease. 2006 , 354, 1567-77	1332
356	[Vitamins to reduce homocysteine levels and prevent cardiovascular disease: food or supplementation?]. 2006 , 127, 535-7	0
355	Allosteric modulation of dopamine D2 receptors by homocysteine. 2006 , 5, 3077-83	45
354	Associations between serum insulin and homocysteine in a Swedish population-a potential link between the metabolic syndrome and hyperhomocysteinemia: the Skaraborg project. 2006 , 55, 1007-13	41
353	A simple, convenient method to synthesize cobalamins: synthesis of homocysteinylcobalamin, N-acetylcysteinylcobalamin, 2-N-acetylamino-2-carbomethoxyethanethiolatocobalamin, sulfitocobalamin and nitrocobalamin. 2006 , 5269-77	38
352	Endoplasmic reticulum stress signaling in disease. 2006 , 86, 1133-49	75 ⁰
351	Post-interventional homocysteine levels: failure as a predictive biomarker of in-stent restenosis. 2006 , 108, 20-5	7
350	Vitamin supplements for the elderly: are they worth it?. 2006 , 2, 883-886	
349	Homocysteine- and cysteine-mediated growth defect is not associated with induction of oxidative stress response genes in yeast. 2006 , 396, 61-9	58
348	Atherosclerosis. 2006,	
347	Plasma homocysteine levels and Parkinson disease: disease progression, carotid intima-media thickness and neuropsychiatric complications. 2006 , 29, 305-11	36
346	Elevated plasma homocysteine levels in patients with isolated coronary artery ectasia. 2006, 17, 23-7	8
345	Peering through the darkened glass: success and disappointment in the management of cardiovascular risk. 2006 , 17, 615-8	
344	Testing the homocysteine hypothesis in end-stage renal disease: Problems and a possible solution. 2006 , 69, 1507-10	7
343	A mass spectrometric investigation of the binding of gold antiarthritic agents and the metabolite [Au(CN)2]- to human serum albumin. 2006 , 11, 559-70	43

342	A positive correlation between homocysteine and brachial-ankle pulse wave velocity in patients with systemic lupus erythematosus. 2006 , 25, 285-90	20
341	Influence of serum folic acid levels on plasma homocysteine concentrations in patients with rheumatoid arthritis. 2006 , 26, 191-4	6
340	Role of redox factor-1 in hyperhomocysteinemia-accelerated atherosclerosis. 2006, 41, 1566-77	51
339	Plasma total homocysteine levels in stroke patients screened for the vitamin intervention for stroke prevention clinical trial in the era of folate fortification. 2006 , 26, 45-51	3
338	Vitamin D deficiency in patients operated on for gastric lymphoma. 2006 , 41, 673-81	4
337	Therapy insight: management of cardiovascular disease in the renal transplant recipient. 2006 , 2, 514-26	13
336	Primary prevention of ischemic stroke: a guideline from the American Heart Association/American Stroke Association Stroke Council: cosponsored by the Atherosclerotic Peripheral Vascular Disease Interdisciplinary Working Group; Cardiovascular Nursing Council; Clinical Cardiology Council; Nutrition, Physical Activity, and Metabolism Council; and the Quality of Care and Outcomes	869
335	Serum sex hormone and plasma homocysteine levels in middle-aged and elderly men. 2006 , 155, 887-93	9
334	Pediatric precursors of adult cardiovascular disease: noninvasive assessment of early vascular changes in children and adolescents. 2006 , 118, 1683-91	83
333	Risk factors for progression of peripheral arterial disease in large and small vessels. 2006 , 113, 2623-9	190
332	Antioxidant activity of vitamin B6 delays homocysteine-induced atherosclerosis in rats. 2006, 95, 1088-93	48
332	Antioxidant activity of vitamin B6 delays homocysteine-induced atherosclerosis in rats. 2006 , 95, 1088-93 Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients exposed to protease inhibitors undergoing HAART. 2006 , 50, 247-52	12
	Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients	,
331	Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients exposed to protease inhibitors undergoing HAART. 2006 , 50, 247-52	12
331	Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients exposed to protease inhibitors undergoing HAART. 2006 , 50, 247-52 Role of tolcapone in the treatment of Parkinson's disease. 2007 , 7, 1649-57	12
331 330 329	Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients exposed to protease inhibitors undergoing HAART. 2006, 50, 247-52 Role of tolcapone in the treatment of Parkinson's disease. 2007, 7, 1649-57 Homocysteine and cardiovascular disease: a review of the evidence. 2007, 4, 143-50 Homocysteine levels are associated with increased risk of congestive heart failure in patients with	12 16 202
331 330 329 328	Influence of folate serum concentration on plasma homocysteine levels in HIV-positive patients exposed to protease inhibitors undergoing HAART. 2006, 50, 247-52 Role of tolcapone in the treatment of Parkinson's disease. 2007, 7, 1649-57 Homocysteine and cardiovascular disease: a review of the evidence. 2007, 4, 143-50 Homocysteine levels are associated with increased risk of congestive heart failure in patients with and without coronary artery disease. 2007, 107, 178-84 Circulating homocysteine and large arterial stiffness and thickness in a population-based sample of	12 16 202

