

CITATION REPORT

List of articles citing

A candidate genetic risk factor for vascular disease: a common mutation in methylenetetrahydrofolate reductase

DOI: 10.1038/ng0595-111
Nature Genetics, 1995, 10, 111-3.

Source: <https://exaly.com/paper-pdf/25952634/citation-report.pdf>

Version: 2024-04-19

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
2287	A genetic defect in 5,10 methylenetetrahydrofolate reductase in neural tube defects. 1995 ,		1
2286	A quantitative assessment of plasma homocysteine as a risk factor for vascular disease. Probable benefits of increasing folic acid intakes. 1995 , 274, 1049-57		1980
2285	Mutated methylenetetrahydrofolate reductase as a risk factor for spina bifida. 1995 , 346, 1070-1		703
2284	Spina bifida, 677T-->C mutation, and role of folate. 1995 , 346, 1703		62
2283	Homocysteine and coronary atherosclerosis. 1996 , 27, 517-27		407
2282	The incidence of the gene for thermolabile methylene tetrahydrofolate reductase in African Americans. 1996 , 83, 195-8		80
2281	Pulmonary embolism and premature labor in a patient with both factor V Leiden mutation and methylenetetrahydrofolate reductase gene C677T mutation. 1996 , 83, 243-51		7
2280	Hyperhomocysteinemia: a risk factor for placental abruption or infarction. 1996 , 66, 23-9		210
2279	Relevance to spina bifida of mutated methylenetetrahydrofolate reductase. 1996 , 347, 340		20
2278	Is mutated MTHFR a risk factor for neural tube defects?. 1996 , 347, 686-687		62
2277	Molecular variant of 5,10-methylenetetrahydrofolate reductase is a risk factor of ischemic heart disease in the Japanese population. 1996 , 121, 293-4		55
2276	Folate status is the major determinant of fasting total plasma homocysteine levels in maintenance dialysis patients. 1996 , 123, 193-202		99
2275	Prevalence of familial mild hyperhomocysteinemia. 1996 , 125, 71-80		28
2274	Hyperhomocysteinemia as a risk factor for deep-vein thrombosis. 1996 , 334, 759-62		861
2273	Prevention of Neural Tube Defects. 1996 , 6, 399-412		3
2272	Homocysteine-respondent genes in vascular endothelial cells identified by differential display analysis. GRP78/BiP and novel genes. 1996 , 271, 29659-65		278
2271	Laboratory assessment of mild hyperhomocysteinemia as an independent risk factor for occlusive vascular diseases. 1996 , 42, 492-493		11

2270	Serum and erythrocyte folates: a matter of life and premature death. 1996 , 42, 1579-1581	11
2269	Determinants of hyperhomocysteinemia: a matter of nature and nurture. 1996 , 64, 641-2	22
2268	Hyperhomocysteinemia. An emerging and important risk factor for thromboembolic and cardiovascular disease. 1996 , 106, 709-22	65
2267	Hyperhomocysteinemia: A risk factor for cardiovascular disease □ Influence of sex hormones on homocysteine metabolism. 1996 , 10, 75-79	9
2266	Homocysteine and cardiovascular disease. 1996 , 89, 561-3	40
2265	Plasma total homocysteine in healthy subjects: sex-specific relation with biological traits. 1996 , 64, 587-93	168
2264	Human methionine synthase: cDNA cloning and identification of mutations in patients of the cblG complementation group of folate/cobalamin disorders. 1996 , 5, 1867-74	286
2263	Molecular genetics of methylenetetrahydrofolate reductase deficiency. 1996 , 19, 589-94	105
2262	A common mutation in methylenetetrahydrofolate reductase gene among the Japanese population. 1996 , 41, 247-51	42
2261	The methylenetetrahydrofolate reductase (Mthfr) gene maps to distal mouse chromosome 4. 1996 , 7, 864-5	13
2260	5,10 Methylenetetrahydrofolate reductase genetic polymorphism as a risk factor for neural tube defects. 1996 , 63, 610-4	164
2259	The effect of folic acid on the homocysteine metabolism in human umbilical vein endothelial cells (HUVECs). 1996 , 26, 304-9	28
2258	Homocysteine and vascular disease. 1996 , 2, 386-9	603
2257	Homocystinuria: what about mild hyperhomocysteinaemia?. 1996 , 72, 513-8	26
2256	Defects in human methionine synthase in cblG patients. 1996 , 5, 1859-65	82
2255	Genetic analysis of thermolabile methylenetetrahydrofolate reductase as a risk factor for myocardial infarction. 1996 , 89, 437-44	84
2254	Hyperhomocysteinemia as a risk factor for deep-vein thrombosis. 1996 , 335, 974-5; author reply 975-6	52
2253	Germ line polymorphisms in cytochrome-P450 1A1 (C4887 CYP1A1) and methylenetetrahydrofolate reductase (MTHFR) genes and endometrial cancer susceptibility. 1997 , 18, 2307-11	109

2252	High Plasma Homocysteine: A Risk Factor for Arterial and Venous Thrombosis in Patients with Normal Coagulation Profiles. 1997 , 3, 239-244		7
2251	Homocyst(e)ine and Coronary Artery Disease. 1997 , 157, 2299		39
2250	A common genetic variant affecting folate metabolism is not over-represented in chronic fatigue syndrome. 1997 , 34 (Pt 4), 427-9		1
2249	Human Methionine Synthase. 1997 , 272, 3628-3634		126
2248	Shattuck lecture--cardiovascular medicine at the turn of the millennium: triumphs, concerns, and opportunities. 1997 , 337, 1360-9		1070
2247	Association of methylenetetrahydrofolate reductase gene polymorphism with carotid arterial wall thickening and myocardial infarction risk in NIDDM. 1997 , 46, 2102-4		43
2246	Loss of heterozygosity at the 5,10-methylenetetrahydrofolate reductase locus in human ovarian carcinomas. 1997 , 75, 1105-10		58
2245	Folate deficiency causes uracil misincorporation into human DNA and chromosome breakage: implications for cancer and neuronal damage. 1997 , 94, 3290-5		1108
2244	Approaches to defining the optimal dietary folate intake for cardiovascular health. 1997 , 97, 215-217		1
2243	Are dietary factors involved in DNA methylation associated with colon cancer?. <i>Nutrition and Cancer</i> , 1997 , 28, 52-62	2.8	86
2242	Role of homocysteine in age-related vascular and non-vascular diseases. 1997 , 9, 241-57		36
2241	Methylenetetrahydrofolate reductase polymorphism and pre-eclampsia. 1997 , 34, 525-6		155
2240	Risk of venous thrombosis in carriers of a common mutation in the homocysteine regulatory enzyme methylenetetrahydrofolate reductase*. <i>Molecular Diagnosis and Therapy</i> , 1997 , 2, 61-68		18
2239	A common mutation in methylenetetrahydrofolate reductase gene is not a major risk of coronary artery disease or myocardial infarction. 1997 , 128, 107-12		80
2238	Analysis of the apo E/apo C-I, angiotensin converting enzyme and methylenetetrahydrofolate reductase genes as candidates affecting human longevity. 1997 , 129, 177-83		85
2237	The 677C-->T mutation in the methylenetetrahydrofolate reductase gene: associations with plasma total homocysteine levels and risk of coronary atherosclerotic disease. 1997 , 132, 105-13		120
2236	Defective homocysteine metabolism as a risk factor for diabetic retinopathy. 1997 , 349, 473-4		79
2235	Moderate hyperhomocysteinaemia and retinopathy in insulin-dependent diabetes. 1997 , 349, 1102-3		33

2234	V677 mutation of methylenetetrahydrofolate reductases and cardiovascular disease in Canadian Inuit. 1997 , 349, 1221-2	41
2233	Homocysteinemia as a risk factor for atherosclerosis: a review. 1997 , 5, 559-67	45
2232	Homocysteinemia as a risk factor for atherosclerosis: a review. 1997 , 6, 1-9	13
2231	The prevalence of two genetic traits related to venous thrombosis in whites and African-Americans. 1997 , 86, 409-15	23
2230	Factor V Leiden: detection in whole blood by ASA PCR using an additional mismatch in antepenultimate position. 1997 , 88, 59-66	27
2229	An improved method for the detection of the G20210A transition in the prothrombin gene. 1997 , 88, 441-3	9
2228	Homocysteine and vascular dysfunction. 1997 , 61, 1205-15	104
2227	MTHFR 677C-->T mutation, folate intake, neural-tube defect, and risk of cardiovascular disease. 1997 , 350, 603-4	47
2226	Thermolabile variant of 5,10-methylenetetrahydrofolate reductase associated with low red-cell folates: implications for folate intake recommendations. 1997 , 349, 1591-3	276
2225	Genetic risk factor for unexplained recurrent early pregnancy loss. 1997 , 350, 861	164
2224	A mutation in the methylenetetrahydrofolate reductase gene is not associated with increased risk for coronary artery disease or myocardial infarction. 1997 , 30, 1206-11	88
2223	The frequency of the methylenetetrahydrofolate reductase-gene mutation varies with age in the normal population. 1997 , 61, 1459-60	45
2222	Folates and the fetus. 1997 , 71, 105-11	24
2221	[New causes of inherited thrombophilia]. 1997 , 18 Suppl 6, 626s-635s	6
2220	Le variant thermolabile de la méthyltétrahydrofolate réductase (MTHFR) est-il un facteur de risque de thrombotique artériel et veineux ?. 1997 , 18, 657s-659s	
2219	Homocysteine as a risk factor for vascular disease. Enhanced collagen production and accumulation by smooth muscle cells. 1997 , 17, 2074-81	203
2218	Hyperhomocyst(e)inemia and a common methylenetetrahydrofolate reductase mutation (Ala223Val MTHFR) in patients with inherited thrombophilic coagulation defects. 1997 , 17, 2924-9	41
2217	Homocyst(e)ine and risk of cardiovascular disease in the Multiple Risk Factor Intervention Trial. 1997 , 17, 1947-53	265

2216	High prevalence of hyperhomocysteinemia and asymptomatic vascular disease in siblings of young patients with vascular disease and hyperhomocysteinemia. 1997 , 17, 2655-62	22
2215	A common mutation in the methylenetetrahydrofolate reductase gene (C677T) increases the risk for deep-vein thrombosis in patients with mutant factor V (factor V:Q506). 1997 , 17, 1662-6	145
2214	Homocysteine and Thrombotic Disease. 1997 , 90, 1-11	340
2213	C677T mutation of methylenetetrahydrofolate reductase gene determined in blood or plasma by multiple-injection capillary electrophoresis and laser-induced fluorescence detection. 1997 , 43, 267-272	37
2212	Excess prevalence of fasting and postmethionine-loading hyperhomocysteinemia in stable renal transplant recipients. 1997 , 17, 1894-900	80
2211	Acute methionine load-induced hyperhomocysteinemia enhances platelet aggregation, thromboxane biosynthesis, and macrophage-derived tissue factor activity in rats. 1997 , 11, 1157-1168	172
2210	A methylenetetrahydrofolate reductase gene polymorphism in multiple sclerosis. 1997 , 4, 185-7	5
2209	Hyperhomocysteinemia in end-stage renal disease: prevalence, etiology, and potential relationship to arteriosclerotic outcomes. 1997 , 52, 10-20	313
2208	Mutation (677 C to T) in the methylenetetrahydrofolate reductase gene aggravates hyperhomocysteinemia in hemodialysis patients. 1997 , 52, 517-23	88
2207	Homocysteine metabolism in pregnancies complicated by neural tube defects. 1997 , 13, 994-5	17
2206	Coronary heart disease and genetics in epidemiologist's view. 1997 , 3, 197-203	19
2205	Thrombophilia: an expanding group of genetic defects that predispose to thrombosis. 1997 , 3, 303-9	3
2204	Assessment of homocysteine status. 1997 , 20, 286-94	58
2203	Hyperhomocysteinaemia and associated disease. 1997 , 19, 126-32	26
2202	Hyperhomocysteinemia: a risk factor for arterial and venous thrombotic disease. 1997 , 27, 139-44	21
2201	Methionine synthase deficiency without megaloblastic anaemia. 1997 , 156, 925-30	17
2200	Homozygous thermolabile methylenetetrahydrofolate reductase in schizophrenia-like psychosis. 1997 , 104, 931-41	40
2199	Total plasma homocysteine determination by liquid chromatography before and after methionine loading. Results in cerebrovascular disease. 1997 , 692, 213-6	17

2198	The VITA project: C677T mutation in the methylene-tetrahydrofolate reductase gene and risk of venous thromboembolism. 1997 , 97, 804-6	82
2197	Influence of genetic predisposition to thrombosis on natural history of acute promyelocytic leukaemia. MRC Adult Leukaemia Working Party. 1997 , 96, 490-2	11
2196	Detection of minimal residual disease in B-cell chronic lymphocytic leukaemia by flow cytometry. 1997 , 99, 464-5	18
2195	Analysis of alpha-1 antichymotrypsin, presenilin-1, angiotensin-converting enzyme, and methylenetetrahydrofolate reductase loci as candidates for dementia. 1997 , 74, 207-12	40
2194	Methylenetetrahydrofolate reductase variant and schizophrenia/depression. 1997 , 74, 526-8	104
2193	Analysis of single-strand conformation polymorphism by capillary electrophoresis with laser-induced fluorescence detection using short-chain polyacrylamide as sieving medium. 1997 , 245, 79-84	58
2192	Sixteenth Midwest Enzyme Chemistry Conference. 1997 , 25, 43-61	
2191	Clinical chemistry and molecular biology of homocysteine metabolism: an update. 1997 , 30, 189-201	99
2190	Relation of a common mutation in methylenetetrahydrofolate reductase to plasma homocysteine and early onset coronary artery disease. 1998 , 31, 95-100	23
2189	In vivo methods useful for therapy monitoring in lactic acidosis. 1998 , 21, 691-2	4
2188	MS-PCR assay to detect 677C->T mutation in the 5,10-methylenetetrahydrofolate reductase gene. 1998 , 21, 694-5	4
2187	Does the polymorphism 677C-T of the 5,10-methylenetetrahydrofolate reductase gene contribute to homocysteine-related vascular disease?. 1998 , 21, 812-22	13
2186	Homocystinuria (methylenetetrahydrofolate reductase deficiency) and mutation of factor V gene. 1998 , 21, 690-1	4
2185	Methyl-deficient diets, methylated ER genes and breast cancer: an hypothesized association. 1998 , 9, 615-20	18
2184	Folic acid for the prevention of congenital anomalies. 1998 , 157, 445-50	63
2183	Evaluation of the MTHFR C677T allele and the MTHFR gene locus in a German spina bifida population. 1998 , 157, 487-92	59
2182	Identification of four novel mutations in severe methylenetetrahydrofolate reductase deficiency. 1998 , 6, 257-65	40
2181	C677T polymorphism in methylenetetrahydrofolate reductase gene and psychoses. 1998 , 3, 435-7	69

2180	B vitamins and homocysteine in cardiovascular disease and aging. 1998 , 854, 361-70	27
2179	Genetic susceptibility to pregnancy-related venous thromboembolism: roles of factor V Leiden, prothrombin G20210A, and methylenetetrahydrofolate reductase C677T mutations. 1998 , 179, 1324-8	155
2178	Effects of folic acid and vitamin B6 supplementation on women with hyperhomocysteinemia and a history of preeclampsia or fetal growth restriction. 1998 , 179, 135-9	111
2177	Methotrexate in rheumatoid arthritis: an update with focus on mechanisms involved in toxicity. 1998 , 27, 277-92	172
2176	Integrated amplification and detection of the C677T point mutation in the methylenetetrahydrofolate reductase gene by fluorescence resonance energy transfer and probe melting curves. 1998 , 255, 101-7	140
2175	Neural-tube defects are associated with low concentrations of cobalamin (vitamin B12) in amniotic fluid. 1998 , 18, 545-555	51
2174	Genetics of neural tube defects. 1998 , 4, 269-281	24
2173	Low blood folates in NTD pregnancies are only partly explained by thermolabile 5,10-methylenetetrahydrofolate reductase: Low folate status alone may be the critical factor. 1998 , 78, 155-159	79
2172	Prevalence of the mutation C677 --> T in the methylene tetrahydrofolate reductase gene among distinct ethnic groups in Brazil. 1998 , 78, 332-5	61
2171	Infant C677T mutation in MTHFR, maternal periconceptual vitamin use, and cleft lip. 1998 , 80, 196-8	96
2170	Prothrombin mutant, factor V Leiden, and thermolabile variant of methylenetetrahydrofolate reductase among patients with sickle cell disease in Brazil. 1998 , 59, 46-50	50
2169	Prothrombin gene 20210 G-A mutation in Turkish patients with thrombosis. 1998 , 59, 179-80	25
2168	Inherited DNA mutations contributing to thrombotic complications in patients with sickle cell disease. 1998 , 59, 267-72	56
2167	Rapid, efficient method for multiplex amplification from filter paper. 1998 , 11, 404-9	57
2166	Cloning and expression of 5, 10-Methylenetetrahydrofolate reductase (MTHFR) gene. 1998 , 41, 636-43	1
2165	Recent advances in molecular genetics of cardiovascular disorders. 1998 , 4, 152-160	6
2164	Gene structure of human and mouse methylenetetrahydrofolate reductase (MTHFR). 1998 , 9, 652-6	245
2163	Linkage disequilibrium at the cystathionine beta synthase (CBS) locus and the association between genetic variation at the CBS locus and plasma levels of homocysteine. The Ears II Group. European Atherosclerosis Research Study. 1998 , 62, 481-90	33

2162	Major determinants of hyperhomocysteinemia in peritoneal dialysis patients. 1998 , 53, 1775-82	62
2161	Effect of the MTHFR C677T variant on risk of venous thromboembolism: interaction with factor V Leiden and prothrombin (F2G20210A) mutations. 1998 , 103, 42-4	45
2160	Additional genetic risk factors for venous thromboembolism in carriers of the factor V Leiden mutation. 1998 , 103, 871-6	52
2159	Additional genetic risk factors for venous thromboembolism in carriers of the factor V Leiden mutation. 1998 , 102, 871-876	1
2158	Methylene tetrahydrofolate reductase C677T genotype and stroke. 1998 , 20, 357-61	14
2157	Absence of association between a common mutation in the methylenetetrahydrofolate reductase gene and the risk of coronary artery disease. 1998 , 28, 20-3	24
2156	A methylenetetrahydrofolate reductase gene polymorphism in ischaemic stroke and in carotid artery stenosis. 1998 , 28, 285-9	39
2155	Transmethylations and neurodegenerative disorders: A review. 1998 , 26, 435-442	1
2154	Altérations du métabolisme de l'homocystéine et maladies cardiovasculaires. 1998 , 1998, 33-44	0
2153	Déficiences en folates et pathologie cardiovasculaire. 1998 , 1998, 45-54	2
2152	Methylenetetrahydrofolate reductase gene polymorphism as a risk factor for diabetic nephropathy in NIDDM patients. 1998 , 352, 454	43
2151	Genetic selection and folate intake during pregnancy. 1998 , 352, 1120-1	81
2150	[Homocysteine, 5,10-methylenetetrahydrofolate reductase and deep venous thrombosis. Survey of 120 patients in internal medicine]. 1998 , 19, 29-33	7
2149	Methylenetetrahydrofolate reductase gene polymorphism: relation to blood pressure and cerebrovascular disease. 1998 , 11, 1019-23	63
2148	Plasma homocysteine levels related to interactions between folate status and methylenetetrahydrofolate reductase: a study in 52 healthy subjects. 1998 , 47, 1413-8	41
2147	The C677T mutation in the methylenetetrahydrofolate reductase gene predisposes to hyperhomocysteinemia in children with familial hypercholesterolemia treated with cholestyramine. 1998 , 132, 365-8	36
2146	Search for genetic factors favoring thrombosis in Turkish population. 1998 , 92, 79-82	33
2145	A common mutation in the methylenetetrahydrofolate reductase gene and risk of coronary heart disease: results among U.S. men. 1998 , 32, 353-9	37