324	A comprehensive view of sex-specific issues related to cardiovascular disease. <i>Cmaj</i> , 2007 , 176, S1-44 3.5	280
323	Homocysteine lowering interventions for preventing cardiovascular events. 2007,	3
322	Homocysteine in the prevention of ischemic heart disease, stroke and venous thromboembolism: therapeutic target or just another distraction?. 2007 , 14, 481-7	7
321	Genetically based hypertension generated through interaction of mild hypoalphalipoproteinemia and mild hyperhomocysteinemia. <i>Journal of Hypertension</i> , 2007 , 25, 1597-607	10
320	Predictive factors of hyperhomocysteinemia in HIV-positive patients. 2007, 44, 117-9	11
319	Can B vitamin therapy help to prevent future vascular events?. 2007 , 20, 52, 55	
318	Vitamin B6 suppresses apoptosis of NM-1 bovine endothelial cells induced by homocysteine and copper. 2007 , 1770, 571-7	20
317	Protective effect of hydrogen sulfide on balloon injury-induced neointima hyperplasia in rat carotid arteries. 2007 , 170, 1406-14	116
316	Homocysteine and glutathione peroxidase-1. 2007 , 9, 1923-40	42
315	Iperomocisteinemia e rischio cardiovascolare nel diabete: fantasia o realt〗. 2007 , 8, 19-29	
314	Hyperhomocysteinemia in winter elite athletes: a longitudinal study. 2007 , 30, 367-75	6
314	Hyperhomocysteinemia in winter elite athletes: a longitudinal study. 2007 , 30, 367-75 [Assessment of risk factors for retinal vein occlusions in patients under 60 years of age]. 2007 , 30, 918-23	6
313	[Assessment of risk factors for retinal vein occlusions in patients under 60 years of age]. 2007, 30, 918-23 Correlation of hyperhomocysteinaemia and Chlamydia pneumoniae IgG seropositivity with	15
313	[Assessment of risk factors for retinal vein occlusions in patients under 60 years of age]. 2007, 30, 918-23 Correlation of hyperhomocysteinaemia and Chlamydia pneumoniae IgG seropositivity with coronary artery disease in a general population. 2007, 16, 416-22	15
313 312 311	[Assessment of risk factors for retinal vein occlusions in patients under 60 years of age]. 2007, 30, 918-23 Correlation of hyperhomocysteinaemia and Chlamydia pneumoniae IgG seropositivity with coronary artery disease in a general population. 2007, 16, 416-22 A Case of Pulmonary Thromboembolism in a Patient with Hyperhomocysteinemia. 2007, 62, 211 Dysfunction of endothelial NO system originated from homocysteine-induced aberrant	15
313 312 311 310	[Assessment of risk factors for retinal vein occlusions in patients under 60 years of age]. 2007, 30, 918-23 Correlation of hyperhomocysteinaemia and Chlamydia pneumoniae IgG seropositivity with coronary artery disease in a general population. 2007, 16, 416-22 A Case of Pulmonary Thromboembolism in a Patient with Hyperhomocysteinemia. 2007, 62, 211 Dysfunction of endothelial NO system originated from homocysteine-induced aberrant methylation pattern in promoter region of DDAH2 gene. 2007, 120, 2132-2137 Quantification of intracellular homocysteine by stable isotope dilution liquid	15 4 1 28

306	Osmoadaptation of haloalkaliphilic bacteria: Role of osmoregulators and their possible practical application. 2007 , 76, 511-522	27
305	Nutritional determinants of plasma total homocysteine distribution in the Canary Islands. 2007 , 61, 111-8	12
304	Pharmacological prevention of atherothrombotic events in patients with peripheral arterial disease. 2007 , 37, 157-64	10
303	Homocysteine threshold value based on cystathionine beta synthase and paraoxonase 1 activities in mice. 2007 , 37, 933-8	16
302	Differences in Mexican American and Non-Hispanic White veterans' homocysteine levels. 2007 , 39, 235-42	5
301	Safety considerations with fibrate therapy. 2007 , 99, 3C-18C	279
300	Effects of metformin or rosiglitazone on serum concentrations of homocysteine, folate, and vitamin B12 in patients with type 2 diabetes mellitus. 2007 , 21, 118-23	93
299	Relation between plasma homocysteine, gene polymorphisms of homocysteine metabolism-related enzymes, and angiographically proven coronary artery disease. 2007 , 18, 474-83	27
298	The influence of estimated creatinine clearance on plasma homocysteine in hypertensive patients with normal serum creatinine. 2007 , 40, 230-4	10
297	Association of polymorphism in the thermolabile 5, 10-methylene tetrahydrofolate reductase gene and hyperhomocysteinemia with coronary artery disease. 2008 , 310, 111-7	32
296	Hyperhomocysteinemia in ankylosing spondylitis: prevalence and association with clinical variables. 2008 , 28, 1223-8	9
295	Einfluss von Alkohol auf Homocystein-Metabolismus und Epigenetik. 2008 , 2, 44-49	
294	Predication of increased plasma homocysteine level on the prognosis of Chinese patients with first-onset ischemic stroke. 2008 , 2, 352-355	
293	Factors associated with serum total homocysteine level in type 2 diabetes. 2008 , 13, 148-55	13
292	High-throughput multiplex single-nucleotide polymorphism (SNP) analysis in genes involved in methionine metabolism. 2008 , 46, 406-23	7
291	Are survivors of acute lymphoblastic leukemia (ALL) at increased risk of cardiovascular disease?. 2008 , 50, 462-7; discussion 468	71
290	Intercellular adhesion molecule-1 (ICAM-1) expression is necessary for monocyte adhesion to the placental bed endothelium and is increased in type 1 diabetic human pregnancy. 2008 , 24, 294-300	6
289	Growing old with epilepsy: the neglected issue of cognitive and brain health in aging and elder persons with chronic epilepsy. 2008 , 49, 731-40	52

(2008-2008)

288	Exploratory study of plasma total homocysteine and its relationship to short-term outcome in acute ischaemic stroke in Nigerians. 2008 , 8, 26	20
287	Prognostic value of free plasma homocysteine levels in patients hospitalized with acute coronary syndrome. 2008 , 102, 135-9	19
286	Increased homocysteine-induced release of excitatory amino acids in the striatum of spontaneously hypertensive stroke-prone rats. 2008 , 1226, 192-8	6
285	The value of lipoprotein (a), homocysteine, and Doppler of carotid and femoral arteries in assessment of atherosclerosis in asymptomatic cardiovascular risk patients. 2008 , 52, 202-11	18
284	The incidence of arterial thromboembolic diseases in inflammatory bowel disease: a population-based study. 2008 , 6, 41-5	168
283	Methylenetetrahydrofolate reductase gene, homocysteine and coronary artery disease: the A1298C polymorphism does matter. Inferences from a case study (Madeira, Portugal). 2008 , 122, 648-56	18
282	Cystathionine beta synthase deficiency induces catalase-mediated hydrogen peroxide detoxification in mice liver. 2008 , 1782, 482-8	10
281	Non-fasting plasma total homocysteine reference interval using the Vitros homocysteine assay standardized against NIST SRM 1955. 2008 , 388, 225-7	
280	Endothelial dysfunction: from molecular mechanisms to measurement, clinical implications, and therapeutic opportunities. 2008 , 10, 1631-74	131
279	Association between plasma thiols and immune activation marker neopterin in stable coronary heart disease. 2008 , 46, 648-54	4
278	Waist-to-hip ratio correlates with homocysteine levels in male patients with coronary artery disease. 2008 , 46, 125-30	10
277	Pre-operative homocysteine levels and morbidity and mortality following cardiac surgery. 2009 , 30, 995-1004	12
276	Homocyst(e)ine, folate, and vitamin B12 status in a cohort of Welsh young people aged 12-13 years old. 2008 , 16, 233-43	4
275	Hyperhomocysteinemia induced by methionine supplementation does not independently cause atherosclerosis in C57BL/6J mice. 2008 , 22, 2569-78	36
274	Correlations between plasma homocysteine and folate concentrations and carotid atherosclerosis in high-risk individuals: baseline data from the Homocysteine and Atherosclerosis Reduction Trial (HART). 2008 , 13, 245-53	26
273	Mechanisms and potential therapeutic targets for folic acid in cardiovascular disease. 2008 , 294, H1971-7	75
272	Cardiovascular Disorders. 2008, 317-359	11
271	Atherothrombotic disease and the role of antiplatelet therapy in women. 2008 , 17, 35-46	4