2144	A second common mutation in the methylenetetrahydrofolate reductase gene: an additional risk factor for neural-tube defects?. 1998 , 62, 1044-51	1251
2143	Worldwide distribution of a common methylenetetrahydrofolate reductase mutation. 1998 , 62, 1258-60	206
2142	Heterogeneity in world distribution of the thermolabile C677T mutation in 5,10-methylenetetrahydrofolate reductase. 1998 , 63, 917-20	94
2141	Prospective study of coronary heart disease incidence in relation to fasting total homocysteine, related genetic polymorphisms, and B vitamins: the Atherosclerosis Risk in Communities (ARIC) study. 1998 , 98, 204-10	499
2140	Common methylenetetrahydrofolate reductase gene mutation leads to hyperhomocysteinemia but not to vascular disease: the result of a meta-analysis. 1998 , 98, 2520-6	550
2139	Rapid detection of genetic mutations using the chemiluminescent hybridization protection assay (HPA): overview and comparison with other methods. 1998 , 35, 369-414	7
2138	Homocysteine and atherothrombosis. 1998 , 338, 1042-50	1651
2137	Prevalence of the methylenetetrahydrofolate reductase (MTHFR) C677T mutation in patients with varicose veins of lower limbs. 1998 , 63, 35-6	22
2136	A second genetic polymorphism in methylenetetrahydrofolate reductase (MTHFR) associated with decreased enzyme activity. 1998 , 64, 169-72	1021
2135	A woman with five consecutive fetal deaths: case report and retrospective analysis of hyperhomocysteinemia prevalence in 100 consecutive women with recurrent miscarriages. 1998 , 69, 152-4	80
2134	C677T (thermolabile alanine/valine) polymorphism in methylenetetrahydrofolate reductase (MTHFR): its frequency and impact on plasma homocysteine concentration in different European populations. EARS group. 1998 , 136, 347-54	179
2133	Methylenetetrahydrofolate reductase and apolipoprotein E polymorphisms are independent risk factors for coronary heart disease in Japanese: a case-control study. 1998 , 137, 23-8	84
2132	Common mutation in methylenetetrahydrofolate reductase. Correlation with homocysteine and other risk factors for vascular disease. 1998 , 139, 377-83	47
2131	A common methylenetetrahydrofolate reductase gene mutation and longevity. 1998 , 141, 315-9	53
2130	The effect of a common methylenetetrahydrofolate reductase mutation on levels of homocysteine, folate, vitamin B12 and on the risk of premature atherosclerosis. 1998 , 141, 161-6	42
2129	Micronutrients prevent cancer and delay aging. 1998 , 102-103, 5-18	211
2128	677C to T mutation in the 5,10-methylenetetrahydrofolate reductase (MTHFR) gene and plasma homocyst(e)ine levels in patients with TIA or minor stroke. 1998 , 155, 156-62	8
2127	Homocysteine and cardiovascular disease. 1998 , 49, 31-62	1691

2126	Prevalence of the G20210A polymorphism in the 3'-untranslated region of the prothrombin gene in different human populations. 1998 , 100, 9-12	72
2125	Mutated 5,10-methylenetetrahydrofolate reductase and moderate hyperhomocysteinaemia. 1998 , 157 Suppl 2, S131-4	25
2124	Methylenetetrahydrofolate reductase and methionine synthase: biochemistry and molecular biology. 1998 , 157 Suppl 2, S54-9	54
2123	Relevance of vitamins, homocysteine and other metabolites in neuropsychiatric disorders. 1998 , 157 Suppl 2, S122-6	40
2122	Folate deficiencies and cardiovascular pathologies. 1998 , 36, 419-29	23
2121	Opposite effects of plasma homocysteine and the methylenetetrahydrofolate reductase C677T mutation on carotid artery geometry in asymptomatic adults. 1998 , 18, 1838-43	39
2120	Homocysteine as a risk factor for cardiovascular and related disease: nutritional implications. 1998 , 11, 311-38	28
2119	Low circulating folate and vitamin B6 concentrations: risk factors for stroke, peripheral vascular disease, and coronary artery disease. European COMAC Group. 1998 , 97, 437-43	406
2118	Induction of acute translational response genes by homocysteine. Elongation factors-1alpha, -beta, and -delta. 1998 , 273, 19840-6	22
2117	ACE, MTHFR, factor V Leiden, and APOE polymorphisms in patients with vascular and Alzheimer's dementia. 1998 , 29, 1401-4	100
2116	Hyperhomocysteinemia after an oral methionine load acutely impairs endothelial function in healthy adults. 1998 , 98, 1848-52	320
2115	The C677T mutation of the 5,10-methylenetetrahydrofolate reductase gene is a moderate risk factor for spina bifida in Italy. 1998 , 35, 1009-13	44
2114	Array-based multiplex analysis of candidate genes reveals two independent and additive genetic risk factors for myocardial infarction in the Finnish population. 1998 , 7, 1453-62	87
2113	Causes and Mechanisms of Cerebellar Infarction in Young Patients. 1998 , 29, 867-867	3
2112	Folate, vitamin B12, and serum total homocysteine levels in confirmed Alzheimer disease. 1998 , 55, 1449-55	1189
2111	Analysis of gene expression in homocysteine-injured vascular endothelial cells: demonstration of GRP78/BiP expression, cloning and characterization of a novel reducing agent-tunicamycin regulated gene. 1998 , 24, 285-91	11
2110	Homocysteine and ischemic heart disease: results of a prospective study with implications regarding prevention. 1998 , 158, 862-7	236
2109	Homozygous C677T mutation of the 5,10 methylenetetrahydrofolate reductase gene and hyperhomocysteinemia in Italian patients with a history of early-onset ischemic stroke. 1998 , 29, 869-71	34

2108	Homocysteine as a risk factor for ischemic stroke: an epidemiological story in evolution. 1998 , 17, 167-73	44
2107	Screening test for thrombophilic patients: which tests, for which patient, by whom, when, and why?. 1998 , 24, 321-7	27
2106	Reduction of plasma homocyst(e)ine levels by breakfast cereal fortified with folic acid in patients with coronary heart disease. 1998 , 338, 1009-15	347
2105	A common mutation in the methylenetetrahydrofolate reductase gene is associated with an accumulation of formylated tetrahydrofolates in red blood cells. 1998 , 95, 13217-20	305
2104	Homocysteine associated hypercoagulability and disseminated thrombosis--a case report. 1998 , 49, 765-9	8
2103	Tissue plasminogen activator binding to the annexin II tail domain. Direct modulation by homocysteine. 1998 , 273, 9987-93	176
2102	Vitamin supplementation reduces blood homocysteine levels: a controlled trial in patients with venous thrombosis and healthy volunteers. 1998 , 18, 356-61	133
2101	ACP Broadsheet No 152: March 1998. Clinical implications of plasma homocysteine measurement in cardiovascular disease. 1998 , 51, 183-8	39
2100	Genetics and pulmonary medicine. 4. Pulmonary embolism. 1998 , 53, 698-702	6
2099	A multilocus genotyping assay for cardiovascular disease. 1998 , 36, 561-6	38
2098	A prospective study of methylenetetrahydrofolate reductase and methionine synthase gene polymorphisms, and risk of colorectal adenoma. 1998 , 19, 2129-32	121
2097	Polymorphisms of coagulation factor genes--a review. 1998 , 36, 897-906	4
2096	Mutation C677T of methylenetetrahydrofolate reductase gene is not associated with coronary artery disease, but possibly with albuminuria, in type 2 diabetic patients. 1998 , 36, 625-8	7
2095	Vitamins B6, B12, and folate: association with plasma total homocysteine and risk of coronary atherosclerosis. 1998 , 17, 435-41	57
2094	Methylenetetrahydrofolate reductase gene polymorphism and ischemic stroke in Japanese. 1998 , 18, 1465-9	112
2093	Maternal vitamin use, genetic variation of infant methylenetetrahydrofolate reductase, and risk for spina bifida. 1998 , 148, 30-7	137
2092	Relation of three genetic traits to venous thrombosis in an African-American population. 1998 , 147, 30-5	65
2091	Redefining dietary reference values and food safety. 1998 , 83, 219-22	21

2090	Autoimmunity in Down's syndrome: another possible mechanism of Moyamoya disease. 1998 , 29, 868-9	42
2089	Methylene tetrahydrofolate reductase gene, dietary folate, NIDDM, and atherosclerosis in Canadian Oji-Cree. 1998 , 21, 322-3	6
2088	Neural tube and craniofacial defects with special emphasis on folate pathway genes. 1998 , 9, 38-53	68
2087	Relationship Between Homocysteine and Thrombotic Disease. 1998 , 316, 129-141	1
2086	Effect of B-group vitamins and antioxidant vitamins on hyperhomocysteinemia: a double-blind, randomized, factorial-design, controlled trial. 1998 , 67, 858-66	96
2085	Prevalence of stroke and stroke-related disability. 1998 , 29, 866-7	8
2084	Interrater agreement on a simple neurological score in rats. 1998 , 29, 871-2	14
2083	Carotid arterial intimal-medial thickening and plaque formation in NIDDM. 1998 , 21, 323-4	12
2082	Homocysteine, lipoprotein(a) and fibrinogen: metabolic risk factors for cardiovascular complications of chronic renal disease. 1998 , 7, 271-8	15
2081	Rapid and effective processing of blood specimens for diagnostic PCR using filter paper and Chelex-100. 1998 , 51, 215-7	36
2080	Multivitamin use, folate, and colon cancer in women in the Nurses' Health Study. 1998 , 129, 517-24	501
2079	Exogenous estrogen may exacerbate thrombophilia, impair bone healing and contribute to development of chronic facial pain. 1998 , 16, 143-53	10
2078	Functional food science and the cardiovascular system. 1998 , 80 Suppl 1, S113-46	39
2077	Methylenetetrahydrofolate reductase polymorphism (C-677T) and coronary artery disease. 1998 , 95, 311-315	12
2076	Methylenetetrahydrofolate reductase polymorphism (C-677T) and coronary artery disease. 1998 , 95, 311	5
2075	Hyperhomocysteinemia and Premature Vascular Occlusive Disease. 1998 , 315, 279-285	
2074	Thermolabile Methylenetetrahydrofolate Reductase and Factor V Leiden in the Risk of Deep-Vein Thrombosis. 1998 , 79, 254-258	139
2073	The High Prevalence of Thermolabile 5-10 Methylenetetrahydrofolate Reductase (MTHFR) in Italians Is not Associated to an Increased Risk for Coronary Artery Disease (CAD). 1998 , 79, 727-730	71

2072	Major lifestyle determinants of plasma total homocysteine distribution: the Hordaland Homocysteine Study. 1998 , 67, 263-70	344
2071	Determinants of plasma homocysteine. 1998 , 67, 188-9	27
2070	Thrombophilic Genotypes in Subjects with Idiopathic Antiphospholipid Antibodies [Prevalence and Significance. 1998 , 79, 46-49	45
2069	Multiplex ASA PCR for a Simultaneous Determination of Factor V Leiden Gene, G -> A 20210 Prothrombin Gene and C -> T677 MTHFR Gene Mutations. 1998 , 79, 1054-1055	54
2068	Prevalence of FVR506Q and Prothrombin 20210A Mutations in the Navarrese Population. 1998 , 80, 522-523	32
2067	Prothrombin 20210A Variant and Age at Thrombosis. 1998 , 79, 444-455	5
2066	The Methylenetetrahydrofolate Reductase TT677 Genotype Is Associated with Venous Thrombosis Independently of the Coexistence of the FV Leiden and the Prothrombin. 1998 , 79, 907-911	131
2065	The Mutation C677T in the Methylene Tetrahydrofolate Reductase Gene as a Risk Factor for Myocardial Infarction in the Portuguese Population. 1998 , 80, 521-522	4
2064	Priorities in heart failure research. 1998 , 97, 296	
2063	Interrelation of hyperhomocyst(e)inemia, factor V Leiden, and risk of future venous thromboembolism. 1998 , 97, 295-6	7
2062	Deletion Polymorphism in the Angiotensin-converting Enzyme Gene as a Thrombophilic Risk Factor after Hip Arthroplasty. 1998 , 80, 869-873	60
2061	Is Prostate-specific Antigen a Marker for Pregnancies Affected by Down Syndrome?. 1998 , 44, 2362-2365	12
2060	Simultaneous determination of methylenetetrahydrofolate reductase C677T and factor V G1691A genotypes by mutagenically separated PCR and multiple-injection capillary electrophoresis. 1998 , 44, 264-269	35
2059	An improved method for the detection of the thermolabile variant of methylenetetrahydrofolate reductase. 1998 , 44, 1045-1047	6
2058	Homocysteine and vitamins in cardiovascular disease. 1998 , 44, 1833-1843	300
2057	Variability and determinants of total homocysteine concentrations in plasma in an elderly population. 1998 , 44, 102-107	106
2056	Homocysteine and vascular disease. 1998 , 168, 431-2	8
2055	The Mutation C677 -> T in the Methylene Tetrahydrofolate Reductase Gene and Stroke. 1998 , 79, 450-451	18

2054	Homozygous G20210A Prothrombin Gene Mutation without Thromboembolic Events: A Case Report. 1998 , 80, 1028-1029	16
2053	Prothrombin G20210A Mutant Genotype Is a Risk Factor for Cerebrovascular Ischemic Disease in Young Patients. 1998 , 91, 3562-3565	201
2052	Methylenetetrahydrofolate Reductase C677T Mutation, Plasma Homocysteine, and Folate in Subjects From Northern Italy With or Without Angiographically Documented Severe Coronary Atherosclerotic Disease: Evidence for an Important Genetic-Environmental Interaction. 1998 , 91, 4158-4163	171
2051	Homozygous Cystathionine β -Synthase Deficiency, Combined With Factor V Leiden or Thermolabile Methylenetetrahydrofolate Reductase in the Risk of Venous Thrombosis. 1998 , 91, 2015-2018	58
2050	The 20210A Allele of the Prothrombin Gene Is Frequent in Young Women With Unexplained Spinal Cord Infarction. 1998 , 92, 1840-1841	13
2049	Linkage disequilibrium at the cystathionine β -synthase (CBS) locus and the association between genetic variation at the CBS locus and plasma levels of homocysteine. 1998 , 62, 481-490	28
2048	A Three-generation Family Presenting Five Cases of Homozygosity for the 20210 G to A Prothrombin Variant. 1998 , 80, 859-860	12
2047	Analysis of the 677 C->T Mutation of the Methylenetetrahydrofolate Reductase Gene in Different Ethnic Groups. 1998 , 79, 119-121	122
2046	Homozygous G20210A Transition in the Prothrombin Gene Associated with Severe Venous Thrombotic Disease: Two Cases in a French Family. 1998 , 80, 1027-1028	24
2045	Methylenetetrahydrofolate reductase polymorphism affects the change in homocysteine and folate concentrations resulting from low dose folic acid supplementation in women with unexplained recurrent miscarriages. 1998 , 128, 1336-41	115
2044	Inhaled NO and Pulmonary Vasodilation. 1998 , 97, 292-292	7
2043	Az Orvosi Hetilap 1998 szeptemberi lapszövege. 1998 , 139, 2113-2360	
2042	Prevalence of the 677C to T Mutation in the Methylenetetrahydrofolate Reductase Gene in Italian Patients with Venous Thrombotic Disease. 1998 , 79, 686-687	16
2041	Risk Factors Associated with Postpartum Ovarian Vein Thrombosis. 1999 , 82, 1015-1019	64
2040	Prevalence of Prothrombin G20210A, Factor V G1691A (Leiden), and Methylenetetrahydrofolate Reductase (MTHFR) C677T in Seven Different Populations Determined by Multiplex Allele-specific PCR. 1999 , 81, 733-738	97
2039	Plasma homocysteine concentration in a Belgian school-age population. 1999 , 69, 968-72	80
2038	Prothrombotic Genetic Risk Factors and the Occurrence of Gestational Hypertension with or without Proteinuria. 1999 , 81, 349-352	66
2037	The Relationship of Mutations in the MTHFR, Prothrombin, and PAI-1 Genes to Plasma Levels of Homocysteine, Prothrombin, and PAI-1 in Children and Adults. 1999 , 81, 739-744	117

2036	Allelic Discrimination of Factor V Leiden Using a 5' Nuclease Assay. 1999 , 82, 1294-1296	35
2035	High-speed prothrombin G-->A 20210 and methylenetetrahydrofolate reductase C-->T 677 mutation detection using real-time fluorescence PCR and melting curves. 1999 , 27, 234-6, 238	33
2034	Double Fluorescent-amplification Refractory Mutation Detection (dF-ARMS) of the Factor V Leiden and Prothrombin Mutations. 1999 , 81, 76-80	12
2033	Risk Factors for Venous Thrombotic Disease. 1999 , 82, 610-619	282
2032	Folate and homocysteine metabolism and gene polymorphisms in the etiology of Down syndrome. 1999 , 70, 429-30	21
2031	Lowering of homocysteine concentrations in elderly men and women. 1999 , 69, 187-93	11
2030	MTHFR polymorphism, methyl-replete diets and the risk of colorectal carcinoma and adenoma among U.S. men and women: an example of gene-environment interactions in colorectal tumorigenesis. 1999 , 129, 560S-564S	84
2029	Higher total homocysteine concentrations and lower folate concentrations in premenopausal black women than in premenopausal white women. 1999 , 70, 252-60	25
2028	Nutritional hyperhomocysteinaemia. 1999 , 318, 1569-70	7
2027	Clinical evidence. 1999 , 318, 1570-1	13
2026	Association of dietary protein intake and coffee consumption with serum homocysteine concentrations in an older population. 1999 , 69, 467-75	106
2025	Factor XIII Val34Leu Is a Genetic Factor Involved in the Aetiology of Venous Thrombosis. 1999 , 81, 676-679	115
2024	Case-control Study of the Frequency of Thrombophilic Disorders in Couples with Late Foetal Loss and no Thrombotic Antecedent. 1999 , 81, 891-899	194
2023	Serum total homocysteine concentrations in adolescent and adult Americans: results from the third National Health and Nutrition Examination Survey. 1999 , 69, 482-9	199
2022	Factor V Leiden, Prothrombin 20210 G -> A and the MTHFR C677T Mutations in Childhood Stroke. 1999 , 81, 690-694	99
2021	Genetic Polymorphism of 5,10-MTHFR Reductase Gene in Offspring of Patients with Myocardial Infarction. 1999 , 82, 19-23	64
2020	The Methylenetetrahydrofolate Reductase Gene C677T Mutant and Ischemic Stroke in Sickle Cell Disease. 1999 , 82, 1780-1781	3
2019	Problems and approaches in investigating the role of micronutrients in the aetiology of cancer in humans. 1999 , 55, 600-18	3

2018	Placental Genotyping of the Factor V Leiden, Prothrombin 20210A and the Methylenetetrahydrofolate Reductase (MTHFR) C677T Alleles in IUGR Pregnancies. 1999 , 81, 844-845	7
2017	Plasma homocysteine levels in indigenous Australians. 1999 , 170, 19-22	12
2016	Synergistic Effects of Prothrombotic Polymorphisms and Atherogenic Factors on the Risk of Myocardial Infarction in Young Males. 1999 , 93, 2186-2190	77
2015	Rapid Detection of Prothrombotic Mutations of Prothrombin (G20210A), FactorV (G1691A), and Methylenetetrahydrofolate Reductase (C677T) by Real-Time Fluorescence PCR with the LightCycler. 1999 , 45, 694-696	89
2014	The Plasma Homocysteine/Creatinine Ratio Can Be Used to Study the Implication of (C677T) MTHFR Genetic Variants in Homocysteine Homeostasis. 1999 , 45, 1312-1312	1
2013	Prothrombotic Genetic Risk Factors in Young Survivors of Myocardial Infarction. 1999 , 94, 46-51	205
2012	Venous Thromboembolic Disease and the Prothrombin, Methylene Tetrahydrofolate Reductase and Factor V Genes. 1999 , 81, 506-510	88
2011	Prospective Evaluation of the Thrombotic Risk in Children With Acute Lymphoblastic Leukemia Carrying the MTHFR TT 677 Genotype, the Prothrombin G20210A Variant, and Further Prothrombotic Risk Factors. 1999 , 93, 1595-1599	172
2010	Extensive Venous and Arterial Thrombosis Associated With an Inhibitor to Activated Protein C. 1999 , 94, 895-901	32
2009	Lipoprotein (a) and Genetic Polymorphisms of Clotting Factor V, Prothrombin, and Methylenetetrahydrofolate Reductase Are Risk Factors of Spontaneous Ischemic Stroke in Childhood. 1999 , 94, 3678-3682	294
2008	Homocysteine-Induced Endoplasmic Reticulum Stress and Growth Arrest Leads to Specific Changes in Gene Expression in Human Vascular Endothelial Cells. 1999 , 94, 959-967	292
2007	Plasma Homocysteine Levels Elevated and Inversely Related to Insulin Sensitivity in Preeclampsia. 1999 , 93, 489-493	2
2006	Molecular genetics of homocysteine metabolism. 1999 , 25, 269-78	29
2005	Homocysteine screening of a female Hispanic population. 1999 , 4, 295-7	2
2004	Heritable thrombophilia and hypofibrinolysis. Possible causes of retinal vein occlusion. 1999 , 117, 43-9	79
2003	Treatment of hereditary and acquired thrombophilic disorders. 1999 , 25, 387-406	55
2002	The role of the polymorphic genes apolipoprotein E and methylene- tetrahydrofolate reductase in the development of dementia of the Alzheimer type. 1999 , 10, 245-51	43
2001	Hyperhomocysteinemia and thrombosis. 1999 , 25, 291-309	40