69

Nutritional Determinants of Plasma Homocysteine: Implications for Risk of Cardiovascular Disease. 270 2008, 40-47 Marcadores de riesgo cardiovascular en escolares de cinco departamentos de la regiñ oriental en 269 Colombia. 2008, 28, 38 [Hyperhomocysteinemia and cardiometabolic risk]. 2009, 53, 540-9 268 11 Use of Framingham risk score and new biomarkers to predict cardiovascular mortality in older 267 234 people: population based observational cohort study. 2009, 338, a3083 Plasma total homocysteine level and methylenetetrahydrofolate reductase 677C>T genetic 266 16 polymorphism in Japanese patients with rheumatoid arthritis. 2009, 14, 49-54 The need to test the theories behind the Polypill: rationale behind the Indian Polycap Study. 2009, 265 12 6,96-7 Regulation of homocysteine homeostasis through the transcriptional coactivator PGC-1alpha. 2009 264 11 , 296, E543-8 Effect of the MTHFR C677T and A1298C polymorphisms on survival in patients with advanced CKD 16 263 and ESRD: a prospective study. 2009, 53, 779-89 Changes in the physical structure and chain dynamics of elastin network in homocysteine-cultured 262 4 arteries. 2010, 93, 696-703 261 Voorspellen van cardiovasculaire mortaliteit bij oudste ouderen. 2009, 52, 631-638 Serum homocysteine level in patients with ankylosing spondylitis. 2009, 29, 1435-9 260 19 Cardiovascular disease and classic cardiovascular risk factors in patients with psoriasis. 2009, 48, 1147-56 259 30 Dietary intake and status of folate and vitamin B12 and their association with homocysteine and 258 82 cardiovascular disease in European populations. 2009, 63, 18-30 C-reactive protein but not soluble CD40 ligand and homocysteine is associated to common 257 27 atherosclerotic risk factors in a cohort of coronary artery disease patients. 2009, 42, 1713-8 Capillary electrophoresis in the evaluation of aminothiols in body fluids. 2009, 877, 3347-57 256 47 Effects of red wine polyphenolic compounds on paraoxonase-1 and lectin-like oxidized low-density 46 255 lipoprotein receptor-1 in hyperhomocysteinemic mice. 2009, 20, 586-96 Contributions of hyperhomocysteinemia to atherosclerosis: Causal relationship and potential 254 96 mechanisms. 2009, 35, 120-9 Inherited thrombophilia and preeclampsia within a multicenter cohort: the Montreal Preeclampsia

Study. 2009, 200, 151.e1-9; discussion e1-5

253

(2010-2009)

252	Are plasma homocysteine and methionine elevated when binging and purging behavior complicates anorexia nervosa? Evidence against the transdiagnostic theory of eating disorders. 2009, 14, e184-9	5
251	The metabolic syndrome is not associated with homocysteinemia: the Persian Gulf Healthy Heart Study. 2009 , 32, 406-10	13
250	Homocysteine lowering interventions for preventing cardiovascular events. 2009, CD006612	66
249	Plasma homocysteine level and left ventricular thrombus formation in acute anterior myocardial infarction patients following thrombolytic therapy with t-PA. 2009 , 124, 65-9	3
248	Effects of cyclosporine-tacrolimus switching in posttransplantation hyperlipidemia on high-density lipoprotein 2/3, lipoprotein a1/b, and other lipid parameters. 2009 , 41, 4181-3	11
247	Serum folate is a reliable indicator of hyperhomocysteinemia and borderline hyperhomocysteinemia in young adults. 2009 , 29, 743-9	7
246	Calpain activation is required for homocysteine-mediated hepatic degradation of inhibitor I kappa B alpha. 2009 , 97, 114-20	14
245	Polygenic association with total homocysteine in the post-folic acid fortification era: the CARDIA study. 2009 , 98, 181-6	13
244	Influence of homocysteine on the physical structure and molecular mobility of elastin network in cultured arteries. 2009 , 355, 830-835	
243	Homocystine levels, polymorphisms and the risk of ischemic stroke in young Asian Indians. 2009 , 18, 103-10	30
242	Chronic hyperhomocysteinemia alters antioxidant defenses and increases DNA damage in brain and blood of rats: protective effect of folic acid. 2009 , 54, 7-13	69
241	Hypermethylation of estrogen receptor-alpha gene in atheromatosis patients and its correlation with homocysteine. 2009 , 16, 259-65	36
240	Beer and health. 2009 , 229-253	3
239	Effect of bioactive compounds of table beet cultivars on alimentary induced fatty livers of rats. 2009 , 38, 267-280	7
238	Interventions for lowering plasma homocysteine levels in dialysis patients. 2009,	2
237	Countervailing vascular effects of rosiglitazone in high cardiovascular risk mice: role of oxidative stress and PRMT-1. 2010 , 118, 583-92	14
236	Regulation of redox forms of plasma thiols by albumin in multiple sclerosis after fasting and methionine loading test. 2010 , 38, 1461-71	21
235	Chronic hyperhomocysteinemia impairs vascular function in ovariectomized rat carotid arteries. 2010 , 38, 1515-22	12