2000	Hyperhomocysteinemia and the endocrine system: implications for atherosclerosis and thrombosis. 1999 , 20, 738-59	83
1999	Single and combined prothrombotic factors in patients with idiopathic venous thromboembolism: prevalence and risk assessment. 1999 , 19, 511-8	216
1998	Polymorphism of the methionine synthase gene : association with homocysteine metabolism and late-onset vascular diseases in the Japanese population. 1999 , 19, 298-302	63
1997	Inherited prothrombotic conditions and premature ischemic stroke: sex difference in the association with factor V Leiden. 1999 , 19, 1751-6	100
1996	Influence of sulphasalazine, methotrexate, and the combination of both on plasma homocysteine concentrations in patients with rheumatoid arthritis. 1999 , 58, 79-84	134
1995	Hyperhomocysteinemia but not the C677T mutation of methylenetetrahydrofolate reductase is an independent risk determinant of carotid wall thickening. The Perth Carotid Ultrasound Disease Assessment Study (CUDAS). 1999 , 99, 2383-8	164
1994	Low folate levels and thermolabile methylenetetrahydrofolate reductase as primary determinant of mild hyperhomocysteinemia in normal and thromboembolic subjects. 1999 , 19, 1761-7	63
1993	Increased prevalence of methylenetetrahydrofolate reductase C677T variant in patients with inflammatory bowel disease, and its clinical implications. 1999 , 45, 389-94	124
1992	Polymorphisms in the methylenetetrahydrofolate reductase gene are associated with susceptibility to acute leukemia in adults. 1999 , 96, 12810-5	411
1991	Factor V1691 G-A, prothrombin 20210 G-A, and methylenetetrahydrofolate reductase 677 C-T variants in Turkish children with cerebral infarct. 1999 , 14, 749-51	62
1990	Homozygous prothrombin gene mutation and ischemic cerebrovascular disease: a case report. 1999 , 102, 101-3	17
1989	Methylenetetrahydrofolate-dehydrogenase 1958 G-A (R653 Q) polymorphism in Turkish patients with venous thromboembolism. 1999 , 102, 199-200	3
1988	Plasma glutathione peroxidase deficiency and platelet insensitivity to nitric oxide in children with familial stroke. 1999 , 19, 2017-23	66
1987	Homocyst(e)ine, diet, and cardiovascular diseases: a statement for healthcare professionals from the Nutrition Committee, American Heart Association. 1999 , 99, 178-82	449
1986	Genetic analysis of the thermolabile variant of 5, 10-methylenetetrahydrofolate reductase as a risk factor for ischemic stroke. 1999 , 19, 208-11	50
1985	Methylene tetrahydrofolate reductase genotype and the risk and extent of coronary artery disease in a population with low plasma folate. 1999 , 81, 518-22	54
1984	Plasma total homocysteine response to oral doses of folic acid and pyridoxine hydrochloride (vitamin B6) in healthy individuals. Oral doses of vitamin B6 reduce concentrations of serum folate. 1999 , 59, 139-46	32
1983	Development of a highly accurate, rapid PCR-RFLP genotyping assay for the methylenetetrahydrofolate reductase gene. 1999 , 3, 287-9	6

1982	Homocysteine--a pathophysiological cornerstone in obstetrical and gynaecological disorders?. 1999 , 5, 64-72	29
1981	Factor V Leiden and thermolabile methylenetetrahydrofolate reductase gene variants in an East Anglian preeclampsia cohort. 1999 , 33, 1338-41	101
1980	Thermolabile methylenetetrahydrofolate reductase gene and the risk of cognitive impairment in those over 85. 1999 , 67, 535-8	24
1979	Inherited thrombophilia genes in minorities. 1999 , 3, 371-3	6
1978	Homocysteine, hypothyroidism, and effect of thyroid hormone replacement. 1999 , 9, 1163-6	54
1977	The effect of carbamazepine and sodium valproate on the blood and serum values of children from a third-world environment. 1999 , 14, 751-3	5
1976	Association of the 677C-->T mutation on the methylenetetrahydrofolate reductase gene in Turkish patients with neural tube defects. 1999 , 14, 159-61	26
1975	Functional characterization of human methylenetetrahydrofolate reductase in <i>Saccharomyces cerevisiae</i> . 1999 , 274, 32613-8	35
1974	Folate and carcinogenesis: evidence, mechanisms, and implications. 1999 , 10, 66-88	448
1973	Fetal anticonvulsant syndrome and mutation in the maternal MTHFR gene. 1999 , 56, 216-20	46
1972	Contribution of the glycoprotein Ia 807TT, methylene tetrahydrofolate reductase 677TT and prothrombin 20210GA genotypes to prothrombotic risk among factor V 1691GA (Leiden) carriers. 1999 , 106, 237-9	12
1971	Influence of three potential genetic risk factors for thrombosis in 43 families carrying the factor V Arg 506 to Gln mutation. 1999 , 106, 889-97	9
1970	The methylenetetrahydrofolate reductase gene C677T polymorphism in patients with homozygous sickle cell disease and stroke. 1999 , 107, 569-71	20
1969	A chronic hypercoagulable state in patients with beta-thalassaemia major is already present in childhood. 1999 , 107, 739-46	83
1968	Inherited protein C deficiency, protein S deficiency and hyperhomocysteinaemia in a patient with hereditary spherocytosis. 1999 , 21, 211-4	
1967	The investigation and management of inherited thrombophilia. 1999 , 21, 77-92	27
1966	Future for folates in cardiovascular disease. 1999 , 29, 657-8	10
1965	Oral folate enhances endothelial function in hyperhomocysteinaemic subjects. 1999 , 29, 659-62	120

1964	Methylenetetrahydrofolate reductase polymorphism, plasma homocysteine and age. 1999 , 29, 1003-9	38
1963	Can lowering homocysteine levels reduce the incidence of stroke?. 1999 , 24, 331-8	3
1962	Effect of folic acid and betaine on fasting and postmethionine-loading plasma homocysteine and methionine levels in chronic haemodialysis patients. 1999 , 245, 175-83	57
1961	Total homocysteine and cardiovascular disease. 1999 , 246, 425-54	198
1960	Peritoneal elimination of homocysteine moieties in continuous ambulatory peritoneal dialysis patients. 1999 , 55, 2054-61	24
1959	Homocysteine and methionine metabolism in ESRD: A stable isotope study. 1999 , 56, 1064-71	115
1958	Effect of MTHFR 677C>T on plasma total homocysteine levels in renal graft recipients. 1999 , 55, 1072-80	49
1957	The influence of 5,10 methylenetetrahydrofolate reductase genotypes on enzyme activity in placental tissue. 1999 , 106, 1214-8	14
1956	5,10 methylenetetrahydrofolate reductase polymorphism in black South African women with pre-eclampsia. 1999 , 106, 1219-20	28
1955	The role of inherited thrombophilia in venous thromboembolism associated with pregnancy. 1999 , 106, 756-66	43
1954	Micronutrient deficiencies. A major cause of DNA damage. 1999 , 889, 87-106	124
1953	A second mutation in the methylenetetrahydrofolate reductase gene and the risk of venous thrombotic disease. 1999 , 105, 556-559	41
1952	The C677T MTHFR gene mutation is not predictive of risk for recurrent fetal loss. 1999 , 105, 98-101	54
1951	Homocysteine levels in polycythaemia vera and essential thrombocythaemia. 1999 , 105, 551-555	36
1950	How folate fights disease. 1999 , 6, 293-4	1
1949	The structure and properties of methylenetetrahydrofolate reductase from Escherichia coli suggest how folate ameliorates human hyperhomocysteinemia. 1999 , 6, 359-65	315
1948	Mortality risk in men is associated with a common mutation in the methylene-tetrahydrofolate reductase gene (MTHFR). 1999 , 7, 197-204	42
1947	Allelic association of the MTHFR gene with schizophrenia. 1999 , 4, 115-6	11

1946	Genetic determinants of heritable venous thrombosis: genotyping methods for factor V(Leiden)A1691G, methylenetetrahydrofolate reductase C677T, prothrombin G20210A mutation, and algorithms for venous thrombosis investigations. 1999 , 32, 223-8	13
1945	Fasting, postprandial, and post-methionine-load homocysteinaemia and methylenetetrahydrofolate reductase polymorphism in vascular disease. 1999 , 22, 588-92	3
1944	Serum homocysteine, MTHFR gene polymorphism, and carotid intimal-medial thickness in NIDDM subjects. 1999 , 8, 207-12	9
1943	Folate status and neural tube defects. 1999 , 10, 291-4	35
1942	Analysis of three genetic polymorphisms as risk factors for thrombosis. 1999 , 29, 174-5	
1941	Cerebral vascular complication and hyperhomocysteinemia in a cystinotic uremic child. 1999 , 13, 73-6	1
1940	Polymorphic forms of the protein L-isoaspartate (D-aspartate) O-methyltransferase involved in the repair of age-damaged proteins. 1999 , 44, 275-88	42
1939	Genetic and nongenetic factors influencing plasma homocysteine levels in patients with ischemic cerebrovascular disease and in healthy control subjects. 1999 , 133, 575-82	26
1938	Polymorphism for mutation of cytosine to thymine at location 677 in the methylenetetrahydrofolate reductase gene is associated with recurrent early fetal loss. 1999 , 181, 126-30	54
1937	Evaluation of hyperhomocysteinaemia in children with stroke. 1999 , 3, 113-7	31
1936	Annexin II: a mediator of the plasmin/plasminogen activator system. 1999 , 9, 128-38	121
1935	No association between MTHFR gene polymorphism and diabetic nephropathy in Japanese type II diabetic patients with proliferative diabetic retinopathy. 1999 , 13, 284-7	25
1934	Frequencies of platelet-specific alloantigen systems 1-5 in three distinct ethnic groups in Brazil. 1999 , 26, 355-60	33
1933	Temperature and pH effects on single-strand conformation polymorphism analysis by capillary electrophoresis. 1999 , 13, 458-63	25
1932	Methionine synthase D919G polymorphism is a significant but modest determinant of circulating homocysteine concentrations. 1999 , 17, 298-309	187
1931	Decreased proportion of female newborn infants homozygous for the 677 C-->T mutation in methylenetetrahydrofolate reductase. 1999 , 83, 142-3	19
1930	Genetic polymorphisms in methylenetetrahydrofolate reductase and methionine synthase, folate levels in red blood cells, and risk of neural tube defects. 1999 , 84, 151-7	210
1929	Maternal vitamin use, infant C677T mutation in MTHFR, and isolated cleft palate risk. 1999 , 85, 84-85	28

1928	DNA polymorphism-diet-cofactor-development hypothesis and the gene-teratogen model for schizophrenia and other developmental disorders. 1999 , 88, 311-323	28
1927	Methylenetetrahydrofolate reductase (MTHFR): the incidence of mutations C677T and A1298C in the Ashkenazi Jewish population. 1999 , 86, 380-4	51
1926	Linkage disequilibrium of MTHFR genotypes 677C/T-1298A/C in the German population and association studies in probands with neural tube defects(NTD). 1999 , 87, 23-29	86
1925	Distribution of alleles of the methylenetetrahydrofolate reductase (MTHFR) C677T gene polymorphism in familial spina bifida. 1999 , 87, 407-412	12
1924	Prevalence of factor V Leiden, prothrombin G20210A, and MTHFR C677T mutations in a Greek population of blood donors. 1999 , 61, 265-7	46
1923	Clinical relevance of genetic risk factors for thrombosis in paediatric oncology patients with central venous catheters. 1999 , 158 Suppl 3, S143-6	73
1922	The 677T genotype of the common MTHFR thermolabile variant and fasting homocysteine in childhood venous thrombosis. 1999 , 158 Suppl 3, S113-6	33
1921	Increased frequency of genetic thrombophilia in women with complications of pregnancy. 1999 , 340, 9-13	913
1920	Methylenetetrahydrofolate reductase genotypes and early-onset coronary artery disease. 1999 , 100, 2406-10	64
1919	Homocysteine. 1999 , 36, 365-406	38
1918	The "thermolabile" variant of methylenetetrahydrofolate reductase and neural tube defects: An evaluation of genetic risk and the relative importance of the genotypes of the embryo and the mother. 1999 , 64, 1045-55	202
1917	Assessment of genetic markers for coronary thrombosis: promise and precaution. 1999 , 353, 687-8	32
1916	Coronary heart disease. At the interface of molecular genetics and preventive medicine. 1999 , 16, 122-33	28
1915	The emerging importance of genetics in epidemiologic research. I. Basic concepts in human genetics and laboratory technology. 1999 , 9, 1-16	17
1914	Distribution and correlates of elevated total homocyst(e)ine: the Stroke Prevention in Young Women Study. 1999 , 9, 307-13	25
1913	The Emerging Importance of Genetics in Epidemiologic Research III. Bioinformatics and statistical genetic methods. 1999 , 9, 207-24	27
1912	Analysis of prothrombotic and vascular risk factors in patients with nonarteritic anterior ischemic optic neuropathy. 1999 , 106, 739-42	155
1911	Retinal vein occlusion associated with methylenetetrahydrofolate reductase mutation. 1999 , 106, 1817-20	45

1910	D allele of the angiotensin-converting enzyme gene is a risk factor for secondary cardiac events after myocardial infarction. 1999 , 70, 119-25	17
1909	Influence of 5,10-methylenetetrahydrofolate reductase gene polymorphism on plasma homocysteine concentration in patients with end-stage renal disease. 1999 , 34, 259-63	11
1908	MTHFR gene polymorphism and diabetic nephropathy in type 1 diabetes. 1999 , 353, 1156-7	12
1907	Homocysteine and vascular disease. 1999 , 354, 407-13	75 ⁸
1906	C677T gene mutation in methylenetetrahydrofolate reductase as a risk factor for cardiac allograft vasculopathy. 1999 , 31, 99	3
1905	Folate status, homocysteine metabolism, and methylene tetrahydrofolate reductase genotype in rural South African blacks with a history of pregnancy complicated by neural tube defects. 1999 , 48, 269-74	46
1904	A common mutation in the methylenetetrahydrofolate reductase gene is a determinant of hyperhomocysteinemia in epileptic patients receiving anticonvulsants. 1999 , 48, 1047-51	69
1903	Plasma homocysteine levels elevated and inversely related to insulin sensitivity in preeclampsia. 1999 , 93, 489-93	56
1902	Factor V Leiden and other hypercoagulable state mutations are not associated with osteonecrosis during or after treatment for pediatric malignancy. 1999 , 134, 310-4	15
1901	The G20210A mutation of the prothrombin gene in patients with previous first episodes of deep-vein thrombosis: prevalence and association with factor V G1691A, methylenetetrahydrofolate reductase C677T and plasma prothrombin levels. 1999 , 93, 1-8	106
1900	C677T MTHFR mutation and factor V Leiden mutation in patients with TIA/minor stroke: a case-control study. 1999 , 93, 61-9	43
1899	Two multiplex PCR-based DNA assays for the thrombosis risk factors prothrombin G20210A and coagulation factor V G1691A polymorphisms. 1999 , 93, 265-9	12
1898	Treatment of hyperhomocysteinemia with folic acid and vitamins B12 and B6 attenuates thrombin generation. 1999 , 95, 281-8	41
1897	Multiplex analysis of mutations in four genes using fluorescence scanning technology. 1999 , 96, 57-64	13
1896	Thrombosis, factor V Leiden, and inflammatory bowel disease. 1999 , 116, 778-9	0
1895	Reply. 1999 , 116, 779	0
1894	Development of an internal restriction control in the PCR detection of the methylenetetrahydrofolate reductase (MTHFR) C677T mutation. <i>Molecular Diagnosis and Therapy</i> , 1999 , 4, 159-61	1
1893	Homocysteine metabolism. 1999 , 19, 217-46	997

1892	Hypercoagulable state mutation analysis in white patients with early first-trimester recurrent pregnancy loss. 1999 , 71, 1048-53	133
1891	Genetic causes of mild hyperhomocysteinemia in patients with premature occlusive coronary artery diseases. 1999 , 143, 163-70	89
1890	Combination of low-dose folic acid and pyridoxine for treatment of hyperhomocysteinaemia in patients with premature arterial disease and their relatives. 1999 , 143, 177-83	27
1889	Apolipoprotein E and methylenetetrahydrofolate reductase genetic polymorphisms in relation to other risk factors for cardiovascular disease in UK Caucasians and Black South Africans. 1999 , 145, 125-35	34
1888	Hyperhomocysteinemia in high-aged subjects: relation of B-vitamins, folic acid, renal function and the methylenetetrahydrofolate reductase mutation. 1999 , 144, 91-101	76
1887	The genotype interactions of methylenetetrahydrofolate reductase and renin-angiotensin system genes are associated with myocardial infarction. 1999 , 145, 293-300	30
1886	Relationship between total plasma homocysteine, polymorphisms of homocysteine metabolism related enzymes, risk factors and coronary artery disease in the Australian hospital-based population. 1999 , 146, 133-40	77
1885	Reduced frequency of the thermolabile methylenetetrahydrofolate reductase genotype in the elderly. 1999 , 146, 395-7	10
1884	The graded effect of hyperhomocysteinemia on the severity and extent of coronary atherosclerosis. 1999 , 147, 379-86	57
1883	Hyperhomocysteinaemia. 1999 , 12, 451-77	26
1882	The molecular genetics of familial venous thrombosis. 1999 , 12, 479-503	13
1881	The 677C > T mutation in 5,10-methylenetetrahydrofolate reductase and colorectal cancer risk. 1999 , 3, 233-6	36
1880	A multilocus genotyping assay for candidate markers of cardiovascular disease risk. 1999 , 9, 936-49	171
1879	Radial capillary array electrophoresis microplate and scanner for high-performance nucleic acid analysis. 1999 , 71, 5354-61	244
1878	The role of folate transport and metabolism in neural tube defect risk. 1999 , 66, 1-9	53
1877	The C677T methylenetetrahydrofolate reductase polymorphism influences the homocysteine-lowering effect of hormone replacement therapy. 1999 , 67, 43-8	22
1876	Relation between plasma homocysteine concentration, the 844ins68 variant of the cystathionine beta-synthase gene, and pyridoxal-5'-phosphate concentration. 1999 , 67, 352-6	46
1875	A common variant in methionine synthase reductase combined with low cobalamin (vitamin B12) increases risk for spina bifida. 1999 , 67, 317-23	350

1874	Methionine synthase: high-resolution mapping of the human gene and evaluation as a candidate locus for neural tube defects. 1999 , 67, 324-33	26
1873	Methylenetetrahydrofolate reductase gene polymorphism as a risk factor for diabetic nephropathy in IDDM patients. 1999 , 68, 375-8	35
1872	High prevalence of the thermolabile methylenetetrahydrofolate reductase variant in Mexico: a country with a very high prevalence of neural tube defects. 1999 , 68, 461-7	84
1871	<i>Saccharomyces cerevisiae</i> expresses two genes encoding isozymes of methylenetetrahydrofolate reductase. 1999 , 372, 300-8	29
1870	A common mutation A1298C in human methylenetetrahydrofolate reductase gene: association with plasma total homocysteine and folate concentrations. 1999 , 129, 1656-61	182
1869	Abnormal folate metabolism and mutation in the methylenetetrahydrofolate reductase gene may be maternal risk factors for Down syndrome. 1999 , 70, 495-501	341
1868	Polymorphisms of methylenetetrahydrofolate reductase and other enzymes: metabolic significance, risks and impact on folate requirement. 1999 , 129, 919-22	250
1867	DNA polymerase chain reaction using fine needle aspiration biopsy smears to evaluate non-Hodgkin's lymphoma. 1999 , 43, 837-41	25
1866	Evidence of altered homocysteine metabolism in chronic renal failure. 1999 , 83, 314-22	30
1865	Methionine loading in a Down's syndrome patient with cerebral infarction. 1999 , 36 (Pt 2), 252-5	
1864	Recommended approaches for the laboratory measurement of homocysteine in the diagnosis and monitoring of patients with hyperhomocysteinaemia. 1999 , 36 (Pt 3), 372-9	28
1863	Plasma homocyst(e)ine concentration, but not MTHFR genotype, is associated with variation in carotid plaque area. 1999 , 30, 969-73	109
1862	Determinants of fasting and post-methionine homocysteine levels in families predisposed to hyperhomocysteinemia and premature vascular disease. 1999 , 19, 1316-24	21
1861	The A677V methylenetetrahydrofolate reductase gene polymorphism and carotid atherosclerosis. 1999 , 30, 2180-2	42
1860	Plasma homocysteine and the methylenetetrahydrofolate reductase C677T gene variant: lack of association with schizophrenia. 1999 , 10, 2035-8	63
1859	Homocysteine and atherosclerosis. 1999 , 10, 417-28	75
1858	Homocysteine and risk of stroke. 1999 , 6, 235-40	27
1857	Correlation of the C677T MTHFR genotype with homocysteine levels in children with sickle cell disease. 1999 , 21, 397-400	21