234	Elevated homocysteine and C-reactive protein levels independently predict worsening prognosis after stroke in Chinese patients. 2010 , 30, 643-7	9
233	Homocysteine modulates the proteolytic potential of human arterial smooth muscle cells through a reactive oxygen species dependant mechanism. 2010 , 335, 203-10	34
232	Role of methylenetetrahydrofolate reductase gene polymorphisms (C677T, A1298C, and G1793A) in the development of early onset vasculogenic erectile dysfunction. 2010 , 41, 410-22	12
231	Long-term cyclosporine treatment in non-transplanted rats and metabolic risk factors of vascular diseases. 2010 , 185, 53-8	7
230	Treatment of erectile dysfunction due to C677T mutation of the MTHFR gene with vitamin B6 and folic acid in patients non responders to PDE5i. 2010 , 7, 216-23	14
229	Relationship of serum homocysteine and high sensitivity C-reactive protein in elderly people with essential hypertension. 2010 , 64, 1318-9	3
228	Increased levels of homocysteine in patients with ulcerative colitis. 2010 , 16, 2411-6	15
227	Nontraditional risk factors in carotid artery disease. 2010 , 16, 554-8	5
226	Serum homocysteine and folate concentrations are associated with prevalent age-related hearing loss. 2010 , 140, 1469-74	24
225	Optimization of folate deposition in eggs through dietary supplementation of folic acid over the entire production cycle of Hy-Line W36, Hy-Line W98, and CV20 laying hens. 2010 , 19, 80-91	19
224	Effectiveness of B vitamins on the control of hypertension and stroke events of SHRSP rats. 2010 , 7, 71-7	4
223	Folic acid mitigated cardiac dysfunction by normalizing the levels of tissue inhibitor of metalloproteinase and homocysteine-metabolizing enzymes postmyocardial infarction in mice. 2010 , 299, H1484-93	20
222	Homocysteine, vitamin B12 and folate levels in Iranian patients with ischemic stroke. 2010 , 32, 953-6	7
221	Vitamin B-12 status is not associated with plasma homocysteine in parents and their preschool children: lacto-ovo, lacto, and ovo vegetarians and omnivores. 2010 , 29, 7-13	8
220	Hiperhomocisteinemia. Panorama actual y contribucifi del ratfi a su estudio. 2010 , 22, 200-219	
219	Cysteinemia, rather than homocysteinemia, is associated with plasma apolipoprotein A-I levels in hyperhomocysteinemia: lipid metabolism in cystathionine beta-synthase deficiency. 2010 , 212, 268-73	11
218	Modulation of homocysteine toxicity by S-nitrosothiol formation: a mechanistic approach. 2010 , 114, 9894-904	9
217	Use of proton pump inhibitors is not associated with Vitamin B12 deficiency and in older hospital patients: A case control study. 2011 , 2, 253-255	8

	Association between adherence to folic acid supplements and serum folate, and plasma homocysteine among hemodialysis patients. 2011 , 21, 246-56	5
215	Interaction of folate intake and the paraoxonase Q192R polymorphism with risk of incident coronary heart disease and ischemic stroke: the atherosclerosis risk in communities study. 2011 , 21, 815-23	16
214	Methionine diet-induced hyperhomocysteinemia accelerates cerebral aneurysm formation in rats. 2011 , 494, 139-44	22
213	Immunologic characteristics of preeclampsia, a comprehensive review. 2011 , 65, 377-94	79
212	Evaluation of mild hyperhomocysteinemia during the development of atherosclerosis in apolipoprotein E-deficient and normal mice. 2011 , 90, 45-50	13
211	Homocysteine and asymmetric dimethylarginine in relation to B vitamins in elderly people. 2011 , 123, 496-501	6
210	Association between plasma homocysteine and microalbuminuria in persons without hypertension, diabetes mellitus, and cardiovascular disease. 2011 , 15, 92-9	12
209	Homocysteine induces oxidative-nitrative stress in heart of rats: prevention by folic acid. 2011 , 11, 67-73	58
208	An amperometric biosensor array for precise determination of homocysteine. 2011 , 152, 94-98	4
207	Mechanisms of cardiovascular remodeling in hyperhomocysteinemia. 2011 , 15, 1927-43	124
206	Induction of the unfolded protein response after monocyte to macrophage differentiation augments cell survival in early atherosclerotic lesions. 2011 , 25, 576-89	38
206		38
	augments cell survival in early atherosclerotic lesions. 2011 , 25, 576-89 Maternal and cord blood homocysteine and folic acid levels in smoking and nonsmoking pregnant	
205	augments cell survival in early atherosclerotic lesions. 2011 , 25, 576-89 Maternal and cord blood homocysteine and folic acid levels in smoking and nonsmoking pregnant women. 2011 , 71, 245-9	10
205	augments cell survival in early atherosclerotic lesions. 2011 , 25, 576-89 Maternal and cord blood homocysteine and folic acid levels in smoking and nonsmoking pregnant women. 2011 , 71, 245-9 Hydrogen sulfide in the pathogenesis of atherosclerosis and its therapeutic potential. 2011 , 4, 97-108	10 45
205	augments cell survival in early atherosclerotic lesions. 2011, 25, 576-89 Maternal and cord blood homocysteine and folic acid levels in smoking and nonsmoking pregnant women. 2011, 71, 245-9 Hydrogen sulfide in the pathogenesis of atherosclerosis and its therapeutic potential. 2011, 4, 97-108 Vitamin B6 and cardiovascular disease. 2012, 56, 265-90	10 45 17
205204203202	augments cell survival in early atherosclerotic lesions. 2011, 25, 576-89 Maternal and cord blood homocysteine and folic acid levels in smoking and nonsmoking pregnant women. 2011, 71, 245-9 Hydrogen sulfide in the pathogenesis of atherosclerosis and its therapeutic potential. 2011, 4, 97-108 Vitamin B6 and cardiovascular disease. 2012, 56, 265-90 The endoplasmic reticulum stress response in aging and age-related diseases. 2012, 3, 263 Methylenetetrahydrofolate reductase (MTHFR) polymorphism A1298C (Glu429Ala) predicts decline in renal function over time in the African-American Study of Kidney Disease and Hypertension	10 45 17 236

198	A natural squamosamide derivative FLZ inhibits homocysteine-induced rat brain microvascular endothelial cells dysfunction. 2012 , 417, 1176-81	4
197	Homocysteine-lowering therapy does not lead to reduction in cardiovascular outcomes in chronic kidney disease patients: a meta-analysis of randomised, controlled trials. 2012 , 108, 400-7	26
196	Vitamins and Minerals. 2012 , 217-236	
195	A silica nanoparticle-based sensor for selective fluorescent detection of homocysteine via interaction differences between thiols and particle-surface-bound polymers. 2012 , 23, 305503	20
194	Estimated Creatinine Clearance, Homocysteine and High Sensitivity-C-Reactive Protein Levels Determination for Early Prediction of Nephropathy and Atherosclerosis Risk In Type 2 Diabetic Patients. 2012 , 27, 239-45	5
193	Relationship between homocysteine and non-dipper pattern in patients with type 2 diabetes mellitus. 2012 , 56, 285-90	3
192	Integrated stress response modulates cellular redox state via induction of cystathionine Elyase: cross-talk between integrated stress response and thiol metabolism. 2012 , 287, 7603-14	77
191	Disturbed one-carbon metabolism causing adverse reproductive outcomes in mice is associated with altered expression of apolipoprotein AI and inflammatory mediators PPAR∄interferon-∏and interleukin-10. 2012 , 142, 411-8	16
190	Fast analysis of wine for total homocysteine content by high-performance liquid chromatography. 2012 , 42, 247-51	6
189	Creatine kinase MM TaqI and methylenetetrahydrofolate reductase C677T and A1298C gene polymorphisms influence exercise-induced C-reactive protein levels. 2012 , 112, 941-50	9
188	Creatine kinase MM TaqI and methylenetetrahydrofolate reductase C677T and A1298C gene polymorphisms influence exercise-induced C-reactive protein levels. 2012 , 112, 183-92	3
187	Association of methylenetetrahydrofolate reductase gene 677C>T polymorphism with hypertension in older women in a population of Buenos Aires City. 2013 , 35, 159-66	8
186	Pharmacologic management of chronic reno-cardiac syndrome. 2013 , 10, 54-62	11
185	Hydrogen sulfide attenuates neurodegeneration and neurovascular dysfunction induced by intracerebral-administered homocysteine in mice. 2013 , 252, 302-19	108
184	Nutritional genetics: the case of alcohol and the MTHFR C677T polymorphism in relation to homocysteine in a black South African population. 2013 , 6, 61-72	7
183	Lighting up cysteine and homocysteine in sequence based on the kinetic difference of the cyclization/addition reaction. 2013 , 11, 7721-8	14
182	S-linked protein homocysteinylation: identifying targets based on structural, physicochemical and protein-protein interactions of homocysteinylated proteins. 2013 , 44, 1307-16	6
181	Folic acid and vitamin B(12) supplementation lowers plasma homocysteine but has no effect on serum bone turnover markers in elderly women: a randomized, double-blind, placebo-controlled trial. 2013 , 33, 211-9	26