1856	The TT genotype of the methylenetetrahydrofolate reductase C677T gene polymorphism is associated with the extent of coronary atherosclerosis in patients at high risk for coronary artery disease. 1999 , 20, 584-92	42
1855	The plasminogen activator inhibitor-1 gene, hypofibrinolysis, and osteonecrosis. 1999 , 133-46	102
1854	Hyperhomocysteinemia and hypofibrinolysis in young adults with ischemic stroke. 1999 , 30, 974-80	50
1853	Homocyst(e)ine and risk of cerebral infarction in a biracial population : the stroke prevention in young women study. 1999 , 30, 1554-60	52
1852	Role of a common mutation in the homocysteine regulatory enzyme methylenetetrahydrofolate reductase in ischemic stroke. 1999 , 8, 54-8	26
1851	Homocyst(e)ine and cardiovascular disease: a critical review of the epidemiologic evidence. 1999 , 131, 363-75	627
1850	Elevated second-trimester serum homocyst(e)ine levels and subsequent risk of preeclampsia. 1999 , 48, 98-103	70
1849	Effect of alcohol intake on the levels of plasma homocysteine in healthy males. 2000 , 46, 171-4	8
1848	Cobalamins and folates as seen through inborn errors of metabolism: a review and perspective. 2000 , 60, 353-81	2
1847	MTHFR gene polymorphism and severe toxicity during adjuvant treatment of early breast cancer with cyclophosphamide, methotrexate, and fluorouracil (CMF). 2000 , 11, 373-4	67
1846	The 677 C-->T mutation in the methylenetetrahydrofolate reductase (MTHFR) gene in five Chinese ethnic groups. 2000 , 50, 268-70	9
1845	Apolipoprotein E, methylenetetrahydrofolate reductase (MTHFR) mutation and the risk of senile dementia--an epidemiological study using the polymerase chain reaction (PCR) method. 2000 , 10, 163-72	41
1844	Genetic polymorphism of enzymes involved in xenobiotic metabolism and the risk of colorectal cancer. 2000 , 10, 349-60	55
1843	Application of the TaqMan-PCR for Genotyping of the Prothrombi G20210A Mutation and of the Thermolabile Methylenetetrahydrofolate Reductase Mutation. 2000 , 84, 144-145	17
1842	Broadsheet number 58: homocysteine and disease. 2000 , 32, 262-273	8
1841	Prothrombotic Risk Factors in Children with Acute Lymphoblastic Leukemia Treated with Delayed E. coli Asparaginase (COALL-92 and 97 Protocols). 2000 , 83, 840-843	65
1840	Thrombophilia, polymorphisms, and vascular disease. 2000 , 53, 300-6	25
1839	Severe thrombotic complications associated with activated protein C resistance acquired by orthotopic liver transplantation. 2000 , 30, 316-20	1

1838	The Role of Vitamin B12 in Fasting Hyperhomocysteinemia and Its Interaction with the Homozygous C677T Mutation of the Methylenetetrahydrofolate Reductase (MTHFR) Gene. 2000 , 83, 563-570	86
1837	Influence of methylenetetrahydrofolate reductase genotype, age, vitamin B-12, and folate status on plasma homocysteine in children. 2000 , 72, 1469-73	59
1836	Inherited Thrombophilia as a Risk Factor for the Development of Ischemic Stroke in Young Adults. 2000 , 83, 229-233	96
1835	Transient focal neurological deficits during pregnancy in carriers of inherited thrombophilia. 2000 , 31, 892-5	12
1834	Factor V Leiden and antiphospholipid antibodies are significant risk factors for ischemic stroke in children. 2000 , 31, 1283-8	262
1833	Supplement to the AHA guidelines for the management of transient ischemic attacks. 2000 , 31, 983-4	
1832	Polymorphisms of genes controlling homocysteine/folate metabolism and cognitive function. 2000 , 11, 1133-6	45
1831	Differing relationships of methylene tetrahydrofolate reductase genotypes with cardiovascular risk in familial and polygenic hypercholesterolaemia. 2000 , 7, 431-4	
1830	Genetic polymorphism of 5,10-methylenetetrahydrofolate increases risk of myocardial infarction and is correlated to elevated levels of homocysteine in the Japanese general population. 2000 , 11, 47-51	15
1829	DNA technology for the detection of common genetic variants that predispose to thrombophilia. 2000 , 11, 683-700	11
1828	Hyperhomocysteinemia in organ transplantation. 2000 , 10, 87-94	7
1827	Severe Preeclampsia and High Frequency of Genetic Thrombophilic Mutations. 2000 , 96, 45-49	2
1826	The impact of the search for thrombophilia risk factors among antiphospholipid syndrome patients with thrombosis. 2000 , 11, 679-82	18
1825	The C677T mutation in the methylenetetrahydrofolate reductase (MTHFR) gene and vascular dementia. 2000 , 48, 664-8	35
1824	Plasma Thiol Status in Preeclampsia. 2000 , 95, 180-184	3
1823	Methylenetetrahydrofolate reductase C677T genotype and venous thromboembolic disease. 2000 , 67, 657-61	28
1822	The effect of 677C-->T and 1298A-->C mutations on plasma homocysteine and 5,10-methylenetetrahydrofolate reductase activity in healthy subjects. 2000 , 83, 593-6	133
1821	Nutritional aspects and possible pathological mechanisms of hyperhomocysteinemia: an independent risk factor for vascular disease. 2000 , 59, 221-37	24

1820	Role of amniotic fluid homocysteine level and of fetal 5, 10-methylenetetrahydrofolate reductase genotype in the etiology of neural tube defects. 2000 , 90, 12-6	32
1819	Amniotic fluid homocysteine levels, 5,10-methylenetetrahydrofolate reductase genotypes, and neural tube closure sites. 2000 , 90, 6-11	32
1818	Methylenetetrahydrofolate reductase deficiency in four siblings: a clinical, biochemical, and molecular study of the family. 2000 , 91, 363-7	12
1817	Causes of venous thrombosis in fifty Chinese patients. 2000 , 63, 74-8	27
1816	Characterization of six novel mutations in the methylenetetrahydrofolate reductase (MTHFR) gene in patients with homocystinuria. 2000 , 15, 280-7	70
1815	Pulmonary thrombosis, homocysteinemia, and reperfusion edema in an adolescent. 2000 , 50, 59-62	
1814	Absence of association between a common mutation in the methylenetetrahydrofolate reductase gene and preeclampsia in Japanese women. 2000 , 93, 122-5	43
1813	Association between presenilin-1 polymorphism and maternal meiosis II errors in Down syndrome. 2000 , 93, 366-72	21
1812	The homozygous C677T mutation in the methylenetetrahydrofolate reductase gene is a genetic risk factor for migraine. 2000 , 96, 762-4	149
1811	Incidence of thrombophilia in patients with Gaucher disease. 2000 , 95, 429-31	10
1810	Methyl group metabolism gene polymorphisms and susceptibility to prostatic carcinoma. 2000 , 45, 225-31	43
1809	Pathophysiology, prevention, and potential treatment of neural tube defects. 2000 , 6, 6-14	48
1808	The thermolabile variant 677C-->T can further reduce activity when expressed in cis with severe mutations for human methylenetetrahydrofolate reductase. 2000 , 16, 132-8	31
1807	Inherited coagulation disorders in cirrhotic patients with portal vein thrombosis. 2000 , 31, 345-8	210
1806	Cause of portal or hepatic venous thrombosis in adults: the role of multiple concurrent factors. 2000 , 31, 587-91	461
1805	A method for homogeneous color-compensated genotyping of factor V (G1691A) and methylenetetrahydrofolate reductase (C677T) mutations using real-time multiplex fluorescence PCR. 2000 , 33, 535-9	29
1804	Hyperhomocysteinemia in hemodialysis patients: effects of 12-month supplementation with hydrosoluble vitamins. 2000 , 58, 851-8	54
1803	Methylenetetrahydrofolate reductase polymorphism in Kawasaki disease. 2000 , 42, 236-40	19

1802	Prevalence of methylenetetrahydrofolate reductase C677T and its association with arterial and venous thrombosis in the Chinese population. 2000 , 109, 870-4	51
1801	Hyperhomocysteinemia and thrombosis. 2000 , 22, 133-43	47
1800	The effect of different treatment regimens in reducing fasting and postmethionine-load homocysteine concentrations. 2000 , 248, 223-9	23
1799	Spina bifida and common mutations at the homocysteine metabolism pathway. 2000 , 57, 230-1	12
1798	The frequency of the C677T substitution in the methylenetetrahydrofolate reductase gene in Manitoba. 2000 , 58, 406-8	6
1797	High-throughput single-strand conformation polymorphism analysis by capillary electrophoresis. 2000 , 741, 115-28	40
1796	Homocysteine, folate, vitamin B-12 and vitamin B-6 in patients receiving antiepileptic drug monotherapy. 2000 , 40, 7-15	53
1795	Genomic structure and transcript variants of the human methylenetetrahydrofolate reductase gene. 2000 , 8, 725-9	32
1794	Association between the methylenetetrahydrofolate reductase 677C-->T missense mutation and schizophrenia. 2000 , 5, 323-6	76
1793	Homocyst(e)ine and the C677T mutation of methylenetetrahydrofolate reductase in survivors of premature myocardial infarction. 2000 , 33, 509-12	5
1792	Abdominal venous thrombosis in neonates and infants: role of prothrombotic risk factors in a multicentre case-control study. 2000 , 111, 534-539	2
1791	Prothrombin 20210 G-->A, MTHFR C677T mutations in women with venous thromboembolism associated with pregnancy. 2000 , 107, 565-9	64
1790	Hyperhomocysteinemia and other thrombotic risk factors in women with placental vasculopathy. 2000 , 107, 785-91	71
1789	Localization of the <i>Leptospira interrogans</i> metF gene on the CII secondary chromosome. 2000 , 191, 259-63	6
1788	Anti-epileptic drug treatment in children: hyperhomocysteinemia, B-vitamins and the 677C-->T mutation of the methylenetetrahydrofolate reductase gene. 2000 , 4, 269-77	42
1787	Common gene variants, mortality and extreme longevity in humans. 2000 , 35, 865-77	42
1786	A homozygosity state for 20210A prothrombin variant in a young woman as cause of a deep venous thrombosis during pregnancy. 2000 , 65, 80-1	5
1785	Low serum folate but normal homocysteine levels in patients with atherosclerotic vascular disease and matched healthy controls. 2000 , 16, 434-8	42

1784	A common mutation in the 5,10-methylenetetrahydrofolate reductase gene as a new risk factor for placental vasculopathy. 2000 , 182, 1258-63	59
1783	Genetic factors associated with thrombosis in pregnancy in a United States population. 2000 , 183, 1271-7	48
1782	Moderate hyperhomocysteinemia and cardiovascular disease. 2000 , 135, 16-25	12
1781	The C677T polymorphism of the methylenetetrahydrofolate reductase gene in Mexican mestizo neural-tube defect parents, control mestizo and native populations. 2000 , 43, 89-92	30
1780	Effect of common methylenetetrahydrofolate reductase gene mutation on coronary artery disease in familial hypercholesterolemia. 2000 , 86, 840-5	26
1779	Key references: Homocysteine and atherothrombotic vascular disease. 2000 , 9, 125-6	1
1778	Inflammatory bowel diseases are not associated with major hereditary conditions predisposing to thrombosis. 2000 , 45, 1465-9	69
1777	Methylenetetrahydrofolate reductase 677C > T mutation and epilepsy. 2000 , 23, 525-6	9
1776	Associations between family history of cancer and genes coding for metabolizing enzymes (United States). 2000 , 11, 799-803	18
1775	The effect of C677T mutation of methylene tetrahydrofolate reductase gene and plasma folate level on hyperhomocysteinemia in patients with meningomyelocele. 2000 , 16, 559-63	7
1774	Association of methylenetetrahydrofolate reductase (MTHFR) polymorphism with bone mineral density in postmenopausal Japanese women. 2000 , 66, 190-4	119
1773	The molecular mechanisms of inherited thrombophilia. 2000 , 89, 575-86	11
1772	Recent portal or mesenteric venous thrombosis: increased recognition and frequent recanalization on anticoagulant therapy. 2000 , 32, 466-70	394
1771	Novel risk factors for stroke: homocysteine, inflammation, and infection. 2000 , 2, 110-4	11
1770	New polymorphisms in the human poly(ADP-ribose) polymerase-1 coding sequence: lack of association with longevity or with increased cellular poly(ADP-ribosyl)ation capacity. 2000 , 78, 431-440	20
1769	Prevalence of prothrombin 20210A allele and methylenetetrahydrofolate reductase C677T genetic mutations in the Chinese population. 2000 , 79, 239-42	16
1768	[Homocysteine and its metabolites in chronic renal insufficiency and the effect of a vitamin replacement]. 2000 , 95, 477-81	
1767	Prothrombotic genetic risk factors in chronic daily headache. 2000 , 1, S183-S185	

1766	Linkage disequilibrium of the common mutations 677C > T and 1298A > C of the human methylenetetrahydrofolate reductase gene as proven by the novel polymorphisms 129C > T, 1068C > T. 2000 , 159, 472-3	17
1765	The C677T mutation in the methylene tetrahydrofolate reductase gene increases serum uric acid in elderly men. 2000 , 45, 257-62	21
1764	Increased lipoprotein (a) levels as an independent risk factor for venous thromboembolism. 2000 , 96, 3364-3368	141
1763	Riboflavin as a Determinant of Plasma Total Homocysteine: Effect Modification by the Methylenetetrahydrofolate Reductase C677T Polymorphism. 2000 , 46, 1065-1071	196
1762	High prevalence of hyperhomocysteinemia in critically ill patients. 2000 , 28, 991-5	24
1761	Intermediate and Severe Hyperhomocysteinemia with Thrombosis: A Study of Genetic Determinants. 2000 , 83, 554-558	35
1760	Conversion of 5-formyltetrahydrofolic acid to 5-methyltetrahydrofolic acid is unimpaired in folate-adequate persons homozygous for the C677T mutation in the methylenetetrahydrofolate reductase gene. 2000 , 130, 2238-42	21
1759	The association between two common mutations C677T and A1298C in human methylenetetrahydrofolate reductase gene and the risk for diabetic nephropathy in type II diabetic patients. 2000 , 130, 2493-7	40
1758	Cardiovascular Risk Factors in Renal Transplant Recipients. 2000 , 23, 730-735	1
1757	The Clinical Significance of Serum Homocysteine in Coronary Artery Diseases. 2000 , 30, 1357	
1756	Constraint-induced movement therapy and massed practice. 2000 , 31, 986-8	51
1755	Non-fasting reference intervals for the Abbott IMx homocysteine and AxSYM plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C->T mutation on homocysteine. 2000 , 37 (Pt 3), 390-8	7
1754	Genotyping of Factor V G1691A (Leiden) without the Use of PCR by Invasive Cleavage of Oligonucleotide Probes. 2000 , 46, 1051-1056	43
1753	Accurate and Rapid Multiplex Heteroduplexing Method for Genotyping Key Enzymes Involved in Folate/Homocysteine Metabolism. 2000 , 46, 907-912	33
1752	Which targets are relevant for therapy of acute ischemic stroke?. 2000 , 31, 984-6	8
1751	Effects of statins on ischemic stroke: neuroprotection and/or triggering of apoptotic damage?. 2000 , 31, 989-90	6
1750	The A677V MTHFR allele is not associated with carotid atherosclerosis in octogenarians. 2000 , 31, 990-1	4
1749	Postprandial factor VII metabolism: the effect of the R353Q and 10 bp polymorphisms. 2000 , 83, 467-472	1

1748	5,10-methylenetetrahydrofolate reductase common mutations, folate status and plasma homocysteine in healthy French adults of the Supplementation en Vitamines et Mineraux Antioxydants (SU.VI.MAX) cohort. 2000 , 84, 891-896	51
1747	Supplement to the AHA Guidelines for the Management of Transient Ischemic Attacks. 2000 , 31, 983-991	
1746	Contribution of the Cystathionine β -Synthase Gene (844ins68) Polymorphism to the Risk of Early-onset Venous and Arterial Occlusive Disease and of Fasting Hyperhomocysteinemia. 2000 , 84, 576-582	50
1745	Frequent polymorphism of the human methylenetetrahydrofolate reductase. 2000 , 31, 990	6
1744	Glutamate carboxypeptidase II: a polymorphism associated with lower levels of serum folate and hyperhomocysteinemia. 2000 , 9, 2837-44	125
1743	Nutrition, genetics, and risks of cancer. 2000 , 21, 47-64	50
1742	Molecular Pathology Protocols. 2000 ,	
1741	Sensitive detection of DNA polymorphisms by the serial invasive signal amplification reaction. 2000 , 97, 8272-7	208
1740	Homocysteine in inflammatory bowel disease: a risk factor for thromboembolic complications?. 2000 , 95, 2825-30	80
1739	Prospective evaluation of the risk conferred by factor V Leiden and thermolabile methylenetetrahydrofolate reductase polymorphisms in pregnancy. 2000 , 20, 266-70	126
1738	Thrombophilia in pregnancy. 2000 , 53, 573-80	69
1737	677 C->T Polymorphism of the Methylenetetrahydrofolate Reductase Gene and Preeclampsia. 2000 , 96, 277-280	
1736	The number of dichorionic twin pregnancies is reduced by the common MTHFR 677C->T mutation. 2000 , 15, 2659-62	32
1735	Maternal and neonatal outcome of preeclamptic pregnancies: the potential roles of factor V Leiden mutation and 5,10 methylenetetrahydrofolate reductase. 2000 , 19, 163-72	90
1734	Vitamins and homocysteine metabolism. 2000 , 60, 333-52	3
1733	5,10-Methylenetetrahydrofolate reductase gene variants and congenital anomalies: a HuGE review. 2000 , 151, 862-77	730
1732	Mutations in coagulation factors in women with unexplained late fetal loss. 2000 , 343, 1015-8	259
1731	Plasma homocysteine and MTHFR C677T genotype in levodopa-treated patients with PD. 2000 , 55, 437-40	138

1730	Homocysteine metabolism and effects of folic acid supplementation in patients affected with spina bifida. 2000 , 31, 298-302	8
1729	Molecular diagnosis of hereditary thrombotic disorders. 2001 , 49, 413-26	
1728	Thrombophilia and adverse pregnancy outcome. 2000 , 18, 369-77	13
1727	Methylenetetrahydrofolate reductase polymorphisms in preeclampsia and the HELLP syndrome. 2000 , 19, 299-307	48
1726	Homocysteine and renal disease. 2000 , 26, 313-24	54
1725	Genetic modulation of homocysteinemia. 2000 , 26, 255-61	61
1724	Effects of methionine-induced hyperhomocysteinemia on endothelium-dependent vasodilation and oxidative status in healthy adults. 2000 , 101, 485-90	125
1723	Ethnic differences in the frequency of the C677T mutation in the methylenetetrahydrofolate reductase (MTHFR) gene in healthy Israeli populations. 2000 , 4, 309-11	16
1722	Prothrombin and factor V mutations in women with a history of thrombosis during pregnancy and the puerperium. 2000 , 342, 374-80	414
1721	Therapeutic potential of total homocysteine-lowering drugs on cardiovascular disease. 2000 , 9, 2637-51	5
1720	Plasma homocysteine and lipoprotein profile in patients with peripheral arterial occlusive disease. 2000 , 51, 189-96	22
1719	Association between high homocyst(e)ine and ischemic stroke due to large- and small-artery disease but not other etiologic subtypes of ischemic stroke. 2000 , 31, 1069-75	194
1718	Children with stroke: polymorphism of the MTHFR gene, mild hyperhomocysteinemia, and vitamin status. 2000 , 15, 295-8	62
1717	Familial thrombophilia associated with homozygosity for the cystathionine beta-synthase 833T-->C mutation. 2000 , 20, 1392-5	29
1716	No association of glutathione S-transferase M1 gene polymorphism with diabetic nephropathy in Japanese type 2 diabetic patients. 2000 , 22, 479-86	19
1715	Recurrent miscarriage syndrome due to blood coagulation protein/platelet defects: prevalence, treatment and outcome results. DRW Metroplex Recurrent Miscarriage Syndrome Cooperative Group. 2000 , 6, 115-25	54
1714	Methylenetetrahydrofolate reductase 677 C-->T mutation and coronary heart disease risk in UK Indian Asians. 2000 , 20, 2448-52	50
1713	Prevalence of genetic mutations that predispose to thrombophilia in a Greek Cypriot population. 2000 , 6, 104-7	28