La homocisteinemia materna como factor asociado al aborto espontileo. **2013**, 56, 181-189

179	Oral contraceptive plus antiandrogen therapy and cardiometabolic risk in polycystic ovary syndrome. 2013 , 78, 120-5	29
178	Homocysteine-lowering interventions for preventing cardiovascular events. 2013, CD006612	48
177	The UPR in atherosclerosis. 2013 , 35, 321-32	86
176	Induction of hyperhomocysteinemia models vascular dementia by induction of cerebral microhemorrhages and neuroinflammation. 2013 , 33, 708-15	105
175	Plant-based foods as a source of lipotropes for human nutrition: a survey of in vivo studies. 2013 , 53, 535-90	32
174	L-carnitine consumption, its metabolism by intestinal microbiota, and cardiovascular health. 2013 , 88, 786-9	12
173	Assessment of plasma aminothiol levels and the association with recurrent atherothrombotic events in patients hospitalized for an acute coronary syndrome: a prospective study. 2013 , 51, 2187-93	8
172	Low dietary folate and methylenetetrahydrofolate reductase deficiency may lead to pregnancy complications through modulation of ApoAI and IFN-IIn spleen and placenta, and through reduction of methylation potential. 2013 , 57, 661-70	21
171	Relationship of fasting total homocysteine, high sensitivity C-reactive protein and features of the metabolic syndrome in Trinidadian subjects. 2013 , 119, 22-6	2
170	Intake of specific nutrients and foods and hearing level measured 13 years later. 2013, 109, 2079-88	26
169	Antidepressant-like effects of lycii radicis cortex and betaine in the forced swimming test in rats. 2013 , 21, 79-83	22
168	The differences in homocysteine level between obstructive sleep apnea patients and controls: a meta-analysis. 2014 , 9, e95794	12
167	Guanxinkang Decoction Exerts Its Antiatherosclerotic Effect Partly through Inhibiting the Endoplasmic Reticulum Stress. 2014 , 2014, 465640	5
166	Cardiovascular co-morbidity in chronic kidney disease: Current knowledge and future research needs. 2014 , 3, 156-68	53
165	Neutral aminoaciduria in cystathionine Esynthase-deficient mice; an animal model of homocystinuria. 2014 , 306, F1462-76	12
164	Hyperhomocysteinemia accelerates collagen accumulation in the adventitia of balloon-injured rat carotid arteries via angiotensin II type 1 receptor. 2014 , 15, 19487-98	10
163	New and emerging risk factors for coronary heart disease. 2014 , 347, 151-8	31

162	The endothelial ADMA/NO pathway in hypoxia-related chronic respiratory diseases. 2014 , 2014, 501612	23
161	Immune changes and neurotransmitters: possible interactions in depression?. 2014 , 48, 268-76	80
160	The control of hyperhomocysteinemia through thiol exchange mechanisms by mesna. 2014 , 46, 429-39	5
159	Effect of continuous positive airway pressure on homocysteine levels in patients with obstructive sleep apnea: a meta-analysis. 2014 , 18, 687-94	6
158	CVD risk factors are related to plasma fibrin clot properties independent of total and or Ill fibrinogen concentration. 2014 , 134, 963-9	13
157	The relationship of lipoprotein(a), C-reactive protein and homocysteine with metabolic syndrome in South Asians. 2014 , 4, 208-213	
156	A prospective cohort study of stroke mortality and arsenic in drinking water in Bangladeshi adults. 2014 , 14, 174	23
155	Role of telomere length in interindividual variation in cardiovascular protection in hypertensive patients. 2014 , 78, 1828-9	1
154	Functional Outcome After Lower Limb Amputation: Is Hyperhomocysteinemia a Predictive Factor?: An Observational Study. 2015 , 94, e2167	
153	Role of Th1 and Th17 cells in the development and complexity of coronary artery disease: comparison analysis by the methods of flow cytometry and SYNTAX score. 2015 , 26, 604-11	9
152	Homocysteine influences blood clot properties alone and in combination with total fibrinogen but not with fibrinogen []in Africans. 2015 , 26, 389-95	4
151	The Relationship between Uric Acid and Homocysteine Levels based on Alcohol-related Facial Flushing. 2015 , 15, 91	
150	Dietary Patterns, Alcohol Consumption and Risk of Coronary Heart Disease in Adults: A Meta-Analysis. 2015 , 7, 6582-605	32
149	Fibrates: Risk Benefits and Role in Treating Dyslipidemias. 2015 , 423-438	
148	Hyperhomocysteinemia as an Early Predictor of Erectile Dysfunction: International Index of Erectile Function (IIEF) and Penile Doppler Ultrasound Correlation With Plasma Levels of Homocysteine. 2015 , 94, e1556	21
147	Homocysteine-lowering interventions for preventing cardiovascular events. 2015 , 1, CD006612	81
146	A Fractal Analysis of the Detection of Biomarkers for Different Diseases on Biosensor Surfaces. 2015 , 597-652	
145	Sodium hydrosulfide attenuates hyperhomocysteinemia rat myocardial injury through cardiac mitochondrial protection. 2015 , 399, 189-200	14

(2017-2015)

144	frontal cortex. 2015 , 292, 36-43	17
143	Association between MTHFR C677T polymorphism and congenital heart disease. A family-based meta-analysis. 2015 , 40 Suppl 2, 160-7	14
142	Acute hyperlipidemia but not hyperhomocysteinemia impairs reflex regulation of the cardiovascular system. 2015 , 18, 8-15	9
141	The Effect of Serum 25-Hydroxyvitamin D on Elevated Homocysteine Concentrations in Participants of a Preventive Health Program. 2016 , 11, e0161368	11
140	The Effect of Hyperhomocysteinemia on Motor Symptoms, Cognitive Status, and Vascular Risk in Patients with Parkinson's Disease. 2016 , 2016, 1589747	8
139	Effects of Polyphenol, Measured by a Biomarker of Total Polyphenols in Urine, on Cardiovascular Risk Factors After a Long-Term Follow-Up in the PREDIMED Study. 2016 , 2016, 2572606	50
138	Correlation Between Hyperhomocysteinemia and Outcomes of Patients With Acute Myocardial Infarction. 2016 , 23, e1464-e1468	12
137	Reduced Efficacy of Anti-Allmmunotherapy in a Mouse Model of Amyloid Deposition and Vascular Cognitive Impairment Comorbidity. 2016 , 36, 9896-907	22
136	High homocysteine levels prevent via H2 S the CoCl2 -induced alteration of lymphocyte viability. 2016 , 20, 1411-9	11
135	No association between elevated homocysteine levels and carotid atherosclerosis in a rural population in China. 2016 , 1, 154-160	3
134	Interventions for lowering plasma homocysteine levels in dialysis patients. 2016, CD004683	14
133	Homocysteinemia control by cysteine in cerebral vascular patients after methionine loading test: evidences in physiological and pathological conditions in cerebro-vascular and multiple sclerosis patients. 2016 , 48, 1477-89	4
132	Caspase-1 Inflammasome Activation Mediates Homocysteine-Induced Pyrop-Apoptosis in Endothelial Cells. 2016 , 118, 1525-39	122
131	Is there a causal role for homocysteine concentration in blood pressure? A Mendelian randomization study. 2016 , 103, 39-49	24
130	1,25-Dihydroxyvitamin D prevents deleterious effects of homocysteine on mitochondrial function and redox status in heart slices. 2017 , 38, 52-63	14
129	Tailoring protein nanomechanics with chemical reactivity. 2017 , 8, 15658	18
128	Long-term risks of kidney living donation: review and position paper by the ERA-EDTA DESCARTES working group. 2017 , 32, 216-223	47
127	Homocysteine-lowering interventions for preventing cardiovascular events. 2017 , 8, CD006612	76

Hyperhomocysteinemia-Induced Gene Expression Changes in the Cell Types of the Brain. **2017**, 9, 1759091417742296

125	Interactions between lifestyle and MTHFR polymorphisms on homocysteine concentrations in young adults belonging to the 1982 Pelotas Birth Cohort. 2017 , 71, 259-266	7
124	The role of vitamins in the diet of the elderly II. Water-soluble vitamins. 2017 , 10, 146-166	2
123	A Meta-Analysis of Folic Acid in Combination with Anti-Hypertension Drugs in Patients with Hypertension and Hyperhomocysteinemia. 2017 , 8, 585	29
122	No Association between Elevated Total Homocysteine Levels and Functional Outcome in Elderly Patients with Acute Cerebral Infarction. 2017 , 9, 70	9
121	Analytic Approaches for the Treatment of Hyperhomocysteinemia and Its Impact on Vascular Disease. 2018 , 32, 233-240	15
120	The effects of folate supplementation on lipid profiles among patients with metabolic diseases: A systematic review and meta-analysis of randomized controlled trials. 2018 , 12, 423-430	2
119	Link between Homocysteine and Cardiovascular Diseases. 2018 , 4, 1-9	5
118	GSNOR modulates hyperhomocysteinemia-induced T cell activation and atherosclerosis by switching Akt S-nitrosylation to phosphorylation. 2018 , 17, 386-399	14
117	Novel 7-maleimido-2(1H)-quinolones as potential fluorescent sensors for the detection of sulphydryl groups. 2018 , 134, 148-155	5
116	Hyperhomocysteinemia as a Risk Factor for Vascular Contributions to Cognitive Impairment and Dementia. 2018 , 10, 350	54
115	Association of total homocysteine with blood pressure in a general population of Chinese adults: a cross-sectional study in Jiangsu province, China. 2018 , 8, e021103	12
114	Do DMARDs and biologic agents protect from cardiovascular disease in patients with inflammatory arthropathies?. 2019 , 18, 102401	5
113	Association between homocysteine, vitamin B , folic acid and erectile dysfunction: a cross-sectional study in China. 2019 , 9, e023003	4
112	Hydrolysis of homocysteine thiolactone results in the formation of Protein-Cys-S-S-homocysteinylation. 2019 , 87, 625-634	6
111	A prospective observational study of on-treatment plasma homocysteine levels as a biomarker of toxicity, depression and vitamin supplementation lead-in time pre pemetrexed, in patients with non-small cell lung cancer and malignant mesothelioma. 2019 , 14, e0225509	
110	The effect of folic acid in patients with cardiovascular disease: A systematic review and meta-analysis. 2019 , 98, e17095	20
109	Relationship between serum homocysteine levels and long-term outcomes in patients with ST-segment elevation myocardial infarction. 2019 , 132, 1028-1036	3