1712	Peri-operative management of patients with coagulation disorders. 2000 , 85, 446-55	53
1711	Prevalence of the C677T methylenetetra- hydrofolate reductase mutation in Thai patients with deep vein thrombosis. 2000 , 103, 191-6	20
1710	Nondisjunction in trisomy 21: origin and mechanisms. 2000 , 91, 199-203	59
1709	Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency. 2000 , 37 (Pt 3), 304-12	1
1708	Pathogenicity of thermolabile methylenetetrahydrofolate reductase for vascular dementia. 2000 , 20, 1921-5	43
1707	Methylenetetrahydrofolate reductase 677 C --> T polymorphism, plasma folate, vitamin B(12) concentrations, and risk of preeclampsia among black African women from Zimbabwe. 2000 , 69, 33-9	47
1706	Investigation of folate pathway gene polymorphisms and the incidence of neural tube defects in a Texas hispanic population. 2000 , 70, 45-52	72
1705	Polymorphisms in the CBS gene associated with decreased risk of coronary artery disease and increased responsiveness to total homocysteine lowering by folic acid. 2000 , 70, 53-60	47
1704	Altered folate metabolism and disposition in mothers affected by a spina bifida pregnancy: influence of 677c --> t methylenetetrahydrofolate reductase and 2756a --> g methionine synthase genotypes. 2000 , 70, 27-44	49
1703	Folic acid: nutritional biochemistry, molecular biology, and role in disease processes. 2000 , 71, 121-38	595
1702	A polymorphism (80G->A) in the reduced folate carrier gene and its associations with folate status and homocysteinemia. 2000 , 70, 310-5	264
1701	Betaine-homocysteine methyltransferase (BHMT): genomic sequencing and relevance to hyperhomocysteinemia and vascular disease in humans. 2000 , 71, 511-9	59
1700	Genetic basis of hyperhomocysteinemia. 2000 , 71, 478-80	4
1699	Hyperhomocysteinemia: a risk factor for central retinal vein occlusion. 2000 , 129, 640-4	62
1698	The human and mouse methylenetetrahydrofolate reductase (MTHFR) genes: genomic organization, mRNA structure and linkage to the CLCN6 gene. 2000 , 257, 279-89	42
1697	Hyperhomocystinemia in patients with nonarteritic anterior ischemic optic neuropathy, central retinal artery occlusion, and central retinal vein occlusion. 2000 , 107, 1588-92	122
1696	Homocysteine-induced changes in mRNA levels of genes coding for cytoplasmic- and endoplasmic reticulum-resident stress proteins in neuronal cell cultures. 2000 , 84, 32-40	41
1695	From anemia to spina bifida - the story of folic acid. A tribute to Professor Richard Smithells. 2000 , 90, 119-23	375

1694	Neural tube defects and a disturbed folate dependent homocysteine metabolism. 2000 , 92, 57-61	61
1693	Methylenetetrahydrofolate reductase polymorphism and risk of colorectal adenomas. 2000 , 151, 181-6	44
1692	[Should we consider hyperhomocysteinemia as a vascular risk factor?]. 2000 , 21, 229-30	0
1691	Methylenetetrahydrofolate reductase mutation (677C-->T) negatively influences plasma homocysteine response to marginal folate intake in elderly women. 2000 , 49, 1440-3	41
1690	Lack of association between carotid intima-media thickness and methylenetetrahydrofolate reductase gene polymorphism or serum homocysteine in non-insulin-dependent diabetes mellitus. 2000 , 49, 718-23	29
1689	Special oversight groups to add protections for population-based repository samples. 2000 , 66, 745-7	2
1688	Reply to Donnelly. 2000 , 66, 744-745	27
1687	Neonatal and fetal methylenetetrahydrofolate reductase genetic polymorphisms: an examination of C677T and A1298C mutations. 2000 , 67, 986-90	168
1686	Plasma homocysteine concentrations and insulin sensitivity in hypertensive subjects. 2000 , 13, 14-20	45
1685	A C677T mutation in the methylenetetrahydrofolate reductase gene modifies serum cysteine in dialysis patients. 2000 , 36, 925-33	9
1684	Association of the C677T polymorphism in the MTHFR gene with breast and/or ovarian cancer risk in Jewish women. 2000 , 36, 2313-6	84
1683	Severe preeclampsia and high frequency of genetic thrombophilic mutations. 2000 , 96, 45-9	109
1682	677 C-->T polymorphism of the methylenetetrahydrofolate reductase gene and preeclampsia. 2000 , 96, 277-80	49
1681	Detection of methylenetetrahydrofolate reductase (MTHFR) C677T and prothrombin G20210A mutations: second restriction site for digestion control of PCR products. 2000 , 301, 219-23	3
1680	Sudden infant death syndrome, childhood thrombosis, and presence of genetic risk factors for thrombosis. 2000 , 98, 233-9	5
1679	The allele frequency of mutations in four genes that confer enhanced susceptibility to venous thromboembolism in an unselected group of New York State newborns. 2000 , 99, 317-24	35
1678	Protein C and protein S deficiencies are the most important risk factors associated with thrombosis in Chinese venous thrombophilic patients in Taiwan. 2000 , 99, 447-52	67
1677	Prothrombotic risk factors in children with spontaneous venous thrombosis and their asymptomatic parents: a family study. 2000 , 99, 531-7	47

1676	Prevalence of three prothrombotic polymorphisms. Factor V G1691A, factor II G20210A and methylenetetrahydrofolate reductase (MTHFR) C 677T in Argentina. On behalf of the Grupo Cooperativo Argentino de Hemostasia y Trombosis. 2000 , 100, 127-31	14
1675	C677T mutation in the methylene tetrahydrofolate reductase gene as a risk factor for venous thrombotic disease in Austrian patients. 2000 , 100, 405-7	13
1674	Low plasma folate in combination with the 677 C-->T methylenetetrahydrofolate reductase polymorphism is associated with increased risk of coronary artery disease in Koreans. 2000 , 97, 77-84	11
1673	Effect of methylenetetrahydrofolate reductase 677 C-T, 1298 A-C, and 1317 T-C on factor V 1691 mutation in Turkish deep vein thrombosis patients. 2000 , 97, 163-7	55
1672	The prevalence of C677T mutation in the methylenetetrahydrofolate reductase gene and its association with venous thrombophilia in Taiwanese Chinese. 2000 , 97, 89-94	25
1671	Common C677T polymorphism in the methylenetetrahydrofolate reductase gene increases the risk for deep vein thrombosis in patients with predisposition of thrombophilia. 2000 , 98, 1-8	27
1670	New polymorphisms in the human poly(ADP-ribose) polymerase-1 coding sequence: lack of association with longevity or with increased cellular poly(ADP-ribosyl)ation capacity. 2000 , 78, 431-40	51
1669	Genetic determinants of hyperhomocysteinaemia: the roles of cystathionine beta-synthase and 5,10-methylenetetrahydrofolate reductase. 2000 , 159 Suppl 3, S208-12	26
1668	[Lowering high levels of fasting total homocysteine with folic acid and vitamins B in patients with venous thromboembolism: relationship between response and the C677T methylenetetrahydrofolate reductase (MTHRF) genotype]. 2000 , 114, 7-12	2
1667	Primary prevention of neural-tube defects and some other major congenital abnormalities: recommendations for the appropriate use of folic acid during pregnancy. 2000 , 2, 437-49	53
1666	Thrombin generation in children with acute lymphoblastic leukemia: effect of leukemia immunophenotypic subgroups. 2000 , 17, 667-72	30
1665	Normal frequencies of the C677T genotypes on the methylenetetrahydrofolate reductase (MTHFR) gene among lymphoproliferative disorders but not in multiple myeloma. 2000 , 39, 607-12	23
1664	Symptomatic ischemic stroke in full-term neonates : role of acquired and genetic prothrombotic risk factors. 2000 , 31, 2437-41	283
1663	[Deep venous thrombosis: present and future]. 2000 , 114, 584-96	2
1662	Homocysteine, B vitamins, and coronary artery disease. 2000 , 84, 215-37, x	49
1661	Efficient recovery of DNA from peripheral blood for diagnostic analysis with a vacuum manifold. <i>Molecular Diagnosis and Therapy</i> , 2000 , 5, 151-154	
1660	The effect of estrogen replacement therapy on total plasma homocysteine in healthy postmenopausal women. 2000 , 75, 18-23	28
1659	Automated extraction and amplification of DNA from whole blood using a robotic workstation and an integrated thermocycler. 2000 , 32, 121-5	18

1658	Occlusive vascular diseases in oral contraceptive users. Epidemiology, pathology and mechanisms. 2000 , 60, 721-869	34
1657	The methylenetetrahydrofolate reductase gene is associated with increased cardiovascular risk in Japan, but not in other populations. 2000 , 153, 161-8	31
1656	Polygenic influence on plasma homocysteine: association of two prevalent mutations, the 844ins68 of cystathionine beta-synthase and A(2756)G of methionine synthase, with lowered plasma homocysteine levels. 2000 , 149, 131-7	122
1655	Methylene tetrahydrofolate reductase (MTHFR) and nitric oxide synthase (ecNOS) genes and risks of peripheral arterial disease and coronary heart disease: Edinburgh Artery Study. 2000 , 150, 179-85	58
1654	Plasma total homocysteine levels in postmenopausal women with unstable coronary artery disease. 2000 , 151, 423-31	5
1653	Community-living nonagenarians in northern ireland have lower plasma homocysteine but similar methylenetetrahydrofolate reductase thermolabile genotype prevalence compared to 70-89-year-old subjects. 2000 , 149, 207-14	27
1652	Importance of folate in human nutrition. 2001 , 85 Suppl 2, S115-24	55
1651	Folic acid. 2001 , 38, 183-223	67
1650	Homozygous methylenetetrahydrofolate reductase C677T mutation and male infertility. 2001 , 344, 1172-3	107
1649	Low seminal plasma folate concentrations are associated with low sperm density and count in male smokers and nonsmokers. 2001 , 75, 252-9	90
1648	Renal function, plasma homocysteine and carotid atherosclerosis in elderly people. 2001 , 154, 141-6	15
1647	Influence of a methionine synthase (D919G) polymorphism on plasma homocysteine and folate levels and relation to risk of myocardial infarction. 2001 , 154, 667-72	131
1646	The effect of the C677T and A1298C polymorphisms in the methylenetetrahydrofolate reductase gene on homocysteine levels in elderly men and women from the British regional heart study. 2001 , 154, 659-66	59
1645	The 1298A-->C polymorphism in methylenetetrahydrofolate reductase (MTHFR): in vitro expression and association with homocysteine. 2001 , 156, 409-15	304
1644	Identification of six methylenetetrahydrofolate reductase (MTHFR) genotypes resulting from common polymorphisms: impact on plasma homocysteine levels and development of coronary artery disease. 2001 , 154, 651-8	41
1643	Plasma homocysteine, methylenetetrahydrofolate reductase mutation and carotid damage in elderly healthy women. 2001 , 157, 175-80	38
1642	The methionine synthase reductase (MTRR) A66G polymorphism is a novel genetic determinant of plasma homocysteine concentrations. 2001 , 157, 451-6	202
1641	Homocysteine and cardiovascular disease in diabetes mellitus. 2001 , 159, 497-511	98

1640	Optimization of dietary folate or low-dose folic acid supplements lower homocysteine but do not enhance endothelial function in healthy adults, irrespective of the methylenetetrahydrofolate reductase (C677T) genotype. 2001 , 38, 1799-805	51
1639	Pharmacogenetics of methotrexate: toxicity among marrow transplantation patients varies with the methylenetetrahydrofolate reductase C677T polymorphism. 2001 , 98, 231-4	235
1638	Candidate genes as potential links between periodontal and cardiovascular diseases. 2001 , 6, 48-57	26
1637	Prothrombotic inherited abnormalities other than factor v leiden mutation do not play a role in venous thrombosis in inflammatory bowel disease. 2001 , 96, 1448-1454	9
1636	Genetic defects as important factors for moderate hyperhomocysteinemia. 2001 , 39, 698-704	47
1635	Genetic variation of the methylenetetrahydrofolate reductase and cystathionine beta-synthase genes in Korean patients with coronary artery disease and a new polymorphism in intron 7. 2001 , 15, 119-23	5
1634	Methylenetetrahydrofolate reductase polymorphism, type II diabetes mellitus, coronary artery disease, and essential hypertension in the Czech population. 2001 , 73, 188-95	43
1633	An examination of polymorphic genes and folate metabolism in mothers affected by a spina bifida pregnancy. 2001 , 73, 322-32	27
1632	MTHFR gene polymorphism, homocysteine and cardiovascular disease. 2001 , 4, 493-7	98
1631	Risk factors for atherosclerosis in survivors of myocardial infarction and their spouses: comparison to controls without personal and family history of atherosclerosis. 2001 , 50, 24-9	14
1630	Factors explaining the difference of total homocysteine between men and women in the European Investigation Into Cancer and Nutrition Potsdam study. 2001 , 50, 640-5	76
1629	Homocysteine: a novel risk factor in vascular disease. 2001 , 5, 89-99	5
1628	Maternal plasma homocysteine levels in women with preterm premature rupture of membranes. 2001 , 56, 85-90	15
1627	Reduced total plasma homocyst(e)ine in children and adolescents with type 1 diabetes. 2001 , 138, 888-93	29
1626	C677T MTHFR genotypes show graded response to vitamin B12 dependent regeneration of tetrahydrofolate, the main congener of all cellular folates. 2001 , 21, 1357-1362	1
1625	Efficacy of folinic versus folic acid for the correction of hyperhomocysteinemia in hemodialysis patients. 2001 , 37, 758-65	36
1624	Genetic aspects of venous thrombosis. 2001 , 95, 189-92	7
1623	Clotting disorders and placental abruption: homocysteine--a new risk factor. 2001 , 95, 206-12	40

1622	Hyperhomocysteinaemia: a risk factor for preeclampsia?. 2001 , 95, 226-8	44
1621	Combined heterozygosity for methylenetetrahydrofolate reductase (MTHFR) mutations C677T and A1298C is associated with abruptio placentae but not with intrauterine growth restriction. 2001 , 97, 174-7	33
1620	The C677T methylenetetrahydrofolate reductase mutation is not associated with Alzheimer's disease. 2001 , 315, 103-5	43
1619	Detection of a single base substitution in a single cell using the LightCycler. 2001 , 47, 121-9	15
1618	A new approach for point mutation detection based on a ligase chain reaction. 2001 , 50, 79-89	8
1617	Biological and clinical implications of the MTHFR C677T polymorphism. 2001 , 22, 195-201	411
1616	The methylenetetrahydrofolate reductase gene polymorphism in Koreans with coronary artery disease. 2001 , 78, 13-7	16
1615	Molecular genetics and gene expression in atherosclerosis. 2001 , 80, 161-72	38
1614	Hypercoagulable thrombophilic defects and hyperhomocysteinemia in patients with recurrent pregnancy loss. 2001 , 45, 65-71	76
1613	Primary biliary malignant lymphoma clinically mimicking cholangiocarcinoma: a case report and review of the literature. 2001 , 5, 25-33	28
1612	5,10-Methylenetetrahydrofolate reductase polymorphism and early organ damage in primary hypertension. 2001 , 14, 371-6	23
1611	DonnÉs rÉcentes sur l'homocystÉine. 2001 , 16, 78-86	
1610	Postnatal screening for thrombophilia in women with severe pregnancy complications. 2001 , 97, 753-9	62
1609	Pathologic features of the placenta in women with severe pregnancy complications and thrombophilia. 2001 , 98, 1041-4	70
1608	Unexplored territories in the nonsurgical patient: a look at pregnancy. 2001 , 38, 39-48	3
1607	Plasma homocysteine levels and C677T MTHFR gene polymorphism in stable renal graft recipients. 2001 , 33, 1156-8	9
1606	Coexistence of thrombophilic gene polymorphisms among 559 unrelated consecutive patients with a history of thrombosis. 2001 , 101, 317-9	2
1605	Common mutations at the homocysteine metabolism pathway and pediatric stroke. 2001 , 102, 115-20	75

1604	Importance of hyperhomocysteinemia as a risk factor for venous thromboembolism in a Taiwanese population. A case-control study. 2001 , 102, 387-95	25
1603	Mutations in the genes regulating methylene tetrahydrofolate reductase (MTHFR C-->T677) and cystathione beta-synthase (CBS G-->A919, CBS T-->c833) are not associated with myocardial infarction in African Americans. 2001 , 103, 109-15	19
1602	Thrombotic events revisited in children with acute lymphoblastic leukemia: impact of concomitant Escherichia coli asparaginase/prednisone administration. 2001 , 103, 165-72	92
1601	MTHFR 677 C-->T mutation: a predictor of early-onset coronary artery disease risk. 2001 , 103, 275-9	14
1600	Gene polymorphisms of homocysteine metabolism-related enzymes in Chinese patients with occlusive coronary artery or cerebral vascular diseases. 2001 , 104, 187-95	69
1599	Major and potential prothrombotic genotypes in a cohort of patients with venous thromboembolism. 2001 , 104, 317-24	29
1598	Maternal folate supplementation in pregnancy and protection against acute lymphoblastic leukaemia in childhood: a case-control study. 2001 , 358, 1935-40	195
1597	Variación genética y enfermedad aterosclerótica periférica: estudio preliminar. 2001 , 53, 310-320	1
1596	Acute renal vein thrombosis, oral contraceptive use, and hyperhomocysteinemia. 2001 , 76, 212-4	2
1595	Correlation between C677T MTHFR gene polymorphism, plasma homocysteine levels and the incidence of CAD. 2001 , 1, 353-61	25
1594	Polymorphisms in the methylenetetrahydrofolate reductase gene: clinical consequences. 2001 , 1, 189-201	151
1593	Mice deficient in methylenetetrahydrofolate reductase exhibit hyperhomocysteinemia and decreased methylation capacity, with neuropathology and aortic lipid deposition. 2001 , 10, 433-43	458
1592	Factor V Leiden, prothrombin gene G20210A variant, and methylenetetrahydrofolate reductase C677T genotype in young adults with ischemic stroke. 2001 , 7, 346-50	48
1591	Semiautomated DNA Mutation Analysis Using a Robotic Workstation and Molecular Beacons. 2001 , 47, 739-744	18
1590	An association study of five genetic loci and left ventricular hypertrophy amongst Gulf Arabs. 2001 , 24, 635-9	15
1589	Prevalence of Molecular Risk Factors FV Leiden, FV HR2, FII 20210G>A and MTHFR 677C>T in Different Populations and Ethnic Groups of Germany, Costa Rica and India. 2001 , 1, 33-39	14
1588	Folate supplementation in peritoneal dialysis patients with normal erythrocyte folate: effect on plasma homocysteine. 2001 , 89, 297-302	14
1587	Low serum and red blood cell folate are moderately, but nonsignificantly associated with increased risk of invasive cervical cancer in U.S. women. 2001 , 131, 2040-8	22

1586	Are New Toxins Appearing on the Horizon?. 2001 , 133, 28-41	2
1585	Genetic background: patients. 2001 , 134, 1-8	1
1584	Thrombophilia, Thrombosis and Pregnancy. 2001 , 86, 104-111	70
1583	Homocysteine--a novel risk factor for vascular disease. 2001 , 94, 10-3	20
1582	Deficiencies of folate and vitamin B(6) exert distinct effects on homocysteine, serine, and methionine kinetics. 2001 , 281, E1182-90	45
1581	Limits of the genetic revolution. 2001 , 155, 1204-9	19
1580	Genetic Screening of Candidate Genes for a Prothrombotic Interaction with Type I Protein C Deficiency in a Large Kindred. 2001 , 85, 82-87	20
1579	The Effects of Serum Homocysteine on the Restenosis after Percutaneous Coronary Intervention. 2001 , 31, 560	2
1578	Age-dependent Prevalence of Vascular Disease-associated Polymorphisms among 2689 Volunteer Blood Donors. 2001 , 47, 1879-1884	34
1577	C677T and A1298C Polymorphisms of the Methylenetetrahydrofolate Reductase Gene: Incidence and Effect of Combined Genotypes on Plasma Fasting and Post-Methionine Load Homocysteine in Vascular Disease. 2001 , 47, 661-666	140
1576	A rapid and cost-effective method for analysis of three common genetic risk factors for thrombosis. 2001 , 12, 33-6	1
1575	Postnatal Screening for Thrombophilia in Women With Severe Pregnancy Complications. 2001 , 97, 753-759	42
1574	Coexistence of the methylenetetrahydrofolate reductase single-nucleotide polymorphism (C677T) in patients with the factor V Leiden or prothrombin G20210A polymorphisms. 2001 , 10, 111-5	3
1573	Genetic predisposition to coronary artery disease. 2001 , 16, 251-60	40
1572	Silent stroke: pathogenesis, genetic factors and clinical implications as a risk factor. 2001 , 14, 77-82	28
1571	Thrombosis in the intensive care unit: etiology, diagnosis, management, and prevention in adults and children. 2001 , 9, 173-82	7
1570	e Renal Vein Thrombosis, Oral Contraceptive Use, and Hyperhomocysteinemia. 2001 , 76, 212-214	5
1569	Homozygosity for the C677-->T mutation of 5,10-methylenetetrahydrofolate reductase and total plasma homocyst(e) ine are not associated with greater than normal risk of a first myocardial infarction in northern Sweden. 2001 , 12, 85-90	17