108	Potassium triiodide-quenched gold nanocluster as a fluorescent turn-on probe for sensing cysteine/homocysteine in human serum. 2019 , 411, 997-1007	11
107	Spontaneous Release of Human Serum Albumin S-Bound Homocysteine in a Thiol-Free Physiological Medium. 2019 , 25, 187-194	1
106	Association between homocysteine and obesity: A meta-analysis. 2021 , 14, 208-217	8
105	Metabolic Consequences of Supplemented Methionine in a Clinical Context. 2020 , 150, 2538S-2547S	2
104	Effect of Moxibustion on Hyperhomocysteinemia and Oxidative Stress Induced by High-Methionine Diet. 2020 , 2020, 3184785	2
103	Memantine Protects From Exacerbation of Ischemic Stroke and Blood Brain Barrier Disruption in Mild But Not Severe Hyperhomocysteinemia. 2020 , 9, e013368	11
102	The Effects of B-Vitamins, Dietary Bioactive Agents and Functional Foods on Hyperhomocysteinemia. 2021 , 225-241	
101	Role of pyroptosis in atherosclerosis and its therapeutic implications. 2021 , 236, 7159-7175	10
100	Homocysteine induced a calcium-mediated disruption of mitochondrial function and dynamics in endothelial cells. 2021 , 35, e22737	3
99	Cardiovascular manifestations of intermediate and major hyperhomocysteinemia due to vitamin B12 and folate deficiency and/or inherited disorders of one-carbon metabolism: a 3.5-year retrospective cross-sectional study of consecutive patients. 2021 , 113, 1157-1167	4
98	A Mendelian Randomization Study of Plasma Homocysteine Levels and Cerebrovascular and Neurodegenerative Diseases. 2021 , 12, 653032	2
97	Reactive astrocytes: The nexus of pathological and clinical hallmarks of Alzheimer's disease. 2021 , 68, 101335	15
96	Point-of-Care Ultrasonography Saves the Day in Dilated Cardiomyopathy: A Rare Presentation of Hyperhomocysteinemia. 2021 , 13, e16699	
95	The interaction of hypertension and homocysteine increases the risk of mortality among middle-aged and older population in the United States. <i>Journal of Hypertension</i> , 2021 ,	2
94	Drug-Nutrient Interactions in the Elderly. 2004, 363-410	1
93	Inflammation, not hyperhomocysteinemia, is related to oxidative stress and hemostatic and endothelial dysfunction in uremia. 2001 , 60, 1844-1850	80
92	Homocysteinaemia in HIV-infected patients treated with highly active antiretroviral therapy. 2001 , 15, 1081-2	30
91	Treatment of hyperhomocysteinemia with folic acid reduces oxidative stress in renal transplant recipients. 2002 , 73, 663-5	17

90	Homocysteine and Beh⊞t disease. 2003 , 9, 65-6	2
89	Coronary artery disease: Part 1. Epidemiology and diagnosis. 2001 , 174, 257-61	14
88	Hyperhomocysteinemia enhances vascular inflammation and accelerates atherosclerosis in a murine model. 2001 , 107, 675-83	381
87	Hyperhomocysteinemia and function of the endoplasmic reticulum. 2001 , 107, 1221-2	22
86	Vitamin Disorders. 2007 , 137-178	3
85	Effect of folic acid supplementation on cardiovascular outcomes: a systematic review and meta-analysis. 2011 , 6, e25142	52
84	Association between B vitamins supplementation and risk of cardiovascular outcomes: a cumulative meta-analysis of randomized controlled trials. 2014 , 9, e107060	20
83	Value and level of plasma homocysteine in patients with angina pectoris undergoing coronary angiographic study. 2011 , 52, 280-5	4
82	Coronary heart disease in chronic renal insufficiency: some management considerations. 2000 , 11, 1948-1956	24
81	Recommendations for the Outpatient Surveillance of Renal Transplant Recipients. 2000 , 11, S1-S86	431
80	The kidney and homocysteine metabolism. 2001 , 12, 2181-2189	183
79	[Ischemic stroke in young adults]. 2017 , 117, 3-12	13
78	Effect of zinc supplementation on serum homocysteine in type 2 diabetic patients with microalbuminuria. 2009 , 6, 64-70	25
77	Vitamins in aging, health, and longevity. 2006 , 1, 81-91	44
76	Homocysteine and Hyperhomocysteinaemia. 2019 , 26, 2948-2961	69
75	Non-Traditional Cardiovascular Risk Markers in the Era of Established Major Risk Factors and Multiple Guidelines. 2019 , 17, 270-277	2
74	Plasma Homocysteine and Lipoprotein (A) Levels in Patients with Metabolic Syndrome. <i>Electronic Journal of General Medicine</i> , 2004 , 1,	3
73	Hyperhomocysteinemia and Cardiovascular Disorders: Is There a Correlation?. 2007 , 2, 160-166	10

72	S-Adenosylmethionine (SAMe) for Depression. 2002 , 32, 29-44		4
71	Evaluation of N-terminal pro-B-type natriuretic peptide and high-sensitivity C-reactive protein relationship with features of metabolic syndrome in high-risk subgroups for cardiovascular disease. 2015 , 5, 190-4		3
70	Cardiovascular risk factors in noise-exposed workers in china: Small area study. 2017 , 19, 245-253		6
69	Hyperhomocyst(e)inemia and Thrombophilia. 2002, 126, 1367-75		55
68	A folate-rich diet is as effective as folic acid from supplements in decreasing plasma homocysteine concentrations. 2005 , 2, 58-63		15
67	Homocyst(e)ine and cardiovascular disease. Annals of Internal Medicine, 2000, 132, 676	8	2
66	Nonfasting Plasma Total Homocysteine Level and Mortality. <i>Annals of Internal Medicine</i> , 2000 , 132, 760	8	
65	High-normal serum homocysteine concentrations are associated with an increased risk of early atherosclerotic carotid artery wall lesions. <i>Journal of Hypertension</i> , 2000 , 18, 1524-1525	1.9	
64	Whole Grains, Cereal Fiber, and Chronic Diseases. 2001 , 481-497		
63	Alternative Therapy: Vitamin Use in the Elderly. 2003 , 91-109		
62	ErnBrung bei Herz-Kreislauf-Krankheiten. 2003 , 564-581		
61	References. 2003,		
60	Vitamin B-Complex, Methylenetetrahydrofolate Reductase Polymorphism and Bone. 2004 , 127-138		
59	Long-Term Medical Management of Ischemic Stroke and Transient Ischemic Attack Due to Arterial Disease. 2004 , 1129-1150		
58	Herz, Gef ē , Lunge. 2004 , 81-196		
57	Cardiac Drugs and Nutritional Status. 2004 , 257-270		
56	Homocysteine and atherosclerosis in dialysis patients. 2004 , 809-827		
55	Molekulare VerBderungen beim ischEhischen Schlaganfall. 2004 , 228-255		

54 Chronic Heart Failure. **2004**, 437-453

53	Homocysteine, Folic Acid, and Cardiovascular Disease Risk. 2005 , 191-220	1
52	Homocysteine, insulin, vitamin B12 and folic acid levels in obese children. <i>Korean Journal of Pediatrics</i> , 2006 , 49, 475	2.4
51	Moet een matige foliumzuurdeficilitie levenslang worden gesuppleerd?. 2006 , 2121-2123	
50	Serum homocysteine and tumor necrosis factor-alpha levels after intravenous gammaglobulin treatment in patients with Kawasaki disease. <i>Korean Journal of Pediatrics</i> , 2006 , 49, 1093	2.4
49	Homocysteine Levels in Patients Undergoing Open-Heart Surgery. Heart Surgery Forum, 2005 , 8, 66	0.7
48	Mosby's Guide to Women's Health - Pages 249-275. 2007 , 249-275	
47	Stroke (Cerebrovascular Disease). 2007 , 337-344	
46	Folate, Homocysteine, and Neurologic Diseases. 2007 , 949-953	
45	Menopause and Midlife. 2007 ,	
44	DrugNutrient Interactions in the Elderly. 2009 , 617-662	
43	Alzheimer Disease and Other Neurodegenerative Disorders. 2009, 499-521	
42	Chronic Heart Failure. 2009 , 333-353	
41	Cardiovascular Issues. 2009 , 397-413	
40	Hiper-homocisteinemia associada ao aumento no risco de doena vascular obstrutiva periffica: verdade ou mito?. <i>Jornal Vascular Brasileiro</i> , 2009 , 8, 291-293	0.9
39	Interventions for lowering plasma homocysteine levels in predialysis patients.	
38	Vitamins for Stroke Prevention. <i>Korean Journal of Stroke</i> , 2011 , 13, 49	1
37	Diet and Homocysteinemia: A Role in Cardiovascular Disease?. 2013 , 153-169	O