1568	Comparative prevalence of antiphospholipid antibodies and thrombophilic genotypes in consecutive patients with venous thrombosis. 2001 , 12, 659-65	9
1567	High cysteine levels in renal transplant recipients: relationship with hyperhomocysteinemia and 5,10-MTHFR polymorphism. 2001 , 71, 746-51	19
1566	Homocysteine, vitamins and gene mutations in peripheral arterial disease. 2001 , 12, 469-75	10
1565	Impact of plasma homocysteine and prothrombin G20210 A on primary antiphospholipid syndrome. 2001 , 12, 699-704	17
1564	Hypofibrinolysis, thrombophilia, osteonecrosis. 2001 , 19-33	176
1563	Clues to the etiology of childhood brain cancer: N-nitroso compounds, polyomaviruses, and other factors of interest. 2001 , 19, 630-40	18
1562	C677T methylenetetrahydrofolate reductase polymorphism is not a risk factor for pre-eclampsia/eclampsia among Australian women. 2001 , 51, 20-2	36
1561	Association between polymorphisms of folate- and methionine-metabolizing enzymes and susceptibility to malignant lymphoma. 2001 , 97, 3205-9	161
1560	Phase I clinical and pharmacogenetic trial of irinotecan and raltitrexed administered every 21 days to patients with cancer. 2001 , 19, 4081-7	40
1559	Folate, homocysteine and neural tube defects: an overview. 2001 , 226, 243-70	217
1558	The C677T mutation of the methylenetetrahydrofolate reductase gene is not associated with the risk of coronary artery disease or venous thrombosis among Chinese in Taiwan. 2001 , 51, 41-5	31
1557	Thrombophilic DNA Mutations As Independent Risk Factors for Stroke and Avascular Necrosis in Sickle Cell Anemia. 2001 , 6, 347-53	3
1556	Reduction of the homocysteine plasma concentration by intravenously administered folinic acid and vitamin B(12) in uraemic patients on maintenance haemodialysis. 2001 , 21, 294-9	6
1555	Folate status in women of childbearing age residing in Southern California after folic acid fortification. 2001 , 20, 129-34	46
1554	Highlights von der Bigenstock-Konferenz. 2001 , 49, 1038-1047	1
1553	Genetic, dietary, and other lifestyle determinants of plasma homocysteine concentrations in middle-aged and older Chinese men and women in Singapore. 2001 , 73, 232-9	115
1552	Gene-environment and Gene-gene Interaction in the Determination of Plasma Homocysteine Levels in Healthy Middle-aged Men. 2001 , 85, 67-74	74
1551	Genetics of arterial prothrombotic risk states. 2001 , 226, 409-19	44

1550	Polymorphisms of key enzymes in homocysteine metabolism affect diet responsiveness of plasma homocysteine in healthy women. 2001 , 131, 2643-7	67
1549	Relationships between Homocysteine, Folate and Vitamin B12 Levels with the Methylenetetrahydrofolate Reductase Polymorphism, in Indians from Western Venezuela. 2001 , 85, 186-187	4
1548	Cerebrovascular events in patients with significant stenosis of the carotid artery are associated with hyperhomocysteinemia and platelet antigen-1 (Leu33Pro) polymorphism. 2001 , 32, 2753-8	52
1547	Elevated plasma homocysteine levels and risk of silent brain infarction in elderly people. 2001 , 32, 1116-9	124
1546	A second common variant in the methylenetetrahydrofolate reductase (MTHFR) gene and its relationship to MTHFR enzyme activity, homocysteine, and cardiovascular disease risk. 2001 , 79, 522-8	125
1545	Hyperhomocysteinemia and thrombosis. 2001 , 36 Suppl, S13-26	29
1544	Diagnosis and treatment of hyperhomocysteinemia. 2001 , 3, 54-63	4
1543	An association of 5,10-methylenetetrahydrofolate reductase (MTHFR) gene polymorphism and common carotid atherosclerosis. 2001 , 46, 506-10	28
1542	Interaction of folate and homocysteine pathway genotypes evaluated in susceptibility to neural tube defects (NTD) in a German population. 2001 , 46, 105-9	55
1541	Die Bedeutung von Mutationen in den Genen für Faktor V, Faktor II und der Methylenetetrahydrofolatreduktase bei habituellen Aborten. 2001 , 17, 42-47	2
1540	Plasma homocysteine concentration in children with chronic renal failure. 2001 , 16, 805-11	43
1539	Autosomal dominant peripheral cystic retinal patches and non-cystic retinal tufts associated with peripapillary crescents, retinal breaks and uveitis. 2001 , 239, 102-8	2
1538	The effect of polymorphisms of MTHFR gene and vitamin B on hyperhomocysteinemia. 2001 , 21, 17-20	3
1537	High prevalence of hyperhomocysteinemia in chronic alcoholism: the importance of the thermolabile form of the enzyme methylenetetrahydrofolate reductase (MTHFR). 2001 , 25, 59-67	41
1536	Genetics University of Toronto Thrombophilia Study in Women (GUTTSI): genetic and other risk factors for venous thromboembolism in women. 2001 , 2, 141-149	29
1535	The history of folic acid. 2001 , 113, 579-89	95
1534	The methylenetetrahydrofolate reductase C677T gene polymorphism decreases the risk of childhood acute lymphocytic leukaemia. 2001 , 115, 616-8	112
1533	Determinants of changes in plasma homocysteine in hyperthyroidism and hypothyroidism. 2001 , 54, 197-204	60

1532	Mutated 5,10-methylenetetrahydrofolate reductase, hyperhomocysteinemia and risk for cardiovascular disease. Nature, nurture or nonsense?. 2001 , 31, 6-8	2
1531	Homocysteine and the MTHFR 677C->T allele in premature coronary artery disease. Case control and family studies. 2001 , 31, 24-30	24
1530	Hyperhomocysteinaemia and folate deficiency in human immunodeficiency virus-infected children. 2001 , 31, 992-8	19
1529	An MTHFR variant, homocysteine, and cardiovascular comorbidity in renal disease. 2001 , 60, 1106-13	66
1528	The folate cycle and disease in humans. 2001 , 78, S221-9	40
1527	Recent insights into the molecular genetics of the homocysteine metabolism. 2001 , 78, S238-42	42
1526	Effect of MTHFR genotypes and hyperhomocysteinemia on patient and graft survival in kidney transplant recipients. 2001 , 78, S253-7	6
1525	Molecular epidemiology of preterm delivery: methodology and challenges. 2001 , 15 Suppl 2, 63-77	39
1524	Socio-economic disparities in preterm birth: causal pathways and mechanisms. 2001 , 15 Suppl 2, 104-23	251
1523	Pregnancy outcomes and community health: the POUCH study of preterm delivery. 2001 , 15 Suppl 2, 136-58	72
1522	Roles of homocysteine in cell metabolism: old and new functions. 2001 , 268, 3871-82	147
1521	A pilot study of the possible role of familial defects in anticoagulation as a cause for terminal limb reduction malformations. 2000 , 57, 197-204	33
1520	Folate, homocysteine and methionine loading in patients on carbamazepine. 2001 , 103, 294-9	27
1519	Genetic polymorphisms in older subjects with vascular or Alzheimer's dementia. 2001 , 103, 304-8	58
1518	Association of polymorphism of methylene-tetrahydro-folate-reductase with urinary albumin excretion rate in type 1 diabetes mellitus but not with preeclampsia, retinopathy, and preterm delivery. 2001 , 80, 803-6	14
1517	Second-trimester maternal serum alpha-fetoprotein (MSAFP) is elevated in women with adverse pregnancy outcome associated with inherited thrombophilias. 2001 , 21, 658-61	7
1516	Prenatal diagnosis in three cases of iniencephaly with unusual postmortem findings. 2001 , 21, 558-62	14
1515	Polymorphisms of 5,10-methylenetetrahydrofolate reductase and risk of gastric cancer in a Chinese population: a case-control study. 2001 , 95, 332-6	106

1514	C677T variant form at the MTHFR gene and CL/P: a risk factor for mothers?. 2001 , 98, 357-60	111
1513	Smoking behavior and the C677T allele of the methylenetetrahydrofolate reductase (MTHFR) gene. 2001 , 98, 361-2	5
1512	Update on selected inherited venous thrombotic disorders. 2001 , 68, 256-68	46
1511	Racial variation in fasting and random homocysteine levels. 2001 , 66, 252-6	16
1510	Frequency of the 677 C-->T mutation of the methylenetetrahydrofolate reductase gene among Kuwaiti sickle cell disease patients. 2001 , 66, 263-6	23
1509	Maternal homozygosity for the common MTHFR mutation as a potential risk factor for offspring with limb defects. 2001 , 100, 25-9	12
1508	Mutation A1298C of methylenetetrahydrofolate reductase: risk for early coronary disease not associated with hyperhomocysteinemia. 2001 , 101, 36-9	59
1507	Smoking, folate and methylenetetrahydrofolate reductase status as interactive determinants of adenomatous and hyperplastic polyps of colorectum. 2001 , 101, 246-54	73
1506	Abnormal folate metabolism and genetic polymorphism of the folate pathway in a child with Down syndrome and neural tube defect. 2001 , 103, 128-32	74
1505	The C677T mutation in the methylenetetrahydrofolate reductase gene: a genetic risk factor for methotrexate-related elevation of liver enzymes in rheumatoid arthritis patients. 2001 , 44, 2525-30	162
1504	Methylenetetrahydrofolate reductase gene polymorphism and risk of premature myocardial infarction. 2001 , 24, 281-4	31
1503	Possible ethnic differences in plasma homocysteine levels associated with coronary artery disease between south Asian and east Asian immigrants. 2001 , 24, 730-4	10
1502	Prevalence of the methylenetetrahydrofolate reductase 677C > T mutation in the Mediterranean Spanish population. Association with cardiovascular risk factors. 2001 , 17, 255-61	26
1501	Glycine N-methyltransferase deficiency: a novel inborn error causing persistent isolated hypermethioninaemia. 2001 , 24, 448-64	116
1500	Elevated serum homocysteine levels and increased risk of invasive cervical cancer in US women. 2001 , 12, 317-24	35
1499	Thrombophilia and its treatment in pregnancy. 2001 , 12, 23-30	18
1498	Impact of new mutations in the methylenetetrahydrofolate reductase gene assessed on biochemical phenotypes: a familial study. 2001 , 24, 833-42	15
1497	The methylenetetrahydrofolate reductase (MTHFR) gene in colorectal cancer: role in tumor development and significance of allelic loss in tumor progression. 2001 , 30, 105-11	23

1496	Antiepileptic drugs as independent predictors of plasma total homocysteine levels. 2001 , 47, 27-35	72
1495	Impaired homocysteine metabolism and atherothrombotic disease. 2001 , 81, 645-72	180
1494	A 31 bp VNTR in the cystathionine beta-synthase (CBS) gene is associated with reduced CBS activity and elevated post-load homocysteine levels. 2001 , 9, 583-9	42
1493	Pharmacogenetics and cancer therapy. 2001 , 1, 99-108	200
1492	The relation between plasma homocysteine concentration and methylenetetrahydrofolate reductase gene polymorphism in pregnant women. 2001 , 27, 349-52	25
1491	Milder clinical presentation of haemophilia A with severe deficiency of factor VIII as measured by one-stage assay. 2001 , 7, 9-12	1
1490	Recurrent coronary events are not increased in postinfarction patients with methylenetetrahydrofolate reductase gene C677T polymorphism. 2001 , 87, 1289-92	4
1489	Correlation of polymorphisms to coagulation and biochemical risk factors for cardiovascular diseases. 2001 , 87, 1361-6	98
1488	Folate levels and N(5),N(10)-methylenetetrahydrofolate reductase genotype (MTHFR) in mothers of offspring with neural tube defects: a case-control study. 2001 , 32, 277-82	58
1487	DNA damage from micronutrient deficiencies is likely to be a major cause of cancer. 2001 , 475, 7-20	378
1486	Genetics of neural tube defects. 2001 , 8, 160-4	22
1485	Relevance of folate metabolism in the pathogenesis of colorectal cancer. 2001 , 138, 164-76	60
1484	Mutations in the gene for methylenetetrahydrofolate reductase, homocysteine levels, and vitamin status in women with a history of preeclampsia. 2001 , 184, 394-402	66
1483	Association of the C677T methylenetetrahydrofolate reductase mutation and elevated homocysteine levels with congenital cardiac malformations. 2001 , 184, 806-12; discussion 812-7	107
1482	Maternal and fetal inherited thrombophilias are not related to the development of severe preeclampsia. 2001 , 185, 153-7	135
1481	Elevated plasma homocysteine in early pregnancy: a risk factor for the development of severe preeclampsia. 2001 , 185, 781-5	114
1480	Molecular and clinical characterisation of homocystinuria in two Austrian families with cystathionine beta-synthase deficiency. 2001 , 28, 145-51	3
1479	Association of two MTHFR polymorphisms with total homocysteine plasma levels in dialysis patients. 2001 , 38, 77-84	27

1478	Increased prevalence of combined MTR and MTHFR genotypes among individuals with severely elevated total homocysteine plasma levels. 2001 , 38, 956-64	33
1477	The plasminogen activator inhibitor (PAI)-1 promoter 4G/4G genotype is not associated with ischemic stroke in a population of German children. Childhood Stroke Study Group. 2001 , 66, 57-62	31
1476	Cardiovascular risk in the Asia-Pacific region from a nutrition and metabolic point of view: vitamin deficiencies. 2001 , 10, 103-7	
1475	Increased common carotid intima-media thickness in UK African Caribbeans and its relation to chronic inflammation and vascular candidate gene polymorphisms. 2001 , 32, 2465-71	39
1474	Low plasma levels of vitamin B(6) are independently associated with a heightened risk of deep-vein thrombosis. 2001 , 104, 2442-6	59
1473	Candidate gene polymorphisms in cardiovascular disease: a comparative study of frequencies between a French and an Italian population. 2001 , 39, 146-54	13
1472	Thermolabile MTHFR genotype and retinal vascular occlusive disease. 2001 , 85, 88-90	23
1471	Mutation in the methylenetetrahydrofolate reductase gene might be a risk factor for cerebrovascular disease in peripartum and under oral contraceptive use. 2001 , 45, 171-3	5
1470	Reduced vitamin B12 binding by transcobalamin II increases the risk of neural tube defects. 2001 , 94, 159-66	70
1469	Methylenetetrahydrofolate reductase genotypes and predisposition to atherothrombotic disease; evidence that all three MTHFR C677T genotypes confer different levels of risk. 2001 , 22, 294-9	28
1468	Pathologic Features of the Placenta in Women With Severe Pregnancy Complications and Thrombophilia. 2001 , 98, 1041-1044	48
1467	Low-Molecular-Weight Heparin for the Prevention of Obstetric Complications in Women with Thrombophilias. 2001 , 20, 35-44	113
1466	Single nucleotide polymorphisms in the methylenetetrahydrofolate reductase gene are common in US Caucasian and Hispanic American populations. 2001 , 8, 509-11	20
1465	Homozygous VN (677C to T) and d/D (2756G to A) variants in the methylenetetrahydrofolate and methionine synthase genes in a case of hyperhomocysteinemia with stroke at young age. 2001 , 33, 106-9	3
1464	Prothrombotic inherited abnormalities other than factor V Leiden mutation do not play a role in venous thrombosis in inflammatory bowel disease. 2001 , 96, 1448-54	50
1463	High prevalence of thrombophilic genotypes in patients with acute mesenteric vein thrombosis. 2001 , 96, 146-9	42
1462	Mild hyperhomocyst(e)inemia: a possible risk factor for cervical artery dissection. 2001 , 32, 714-8	104
1461	Hyperhomocysteinaemia and MTHFR C677T gene polymorphism in renal transplant recipients. 2001 , 85, 47-9	10

1460	Hyperhomocyst(e)inaemia, but not MTHFR C677T mutation, as a risk factor for non-arteritic ischaemic optic neuropathy. 2001 , 85, 803-6	40
1459	Genetic diversity and disease: opportunities and challenge. 2001 , 98, 14754-6	5
1458	Thrombophilia: genetic polymorphisms and their association with retinal vascular occlusive disease. 2001 , 85, 883-6	17
1457	Effects of common polymorphisms on the properties of recombinant human methylenetetrahydrofolate reductase. 2001 , 98, 14853-8	308
1456	The methylene tetrahydrofolate reductase (C677T) mutation as a potential risk factor for avascular necrosis in sickle cell disease. 2001 , 25, 213-7	42
1455	Hyperhomocysteinemia as a risk factor for venous thrombosis. 2001 , 39, 710-3	28
1454	Polymorphism in methylenetetrahydrofolate reductase gene: its impact on plasma homocysteine levels and carotid atherosclerosis in ESRD patients receiving hemodialysis. 2001 , 87, 249-56	30
1453	Methylenetetrahydrofolate reductase C677T polymorphism does not alter folic acid deficiency-induced uracil incorporation into primary human lymphocyte DNA in vitro. 2001 , 22, 1019-25	82
1452	Cardiovascular risk in the Asia-Pacific region from a nutrition and metabolic point of view: vitamin deficiencies. 2001 , 10, 103-107	2
1451	Relation of a common methylenetetrahydrofolate reductase mutation and plasma homocysteine with intimal hyperplasia after coronary stenting. 2001 , 103, 2048-54	30
1450	Venous thromboembolism in young patients from western India: a study. 2001 , 7, 158-65	49
1449	Methylenetetrahydrofolate reductase 677 C/T genotype and cardiovascular disease mortality in postmenopausal women. 2001 , 153, 673-9	14
1448	Der Methylenetetrahydrofolat-Reduktase (MTHFR) C677T- Polymorphismus und andere genetische Ursachen der Hyperhomocysteinämie bei venösen Gefäßverschlüssen. The Methylenetetrahydrofolate-reductase (MTHFR) C677T-Polymorphism and Other Genetic Causes of Hyperhomocysteinemia in Venous Thrombosis. 2001 , 25, 239-253	
1447	The importance of hyperhomocysteinemia as a risk factor for diseases: an overview. 2001 , 39, 666-74	92
1446	Infant methylenetetrahydrofolate reductase 677TT genotype is a risk factor for congenital heart disease. 2001 , 51, 251-4	86
1445	Stasis ulcers refractory to therapy--accelerated healing by treatment with clopidogrel +/- dalteparin: a preliminary report. 2001 , 7, 21-4	8
1444	Polymorphism of apoprotein E (APOE), methylenetetrahydrofolate reductase (MTHFR) and paraoxonase (PON1) genes in patients with cerebrovascular disease. 2001 , 39, 346-50	37
1443	Hyperhomocysteinemia and human reproduction. 2001 , 39, 758-63	53

1442	Vascular thrombohemorrhagic disorders: hereditary and acquired. 2001 , 7, 178-94	12
1441	Recurrent pregnancy loss: etiology of thrombophilia. 2001 , 27, 121-9	37
1440	Thrombophilia as a cause for central and branch retinal artery occlusion in patients without an apparent embolic source. 2001 , 15, 511-4	28
1439	Hyperhomocysteinemia and prevalence of polymorphisms of homocysteine metabolism-related enzymes in patients with inflammatory bowel disease. 2001 , 96, 2677-82	75
1438	Plasma folate, vitamin B(12), and total homocysteine and homozygosity for the C677T mutation of the 5,10-methylene tetrahydrofolate reductase gene in patients with Alzheimer's dementia. A case-control study. 2001 , 47, 324-9	72
1437	Plasma homocysteine concentrations in the acute and convalescent periods of atherothrombotic stroke. 2001 , 32, 57-62	71
1436	Polymorphisms in genes involved in folate metabolism as risk factors for NTDs. 2001 , 11 Suppl 1, S14-7	51
1435	Methylation matters. 2001 , 38, 285-303	393
1434	Role of genetic variation in establishing nutritional requirements: folate, a case in point. 2001 , 89, 68-75	1
1433	Does prenatal screening for 5,10-methylenetetrahydrofolate reductase (MTHFR) mutations in high-risk neural tube defect pregnancies make sense?. 2002 , 6, 47-52	15
1432	Pharmacotherapy of hyperhomocysteinemia in patients with thrombophilia. 2002 , 3, 1591-8	2
1431	Hyperhomocyst(e)inemia: a risk factor for cerebrovascular disease. 2002 , 24, 501-9	6
1430	Absence of association of thrombophilia polymorphisms with intrauterine growth restriction. 2002 , 347, 19-25	219
1429	Antisense inhibition of methylenetetrahydrofolate reductase reduces survival of methionine-dependent tumour lines. 2002 , 87, 225-30	9
1428	A common mutation in the 5,10-methylenetetrahydrofolate reductase gene affects genomic DNA methylation through an interaction with folate status. 2002 , 99, 5606-11	765
1427	Plasma homocysteine concentration, C677T MTHFR genotype, and 844ins68bp CBS genotype in young adults with spontaneous cervical artery dissection and atherothrombotic stroke. 2002 , 33, 664-9	170
1426	Relation of Helicobacter pylori infection to plasma vitamin B12, folic acid, and homocysteine levels in patients who underwent diagnostic coronary arteriography. 2002 , 97, 861-6	60
1425	Genetic factors associated with the absence of atherosclerosis in octogenarians. 2002 , 57, M611-5	12