(2000-2013)

36	Asymmetric Dimethylarginine and Homocysteine Levels in Dialysis Patients. <i>Electronic Journal of General Medicine</i> , 2013 , 10,	2.1	
35	Interventions for lowering plasma homocysteine levels in predialysis patients.		
34	Dietary strategies to treat hyperhomocysteinaemia based on the biochemistry of homocysteine: a review. <i>South African Journal of Clinical Nutrition</i> , 2014 , 27, 93-100	1.1	
33	Chronic Heart Failure. 2015 , 215-236		
32	A CLINICAL STUDY ON ASSOCIATION OF METABOLIC SYNDROME AND CARDIOVASCULAR RISK IN PSORIASIS. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2016 , 5, 6859-6868	0.1	
31	To Evaluate and Compare Periodontal Disease and Smoking as a Parallel Risk Factor for Systemic Health by Gauging the Serum C-Reactive Protein Levels. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017 , 11, ZC79-ZC82	Ο	4
30	Meta-analysis of the Relationship Between Plasma Homocysteine Levels and Carbamazepine Monotherapy in Patients with Epilepsy. <i>Iranian Red Crescent Medical Journal</i> , 2017 , 19,	1.3	
29	The Comparison of Homocysteine Levels with Stress Gated Myocardial Perfusion Defect Scores of the SPECT Study. <i>Konuralp Tip Dergisi</i> , 69-75		
28	Relationship between plasma homocysteine and blood pressure in hypertensive Northern-Nigerians. <i>African Health Sciences</i> , 2020 , 20, 324-337	1.1	0
27	Nomogram to Predict the Number of Thrombectomy Device Passes for Acute Ischemic Stroke with Endovascular Thrombectomy. <i>Risk Management and Healthcare Policy</i> , 2021 , 14, 4439-4446	2.8	
26	Homocysteine and C-reactive Protein Levels in Women with Polycystic Ovary Syndrome <i>Gynecology and Minimally Invasive Therapy</i> , 2021 , 10, 210-214	1.1	O
25	Traditional Risk Factors and Newly Recognized Emerging Risk Factors for Cardiovascular Disease. 2003 , 63-89		
24	Vitamins, Minerals and Health. 2007 , 103-118		
23	Vitamine. 2005 , 342-354		
22	Risk Factors. 2005 , 475-516		
21	Reducing the Risk of Stroke by Modifying Life Style. 2008 , 73-87		
20	Preventive health care, 2000 update: screening and management of hyperhomocysteinemia for the prevention of coronary artery disease events. The Canadian Task Force on Preventive Health Care. <i>Cmaj</i> , 2000 , 163, 21-9	3.5	17
19	Homocysteine: to screen and treat or to wait and see?. <i>Cmaj</i> , 2000 , 163, 37-8	3.5	3

18	Effects of atorvastatin on coagulation parameters and homocysteine in patients with primary hypercholesterolemia. <i>Journal of the National Medical Association</i> , 2006 , 98, 1273-7	2.3	12
17	Dietary choline and betaine intakes and risk of cardiovascular diseases: review of epidemiological evidence. <i>ARYA Atherosclerosis</i> , 2011 , 7, 78-86	0.7	44
16	Evaluation of Homocysteine Level as a Risk Factor among Patients with Ischemic Stroke and Its Subtypes. <i>Iranian Journal of Medical Sciences</i> , 2013 , 38, 233-9	1.2	28
15	Omega 3 fatty acids - Potential modulators for oxidative stress and inflammation in the management of sickle cell disease <i>Jornal De Pediatria</i> , 2022 ,	2.6	1
14	Homocysteine as a potential indicator of endothelial dysfunction and cardiovascular risk in female patients with borderline personality disorder <i>Borderline Personality Disorder and Emotion Dysregulation</i> , 2022 , 9, 11	4.9	О
13	Significance of hyperhomocysteinaemia as an effective marker for vasculogenic erectile dysfunction: a cross-sectional study <i>Translational Andrology and Urology</i> , 2022 , 11, 397-406	2.3	O
12	Association of Homocysteine and Insulin Resistance with Increased Risk of Mortality in a Nondiabetic Population: Third National Health and Nutrition Examination Survey <i>Metabolic Syndrome and Related Disorders</i> , 2022 ,	2.6	
11	Genetic Polymorphism in Homocysteine Metabolism. 2022 , 135-157		
10	Clinical, phenotypic and genetic landscape of case reports with genetically proven inherited disorders of vitamin B12 metabolism: A meta-analysis. <i>Cell Reports Medicine</i> , 2022 , 100670	18	0
9	Occupational exposure to particles and biomarkers of cardiovascular diseaseduring work and after vacation. <i>International Archives of Occupational and Environmental Health</i> ,	3.2	
8	Associations of dietary folate, vitamin B6 and B12 intake with cardiovascular outcomes in 115664 participants: a large UK population-based cohort.		0
7	Genetic expression changes and pathologic findings associated with hyperhomocysteinemia in human autopsy brain tissue. 2022 , 8,		O
6	Antiepileptic Drugs and Homocysteine Levels. 2002 , 2, 41-42		О
5	Oral Microorganisms and Cardiovascular Disease. 2000 , 28, 204-213		O
4	Nonlinear associations of serum cobalamin with risk of all-cause and cardiovascular mortality in hypertensive adults.		0
3	Prospective cohort study on potato intake and mortality from cardiovascular diseases: the Japan Collaborative Cohort Study (JACC study).		O
2	Non-linear associations of serum and red blood cell folate with risk of cardiovascular and all-cause mortality in hypertensive adults.		0
1	The Role of Potential Oxidative Biomarkers in the Prognosis of Acute Ischemic Stroke and the Exploration of Antioxidants as Possible Preventive and Treatment Options. 2023 , 24, 6389		O