1424	Homocysteine and coronary heart disease: how great is the hazard?. 2002 , 288, 2042-3	14
1423	Changes in frequencies of heterozygous thermolabile 5,10-methylenetetrahydrofolate reductase gene in fetuses with neural tube defects. 2002 , 39, 366-7	8
1422	Moderately elevated plasma homocysteine, methylenetetrahydrofolate reductase genotype, and risk for stroke, vascular dementia, and Alzheimer disease in Northern Ireland. 2002 , 33, 2351-6	189
1421	Gene polymorphism and coronary risk factors in Indian population. 2002 , 40, 975-85	20
1420	MTHFR 677C-->T polymorphism and risk of coronary heart disease: a meta-analysis. 2002 , 288, 2023-31	639
1419	Paraoxonase 192 Gln-->Arg polymorphism: an independent risk factor for nonfatal arterial ischemic stroke among young adults. 2002 , 33, 1459-64	90
1418	Hyperhomocysteinaemia, folate and vitamin B12 in unsupplemented haemodialysis patients: effect of oral therapy with folic acid and vitamin B12. 2002 , 17, 455-61	35
1417	Metabolic characteristics of women who developed ovarian hyperstimulation syndrome. 2002 , 17, 1994-6	12
1416	The C677T Polymorphism of the Methylenetetrahydrofolate Reductase Gene and Idiopathic Recurrent Miscarriage. 2002 , 99, 614-619	2
1415	Third-Trimester Unexplained Intrauterine Fetal Death Is Associated With Inherited Thrombophilia. 2002 , 99, 684-687	
1414	Hyperhomocysteinemia and other inherited prothrombotic conditions in young adults with a history of ischemic stroke. 2002 , 33, 51-6	98
1413	Homocysteine and coronary heart disease. 2002 , 2, 391-9	23
1412	Estrogen and homocysteine. 2002 , 53, 577-88	72
1411	Physiology of folic acid in health and disease. 2002 , 3, 211-23	120
1410	[Homocysteine, methylenetetrahydrofolate reductase/C677T genotype and risk for coronary heart disease. The AtheroGene study]. 2002 , 127, 729-35	
1409	Increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos. 2002 , 10, 113-8	120
1408	Hyperhomocysteinaemia, coagulation pathway activation and thrombophilia in patients with inflammatory bowel disease. 2002 , 37, 62-7	40
1407	Folates and cardiovascular disease. 2002 , 22, 6-13	223

1406	Methylenetetrahydrofolate reductase gene C677T polymorphism, plasma homocysteine and folate in end-stage renal disease dialysis and non-dialysis patients. 2002 , 92, 235-9	7
1405	Santorini Biologie Prospective Conference 2002 From Genetic Variations to Risk Prediction and Pharmacogenomics Santorini, Greece, 25-28 September 2002. 2002 , 40,	
1404	Homocysteine and folate status in methotrexate-treated patients with rheumatoid arthritis. 2002 , 41, 658-65	127
1403	A polymorphism in the methylenetetrahydrofolate reductase gene predisposes to colorectal cancers with microsatellite instability. 2002 , 50, 520-4	108
1402	Nature and nurture in vitamin B12 deficiency. 2002 , 87, 75-6	8
1401	Presence of the 5,10-methylenetetrahydrofolate reductase C677T mutation in Puerto Rican patients with neural tube defects. 2002 , 17, 30-2	3
1400	Cryptogenic stroke in relation to genetic variation in clotting factors and other genetic polymorphisms among young men and women. 2002 , 33, 2762-8	44
1399	Homocysteine and cardiovascular disease: evidence on causality from a meta-analysis. 2002 , 325, 1202	1329
1398	Riboflavin is a determinant of total homocysteine plasma concentrations in end-stage renal disease patients. 2002 , 13, 1331-7	33
1397	Homocysteine and risk of ischemic heart disease and stroke: a meta-analysis. 2002 , 288, 2015-22	1535
1396	The Homocystinurias. 627-650	5
1395	Polymorphisms in the methylenetetrahydrofolate reductase gene were associated with both the efficacy and the toxicity of methotrexate used for the treatment of rheumatoid arthritis, as evidenced by single locus and haplotype analyses. 2002 , 12, 183-90	222
1394	Mutations C677T and A1298C of the 5,10-methylenetetrahydrofolate reductase gene and fasting plasma homocysteine levels are not associated with the increased risk of venous thromboembolic disease. 2002 , 13, 423-31	40
1393	Genetic risk factors in young adults with 'cryptogenic' ischemic cerebrovascular disease. 2002 , 13, 583-90	17
1392	Hyperhomocysteinemia and transplant coronary artery disease. 2002 , 74, 1359-64	7
1391	The Methylenetetrahydrofolate Reductase 677 C->T Polymorphism and Preeclampsia in Two Populations. 2002 , 99, 1085-1092	1
1390	Linkage disequilibrium between the 677C>T and 1298A>C polymorphisms in human methylenetetrahydrofolate reductase gene and their contributions to risk of colorectal cancer. 2002 , 12, 339-42	91
1389	Treatment of hyperhomocysteinemia with folic acid: effects on homocysteine levels, coagulation status, and oxidative stress markers. 2002 , 39, 851-7	26

1388	Polycystic ovarian syndrome and thrombophilia. 2002 , 17, 314-9	43
1387	Homocysteine, folate, methylene tetrahydrofolate reductase genotype and vascular morbidity in diabetic subjects. 2002 , 102, 631-637	23
1386	Homocysteine, folate, methylene tetrahydrofolate reductase genotype and vascular morbidity in diabetic subjects. 2002 , 102, 631	12
1385	Factor V Leiden: a genetic risk factor for thrombotic microangiopathy in patients with normal von Willebrand factor-cleaving protease activity. 2002 , 99, 437-42	56
1384	Influence of methylenetetrahydrofolate reductase genotype, exercise and other risk factors on endothelial function in healthy individuals. 2002 , 102, 45-50	3
1383	Influence of methylenetetrahydrofolate reductase genotype, exercise and other risk factors on endothelial function in healthy individuals. 2002 , 102, 45	4
1382	Are the associations between life-style related factors and plasma total homocysteine concentration different according to polymorphism of 5,10-methylenetetrahydrofolate reductase gene (C677T MTHFR)? A cross-sectional study in a Japanese rural population. 2002 , 12, 126-35	25
1381	Spina bifida and folate-related genes: a study of gene-gene interactions. 2002 , 4, 126-30	16
1380	Vitamin B-12 status is inversely associated with plasma homocysteine in young women with C677T and/or A1298C methylenetetrahydrofolate reductase polymorphisms. 2002 , 132, 1872-8	41
1379	Methylenetetrahydrofolate reductase gene polymorphism, hyperhomocysteinemia, and cardiovascular diseases in chronic hemodialysis patients. 2002 , 90, 43-50	11
1378	Hypercoagulability: too many tests, too much conflicting data. 2002 , 2002, 353-68	33
1377	Prothrombotic Genotypes Are not Associated with Pre-eclampsia and Gestational Hypertension: Results from a Large Population-based Study and Systematic Review. 2002 , 87, 779-785	158
1376	Methylenetetrahydrofolate reductase 677C->T genotype modulates homocysteine responses to a folate-rich diet or a low-dose folic acid supplement: a randomized controlled trial. 2002 , 76, 180-6	131
1375	5,10-Methylenetetrahydrofolate reductase genotype determines the plasma homocysteine-lowering effect of supplementation with 5-methyltetrahydrofolate or folic acid in healthy young women. 2002 , 75, 275-82	80
1374	Environmental Etiologies of Orofacial Clefting and Craniosynostosis. 163-205	2
1373	High-dose vitamin therapy stimulates variant enzymes with decreased coenzyme binding affinity (increased K(m)): relevance to genetic disease and polymorphisms. 2002 , 75, 616-58	247
1372	Hyperhomocysteinemia and cardiovascular aging. 2002 , 11, 309-335	
1371	Hyperhomocysteinemia increases the risk of venous thrombosis independent of the C677T mutation of the methylenetetrahydrofolate reductase gene in selected Brazilian patients. 2002 , 13, 271-5	26

1370	Homocyst(e)ine and coronary heart disease: pharmaco-economic support for interventions to lower hyperhomocyst(e)inaemia. 2002 , 20, 429-42	10
1369	Homocysteine, MTHFR 677C-->T polymorphism, and risk of ischemic stroke: results of a meta-analysis. 2002 , 59, 529-36	199
1368	Accounting for human polymorphisms predicted to affect protein function. 2002 , 12, 436-46	546
1367	Prevalence of genetic markers for thrombophilia in recurrent pregnancy loss. 2002 , 17, 1633-7	94
1366	Vascular involvement in Behçet's disease: relation with thrombophilic factors, coagulation activation, and thrombomodulin. 2002 , 112, 37-43	136
1365	Homocysteine and cardiovascular disease: current evidence and future prospects. 2002 , 112, 556-65	185
1364	The role of hyperhomocysteinemia and methylenetetrahydrofolate reductase (MTHFR) C677T mutation in patients with retinal artery occlusion. 2002 , 134, 57-61	35
1363	Simultaneous sequencing of multiple polymerase chain reaction products and combined polymerase chain reaction with cycle sequencing in single reactions. 2002 , 161, 27-33	9
1362	Homocysteine decreases endothelium-dependent vasorelaxation in porcine arteries. 2002 , 102, 22-30	53
1361	Increased prevalence of thrombophilia among women with severe ovarian hyperstimulation syndrome. 2002 , 77, 463-7	53
1360	Effects of hormone replacement therapy and methylenetetrahydrofolate reductase polymorphism on plasma folate and homocysteine levels in postmenopausal Japanese women. 2002 , 77, 481-6	21
1359	Hereditary thrombophilias are not associated with a decreased live birth rate in women with recurrent miscarriage. 2002 , 78, 58-62	31
1358	Homocysteine and methylenetetrahydrofolate reductase genotype: association with risk of coronary heart disease and relation to inflammatory, hemostatic, and lipid parameters. 2002 , 162, 193-200	43
1357	Homocysteine levels in men and women of different ethnic and cultural background living in England. 2002 , 164, 95-102	47
1356	Effects of serum B vitamins on elevated plasma homocysteine levels associated with the mutation of methylenetetrahydrofolate reductase gene in Japanese. 2002 , 164, 321-8	43
1355	Family-based investigation of the C677T polymorphism of the methylenetetrahydrofolate reductase gene in ischaemic heart disease. 2002 , 165, 293-9	16
1354	Pharmacogenomics of Chemotherapeutic Agents in Cancer Treatment. 283-309	
1353	Role of pharmacogenomics and pharmacodynamics in the treatment of acute lymphoblastic leukaemia. 2002 , 15, 741-56	37

1352	Pharmacogenetics and folate metabolism -- a promising direction. 2002 , 3, 299-313	86
1351	Venous thromboembolism: implications for gene-based diagnosis and technology development. 2002 , 2, 576-86	1
1350	Implications on human fertility of the 677C-->T and 1298A-->C polymorphisms of the MTHFR gene: consequences of a possible genetic selection. 2002 , 8, 952-7	54
1349	Rapid automated simultaneous screening of (G1691A) Factor V, (G20210A) prothrombin, and (C677T) methylenetetrahydrofolate reductase variants by multiplex PCR using fluorescence scanning technology. 2002 , 6, 233-6	4
1348	A comprehensive review of genetic association studies. 2002 , 4, 45-61	1340
1347	Methylenetetrahydrofolate reductase polymorphism and susceptibility to breast cancer. 2002 , 4, R14	79
1346	Hiperhomocistinemia y polimorfismo 677C -> T de la 5,10-metilenotetrahidrofolato reductasa en hijos de pacientes con enfermedad coronaria prematura. 2002 , 56, 402-408	5
1345	Metabolic enzyme polymorphisms and susceptibility to acute leukemia in adults. 2002 , 2, 79-92	23
1344	Mutations in the factor V, prothrombin and MTHFR genes are not risk factors for recurrent fetal loss. 2002 , 11, 176-82	25
1343	Recurrent pulmonary embolism in a 13-year-old male homozygous for the prothrombin G20210A mutation combined with protein S deficiency and increased lipoprotein (a). 2002 , 105, 49-53	15
1342	Premature arterial and venous events in three families. Effect of folate levels and MTHFR mutation mediated by family/generation and homocysteine levels. 2002 , 105, 109-15	2
1341	Factor V gene G1691A mutation, prothrombin gene G20210A mutation, and MTHFR gene C677T mutation are not risk factors for pulmonary thromboembolism in Chinese population. 2002 , 106, 7-12	52
1340	Hyperhomocysteinemia and venous thromboembolism: a risk factor more prevalent in the elderly and in idiopathic cases. 2002 , 106, 121-5	30
1339	CBS 844ins68, MTHFR TT677 and EPCR 4031ins23 genotypes in patients with deep-vein thrombosis. 2002 , 107, 13-5	16
1338	No association between the MTHFR A1298C and transcobalamin C776G genetic polymorphisms and hyperhomocysteinemia in thrombotic disease. 2002 , 108, 127-31	25
1337	The effect of diet on risk of cancer. 2002 , 360, 861-8	352
1336	Stability of total plasma homocysteine in perinatology. 2002 , 319, 63-6	5
1335	The C677T polymorphism of the methylenetetrahydrofolate reductase gene and idiopathic recurrent miscarriage. 2002 , 99, 614-9	62

1334	Third-trimester unexplained intrauterine fetal death is associated with inherited thrombophilia. 2002 , 99, 684-7	66
1333	Mendelian and mitochondrial disorders associated with stroke. 2002 , 11, 252-64	5
1332	The 677C --> T mutation in the methylenetetrahydrofolate reductase (MTHFR) gene in epileptic patients affected by systemic lupus erythematosus. 2002 , 11, 250-4	6
1331	The frequent 5,10-methylenetetrahydrofolate reductase C677T polymorphism is associated with a common haplotype in whites, Japanese, and Africans. 2002 , 70, 758-62	192
1330	A polymorphism, R653Q, in the trifunctional enzyme methylenetetrahydrofolate dehydrogenase/methenyltetrahydrofolate cyclohydrolase/formyltetrahydrofolate synthetase is a maternal genetic risk factor for neural tube defects: report of the Birth Defects Research Group. 2002 , 71, 1207-15	196
1329	Update on pharmacogenetics in cancer chemotherapy. 2002 , 38, 639-44	72
1328	Hyperhomocyst(e)inemia, but not methylenetetrahydrofolate reductase C677T mutation, as a risk factor in branch retinal vein occlusion. 2002 , 109, 1105-9	37
1327	C 677T methylenetetrahydrofolate reductase (MTHFR) polymorphism and thrombangiitis obliterans. 2002 , 83, 275-6	0
1326	A polymorphism of the methylenetetrahydrofolate reductase and methionine synthase gene in CAD patients: association with plasma folate, vitamin B12 and homocysteine. 2002 , 22, 965-976	4
1325	Folate and breast cancer: the role of polymorphisms in methylenetetrahydrofolate reductase (MTHFR). 2002 , 181, 65-71	97
1324	Multiplex PCR for simultaneous detection of 677 C-->T and 1298 A-->C polymorphisms in methylenetetrahydrofolate reductase gene for population studies of cancer risk. 2002 , 181, 209	54
1323	Mutaci3n C677TT de la metilentetrahidrofolato reductasa, homociste3na y trombofilia. 2002 , 202, 462-463	
1322	Can screening for genetic markers improve peripheral artery bypass patency?. 2002 , 36, 1198-206	12
1321	Concentraci3n de homociste3na plasm3tica y depleci3n de folatos. 2002 , 119, 475-476	
1320	Pediatric thrombosis. 2002 , 49, 1257-83	29
1319	A novel method for SNP detection using a new duplex-specific nuclease from crab hepatopancreas. 2002 , 12, 1935-42	192
1318	5,10-Methylenetetrahydrofolate Reductase (MTHFR) Assay in the Forward Direction: Residual Activity in MTHFR Deficiency. 2002 , 48, 835-843	20
1317	Homocysteine determinants and the evidence to what extent homocysteine determines the risk of coronary heart disease. 2002 , 54, 599-618	197

1316	Homocysteine, folate deprivation and Alzheimer neuropathology. 2002 , 4, 261-7	41
1315	Nutritional and genetic inefficiencies in one-carbon metabolism and cervical cancer risk. 2002 , 132, 2345S-2349S	23
1314	Folate bioavailability and health. 2002 , 72, 46-52	24
1313	[Mutations in the methylene-tetrahydrofolate reductase gene and Down syndrome]. 2002 , 18, 1795-7	20
1312	. 2002 ,	24
1311	Methylenetetrahydrofolate reductase: a link between folate and riboflavin?. 2002 , 76, 301-2	9
1310	Spina bifida, folate metabolism, and dietary folate intake in a Northern Canadian aboriginal population. 2002 , 61, 341-51	11
1309	The relationship between riboflavin and plasma total homocysteine in the Framingham Offspring cohort is influenced by folate status and the C677T transition in the methylenetetrahydrofolate reductase gene. 2002 , 132, 283-8	102
1308	Impaired functioning of thermolabile methylenetetrahydrofolate reductase is dependent on riboflavin status: implications for riboflavin requirements. 2002 , 76, 436-41	121
1307	Folate status: effects on pathways of colorectal carcinogenesis. 2002 , 132, 2413S-2418S	281
1306	Gene-nutrient interactions and DNA methylation. 2002 , 132, 2382S-2387S	181
1305	Interaction Between Hyperhomocysteinemia, Mutated Methylenetetrahydrofolatereductase (MTHFR) and Inherited Thrombophilic Factors in Recurrent Venous Thrombosis. 2002 , 88, 723-728	81
1304	Folate intake, serum homocysteine and methylenetetrahydrofolate reductase (MTHFR) C677T genotype are not associated with oral cancer risk in Puerto Rico. 2002 , 132, 762-7	44
1303	Epidemiologic studies of folate and colorectal neoplasia: a review. 2002 , 132, 2350S-2355S	327
1302	Genetic Risk Factors Associated with the Prognosis of Myocardial Infarction in Young Patients. 2002 , 88, 694-697	3
1301	13C Breath Tests in Infections and Beyond. 2002 , 23, 21-29	3
1300	Inherited thrombophilia and stillbirth. 2002 , 26, 51-69	27
1299	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

1298	Acquired and inherited thrombophilia in women with unexplained fetal losses. 2002 , 187, 1337-42	68
1297	Relationship of folate to colorectal and cervical cancer: review and recommendations for practitioners. 2002 , 102, 1273-82	47
1296	Plasma homocysteine, methylenetetrahydrofolate reductase genotypes, and age at onset of symptoms of myocardial ischemia. 2002 , 89, 919-23	12
1295	Thrombophilia and pregnancy loss. 2002 , 55, 163-80	45
1294	Molecular and genetic considerations for long-term nutrition interventions. 2002 , 11, S129-S136	1
1293	Genetic variation and dietary response: Nutrigenetics/nutrigenomics. 2002 , 11, S117-S128	31
1292	Childhood acute lymphoblastic leukemia. 2002 , 6, 161-80; discussion 200-2	35
1291	Methylenetetrahydrofolate reductase genotype, vitamin B12, and folate influence plasma homocysteine in hemodialysis patients. 2002 , 39, 1032-9	10
1290	Familial abdominal aortic aneurysm: a systematic review of a genetic background. 2002 , 24, 105-16	67
1289	The C677T mutation in the methylenetetrahydrofolate reductase gene contributes to hyperhomocysteinemia in patients taking anticonvulsants. 2002 , 24, 223-6	35
1288	Hyperhomocysteinemia and the MTHFR C677T mutation in Budd-Chiari syndrome. 2002 , 71, 11-4	57
1287	MTRR and MTHFR polymorphism: link to Down syndrome?. 2002 , 107, 151-5	150
1286	Genetic polymorphisms of methylenetetrahydrofolate reductase (MTHFR) and methionine synthase reductase (MTRR) in ethnic populations in Texas; a report of a novel MTHFR polymorphic site, G1793A. 2002 , 107, 162-8	138
1285	Preferential transmission of the MTHFR 677 T allele to infants with Down syndrome: implications for a survival advantage. 2002 , 113, 9-14	26
1284	Simultaneous detection of methylenetetrahydrofolate reductase gene polymorphisms, C677T and A1298C, by melting curve analysis with LightCycler. 2002 , 306, 340-3	12
1283	Highly multiplexed genotyping of coronary artery disease-associated SNPs using MALDI-TOF mass spectrometry. 2002 , 20, 133-8	42
1282	The molecular basis of cystathionine beta-synthase deficiency in Australian patients: genotype-phenotype correlations and response to treatment. 2002 , 20, 117-26	49
1281	A common haplotype for the 677T thermolabile variant of the 5,10-methylenetetrahydrofolate reductase gene in thrombophilic patients and controls. 2002 , 20, 478	1

1280	Polymorphism (C677T) in the 5,10-methylenetetrahydrofolate reductase (MTHFR) gene: A preliminary study on north Indian men. 2002 , 17, 99-107	10
1279	Thermolabile methylenetetrahydrofolate reductase (C677T): frequency in the Irish population. 2002 , 171, 37-9	2
1278	A1298C methylenetetrahydrofolate reductase mutation and coronary artery disease: relationships with C677T polymorphism and homocysteine/folate metabolism. 2002 , 2, 7-12	42
1277	Study of MTHFR and MS polymorphisms as risk factors for NTD in the Italian population. 2002 , 47, 319-24	92
1276	Homocysteine and risk of open-angle glaucoma. 2002 , 109, 1499-504	88
1275	Hyperhomocysteinemia: a potential risk factor for cervical artery dissection following chiropractic manipulation of the cervical spine. 2002 , 249, 1401-3	30
1274	Hyperhomocyst(e)inemia and MTHFR C677T genotypes in patients with central retinal vein occlusion. 2002 , 240, 286-90	44
1273	A low prevalence of the C677T mutation in the methylenetetrahydrofolate reductase gene in Asian Indians. 2002 , 61, 155-9	70
1272	Lack of association between methylenetetrahydrofolate reductase (MTHFR) C677T and ischaemic heart disease (IHD): family-based association study in a Spanish population. 2002 , 62, 235-9	5
1271	Frequency of the thermolabile variant C677T in the MTHFR gene and lack of association with neural tube defects in the State of Yucatan, Mexico. 2002 , 62, 394-8	30
1270	Paradoxical hyperfibrinolysis is associated with a more intensely haemorrhagic phenotype in severe congenital haemophilia. 2002 , 8, 768-75	35
1269	Homocysteine, malondialdehyde and endothelial markers in dialysis patients during low-dose folic acid therapy. 2002 , 252, 456-64	13
1268	Age, sex and vitamin status affect plasma level of homocysteine, but hyperhomocysteinaemia is possibly not an important risk factor for venous thrombophilia in Taiwanese Chinese. 2002 , 117, 159-63	10
1267	Methylenetetrahydrofolate reductase genotype does not play a role in multiple myeloma pathogenesis. 2002 , 117, 890-2	22
1266	Severe methylenetetrahydrofolate reductase deficiency revealed by a pulmonary embolism in a young adult. 2002 , 119, 397-9	5
1265	Homocysteine and occlusive arterial disease. 2002 , 89, 838-44	9
1264	Plasma homocysteine, methylenetetrahydrofolate reductase gene polymorphism and carotid intima-media thickness in Italian type 2 diabetic patients. 2002 , 32, 24-8	32
1263	Methylenetetrahydrofolate reductase gene C677T mutation is related to the defects in the internal elastic lamina of the artery wall. 2002 , 32, 869-73	8

1262	Effect of low doses of 5-methyltetrahydrofolate and folic acid on plasma homocysteine in healthy subjects with or without the 677C-->T polymorphism of methylenetetrahydrofolate reductase. 2002 , 32, 662-8	16
1261	The effect of B-vitamins on hyperhomocysteinemia in patients on antiepileptic drugs. 2002 , 51, 237-47	50
1260	Methylenetetrahydrofolate reductase: a common human polymorphism and its biochemical implications. 2002 , 2, 4-12	22
1259	Effect of riboflavin supplementation on plasma homocysteine in elderly people with low riboflavin status. 2002 , 56, 850-6	27
1258	C677T mutation in the 5,10-MTHFR gene and risk of Down syndrome in Italy. 2002 , 10, 388-90	55
1257	Single nucleotide polymorphisms in the transcobalamin gene: relationship with transcobalamin concentrations and risk for neural tube defects. 2002 , 10, 433-8	91
1256	Comment on 'increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos'. 2002 , 10, 578-9; author reply 579-82	4
1255	Central retinal vein occlusion and thrombophilia. 2002 , 16, 98-106	56
1254	Genetic analysis of vascular factors in Alzheimer's disease. 2002 , 977, 232-8	43
1253	Thrombophilia and immunological disorders in pregnancies as risk factors for small for gestational age infants. 2002 , 109, 28-33	23
1252	Polymorphisms in various coagulation genes in black South African women with placental abruption. 2002 , 109, 574-5	11
1251	Preponderance of methylenetetrahydrofolate reductase C677T homozygosity among leukemia patients intolerant to methotrexate. 2002 , 13, 1915-8	114
1250	Total plasma homocysteine is associated with hypertension in Type I diabetic patients. 2002 , 45, 1315-24	26
1249	Analysis of Gene Complexes Predisposing to Coronary Atherosclerosis. 2002 , 38, 300-308	4
1248	B-vitamin intake, metabolic genes, and colorectal cancer risk (United States). 2002 , 13, 239-48	142
1247	Folate bioavailability and health. 2002 , 1, 189-198	3
1246	Congenital thrombophilia associated to obstetric complications. 2002 , 14, 163-9	9
1245	Prothrombotic states in retinal artery and vein occlusions. 2002 , 2, 134-142	6

1244	Mendelian and mitochondrial disorders associated with stroke. 2002 , 2, 46-58	0
1243	Characterization of a pseudogene for murine methylenetetrahydrofolate reductase. 2003 , 252, 391-5	6
1242	The common 677C>T gene polymorphism of methylenetetrahydrofolate reductase gene is not associated with breast cancer risk. 2003 , 81, 169-72	49
1241	Diet and premalignant lesions of the cervix: evidence of a protective role for folate, riboflavin, thiamin, and vitamin B12. 2003 , 14, 859-70	53
1240	Association of a common polymorphism in the methylenetetrahydrofolate reductase (MTHFR) gene with bone phenotypes depends on plasma folate status. 2004 , 19, 410-8	70
1239	Breast cancer risk and methylenetetrahydrofolate reductase polymorphism. 2003 , 77, 217-23	64
1238	Homocysteine, pharmacogenetics, and neurotoxicity in children with leukemia. 2003 , 21, 3084-91	166
1237	Hyperhomocysteinemia: An emerging risk factor for cardiovascular disease. 2003 , 18, 8-14	22
1236	[Atherosclerosis and uremia: significance of non-traditional risk factors]. 2003 , 115, 220-34	4
1235	Homocysteine and atherothrombosis: diagnosis and treatment. 2003 , 5, 276-83	17
1234	Familial hyperhomocysteinemia: multiple venous thrombosis in four generations of a family. 2003 , 82, 178-80	
1233	Analysis of the MTHFR 1298A-->C and 677C-->T polymorphisms as risk factors for neural tube defects. 2003 , 48, 190-3	48
1232	Genotype and haplotype distributions of MTHFR677C>T and 1298A>C single nucleotide polymorphisms: a meta-analysis. 2003 , 48, 1-7	98
1231	Relations between molecular and biological abnormalities in 11 families from siblings affected with methylenetetrahydrofolate reductase deficiency. 2003 , 162, 466-475	21
1230	Folic acid, polymorphism of methyl-group metabolism genes, and DNA methylation in relation to GI carcinogenesis. 2003 , 38, 821-9	64
1229	Elevated plasma homocysteine as risk factor for peripheral arterial disease--what is the evidence?. 2003 , 16, 215-22	11
1228	Pre-eclampsia and thrombophilia. 2003 , 17, 441-58	21
1227	The methylenetetrahydrofolate reductase C677T point mutation is a risk factor for vascular access thrombosis in hemodialysis patients. 2003 , 41, 637-42	45

1226	Heterogeneity in the prevalence of methylenetetrahydrofolate reductase gene polymorphisms in women of different ethnic groups. 2003 , 103, 200-7	62
1225	Methylenetetrahydrofolate reductase gene polymorphism and susceptibility to diabetic nephropathy in type 1 diabetes. 2003 , 41, 1189-94	18
1224	Folate status and a new repletion cut-off value in a group of healthy Majorcan women. 2003 , 22, 53-8	5
1223	Inherited thrombophilias are not increased in "idiopathic" small-for-gestational-age pregnancies. 2003 , 188, 981-5	42
1222	Elevated plasma homocysteine in early pregnancy: a risk factor for the development of nonsevere preeclampsia. 2003 , 189, 391-4; discussion 394-6	59
1221	Discussion. 2003 , 189, 394-396	7
1220	A relationship between methylenetetrahydrofolate reductase variants and the development of invasive cervical cancer. 2003 , 90, 560-5	35
1219	Idiopathic intracranial hypertension: associations with coagulation disorders and polycystic-ovary syndrome. 2003 , 142, 35-45	68
1218	Contribution of thermolabile methylenetetrahydrofolate reductase variant to total plasma homocysteine levels in healthy men and women. Inter99 (2). 2003 , 24, 322-30	23
1217	Characterization of mutations in severe methylenetetrahydrofolate reductase deficiency reveals an FAD-responsive mutation. 2003 , 21, 509-20	43
1216	Spectrum of CBS mutations in 16 homocystinuric patients from the Iberian Peninsula: high prevalence of T191M and absence of I278T or G307S. 2003 , 22, 103	21
1215	Effect of methylenetetrahydrofolate reductase 677C-->T polymorphism on toxicity and homocysteine plasma level after chronic methotrexate treatment of ovarian cancer patients. 2003 , 103, 294-9	107
1214	Methylenetetrahydrofolate reductase (MTHFR): incidence of mutations C677T and A1298C in Brazilian population and its correlation with plasma homocysteine levels in spina bifida. 2003 , 119A, 20-5	38
1213	Methionine synthase (MTR) 2756 (A --> G) polymorphism, double heterozygosity methionine synthase 2756 AG/methionine synthase reductase (MTRR) 66 AG, and elevated homocysteinemia are three risk factors for having a child with Down syndrome. 2003 , 121A, 219-24	102
1212	Serum homocysteine, thermolabile variant of methylene tetrahydrofolate reductase (MTHFR), and venous thromboembolism: Longitudinal Investigation of Thromboembolism Etiology (LITE). 2003 , 72, 192-200	64
1211	Characterization of MTHFR, GSTM1, GSTT1, GSTP1, and CYP1A1 genotypes in childhood acute leukemia. 2003 , 73, 154-60	88
1210	Evaluation of infant methylenetetrahydrofolate reductase genotype, maternal vitamin use, and risk of high versus low level spina bifida defects. 2003 , 67, 154-7	27
1209	Hyperhomocysteinemia and its role in the development of atherosclerosis. 2003 , 36, 431-41	156

1208	Updated investigations of the role of methylenetetrahydrofolate reductase in human neural tube defects. 2003 , 63, 210-4	25
1207	Genetic susceptibility to neural tube defect pregnancy varies with offspring phenotype. 2003 , 64, 424-8	40
1206	Plasminogen activator inhibitor type 1 (PAI1) and platelet glycoprotein IIIa (PGIIIa) polymorphisms in Black South Africans with pre-eclampsia. 2003 , 82, 313-7	20
1205	Common gene polymorphisms and nutrition: emerging links with pathogenesis of multifactorial chronic diseases (review). 2003 , 14, 426-51	114
1204	Deflavination and reconstitution of flavoproteins. 2003 , 270, 4227-42	104
1203	Effect of metabolic control on homocysteine levels in type 2 diabetic patients: a 3-year follow-up. 2003 , 254, 264-71	20
1202	Effects of the glutamate carboxypeptidase II (GCP2 1561C>T) and reduced folate carrier (RFC1 80G>A) allelic variants on folate and total homocysteine levels in kidney transplant patients. 2003 , 63, 2280-5	39
1201	Effect of TCN2 776C>G on vitamin B12 cellular availability in end-stage renal disease patients. 2003 , 64, 1095-100	23
1200	Homocysteine, renal function, and risk of cardiovascular disease. 2003 , S131-3	30
1199	Pathobiology and genetics of neural tube defects. 2003 , 44 Suppl 3, 14-23	89
1198	The epidemiology of venous thromboembolism in Caucasians and African-Americans: the GATE Study. 2003 , 1, 80-7	124
1197	Thromboprophylaxis improves the live birth rate in women with consecutive recurrent miscarriages and hereditary thrombophilia. 2003 , 1, 433-8	136
1196	A common mutation in 5,10-methylenetetrahydrofolate reductase (MTHFR) gene in two Arab communities. 2003 , 1, 2246-8	3
1195	Hyperhomocysteinemia: an important risk factor for cardiovascular disease? Potentially, yes. 2003 , 1, 1878-9	2
1194	Association between plasma homocysteine concentrations and asymptomatic cerebral infarction or leukoaraiosis in elderly diabetic patients. 2003 , 3, 15-23	4
1193	Plasma homocysteine and cognitive function in elderly patients with diabetes mellitus. 2003 , 3, 86-92	1
1192	Methylenetetrahydrofolate reductase (MTHFR) allele frequencies in Amerindians. 2003 , 67, 367-71	4
1191	Gene polymorphisms associated with diminished activity of 5,10-methylenetetrahydrofolate reductase do not explain the clinical manifestations of cobalamin deficiency. 2003 , 120, 907-9	4

1190	Recombinant factor VIIa for refractive haemorrhage in autoimmune idiopathic thrombocytopenic purpura. 2003 , 120, 909-10	35
1189	Ca ²⁺ ionophore-induced dendritic cell differentiation in a patient with defective Ca ²⁺ ionophore-induced platelet aggregation. 2003 , 120, 910-1	
1188	A spectrum of skin reactions caused by the tyrosine kinase inhibitor imatinib mesylate (STI 571, Glivec). 2003 , 120, 911-3	34
1187	Plasma protein Z deficiency is common in women with antiphospholipid antibodies. 2003 , 120, 913-4	21
1186	Intensive triathlon training induces low peripheral CD34 ⁺ stem cells. 2003 , 120, 914-5	5
1185	Methionine synthase genetic polymorphism MS A2756G alters susceptibility to follicular but not diffuse large B-cell non-Hodgkin's lymphoma or multiple myeloma. 2003 , 120, 1051-4	51
1184	Complex disease genetics enters the high street. 2003 , 33, 186-8	
1183	Folate intake, plasma folate and homocysteine status in a random Finnish population. 2003 , 57, 81-8	63
1182	Acute absorption of folic acid from a fortified low-fat spread. 2003 , 57, 1235-41	7
1181	Reduced folate carrier polymorphism (80A-->G) and neural tube defects. 2003 , 11, 245-52	83
1180	Genetic polymorphisms in folate and homocysteine metabolism as risk factors for DNA damage. 2003 , 11, 671-8	61
1179	The platelet glycoprotein Ia/IIa gene polymorphism C807T/G873A: a novel risk factor for retinal vein occlusion. 2003 , 17, 772-7	29
1178	Hyperhomocysteinemia but not MTHFR genotype is associated with young-onset essential hypertension. 2003 , 17, 361-4	12
1177	Genomic profiling to promote a healthy lifestyle: not ready for prime time. <i>Nature Genetics</i> , 2003 , 34, 347-50	36.3 133
1176	Cancer pharmacogenetics: polymorphisms, pathways and beyond. 2003 , 3, 912-20	160
1175	[C677T and A1298C MTHFR polymorphisms in the etiology of neural tube defects in Spanish population]. 2003 , 120, 441-5	10
1174	¿Qué debe conocer el cirujano vascular sobre los estados de hipercoagulabilidad en las enfermedades venosas?. 2003 , 55, 109-119	
1173	[Hyperhomocysteinemia during pregnancy as a risk factor of preeclampsia]. 2003 , 121, 350-5	3

1172	Hyperhomocysteinemia and thrombosis. 2003 , 17, 85-102	24
1171	Estrogens, homocysteine, vasodilatation and menopause: basic mechanisms, interactions and clinical implications. 2003 , 17, 339-54	13
1170	Thrombophilia does not increase risk for neonatal complications in preterm infants. 2003 , 90, 823-8	21
1169	Combined thrombophilic polymorphisms in women with idiopathic recurrent miscarriage. 2003 , 79, 1141-8	56
1168	C677T methylenetetrahydrofolate reductase polymorphism interferes with the effects of folic acid and zinc sulfate on sperm concentration. 2003 , 80, 1190-4	98
1167	Effects of polymorphisms of methionine synthase and methionine synthase reductase on total plasma homocysteine in the NHLBI Family Heart Study. 2003 , 166, 49-55	81
1166	Plasma homocysteine in subjects with familial combined hyperlipidemia. 2003 , 166, 111-7	14
1165	Hyperhomocysteinemia and vitamin B-12 deficiency are more striking in Syrians than in Germans--causes and implications. 2003 , 166, 143-50	19
1164	Investigations of a common genetic variant in betaine-homocysteine methyltransferase (BHMT) in coronary artery disease. 2003 , 167, 205-14	72
1163	Methylenetetrahydrofolate reductase (MTHFR) 677C>T and methionine synthase reductase (MTRR) 66A>G polymorphisms: association with serum homocysteine and angiographic coronary artery disease in the era of flour products fortified with folic acid. 2003 , 168, 315-22	45
1162	Hypertrophy of IMC of carotid artery in Parkinson's disease is associated with L-DOPA, homocysteine, and MTHFR genotype. 2003 , 207, 19-23	69
1161	European guidelines on cardiovascular disease prevention in clinical practice: Third Joint Task Force of European and other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of eight societies and by invited experts). 2003 , 10, S1-S78	44
1160	Thrombophilia and pregnancy. 2003 , 1, 111	100
1159	Fenofibrate-induced hyperhomocysteinaemia: clinical implications and management. 2003 , 26, 81-91	19
1158	Toxicity of nitrous oxide. 2003 , 17, 47-61	100
1157	A Pilot Study of Vitamins to Lower Plasma Homocysteine Levels in Alzheimer Disease. 2003 , 11, 246-249	34
1156	The methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism and male infertility in Italy. 2003 , 26, 620-2	60
1155	Will pharmacogenetics allow better prediction of methotrexate toxicity and efficacy in patients with rheumatoid arthritis?. 2003 , 62, 4-9	52

1154	Polycystic ovary syndrome, the G1691A factor V Leiden mutation, and plasminogen activator inhibitor activity: associations with recurrent pregnancy loss. 2003 , 52, 1627-32	44
1153	Homozygous C677T mutation in the MTHFR gene as an independent risk factor for multiple small-artery occlusions. 2003 , 111, 39-44	40
1152	Screening for multiple hereditary hypercoagulability factors using the amplification refractory mutation system. 2003 , 111, 115-20	15
1151	Associated thrombophilic defects in essential thrombocythaemia: their relationship with clinical manifestations. 2003 , 112, 131-5	8
1150	Plasma homocysteine is elevated in patients with exfoliation syndrome. 2003 , 136, 41-6	103
1149	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
1148	Multiple single-nucleotide polymorphisms in the methylenetetrahydrofolate reductase and its truncated pseudogene of 23 inbred strains of mice. 2003 , 312, 480-6	
1147	Inherited thrombophilic disorders in young adults with ischemic stroke and patent foramen ovale. 2003 , 34, 28-33	147
1146	Stroke in young patients with hyperhomocysteinemia due to cystathionine beta-synthase deficiency. 2003 , 60, 275-9	60
1145	Folate status, genomic DNA hypomethylation, and risk of colorectal adenoma and cancer: a case control study. 2003 , 124, 1240-8	229
1144	Factor V Leiden--the commonest molecular defect in arterial and venous thrombophilia in India. 2003 , 110, 19-21	20
1143	Does the MTHFR 677T allele alter the clinical phenotype in severe haemophilia A?. 2003 , 109, 71-2	18
1142	Prevalence of factor V Leiden, FII G20210A, FXIII Val34Leu and MTHFR C677T polymorphisms in cancer patients with and without venous thrombosis. 2003 , 109, 171-4	45
1141	Homocysteine and hemostatic disorder as a risk factor for myocardial infarction at a young age. 2003 , 109, 253-8	26
1140	The 677 C-T methylenetetrahydrofolate reductase mutation does not predict increased maternal homocysteine during pregnancy. 2003 , 101, 762-6	26
1139	Croatian population data for the C677T polymorphism in methylenetetrahydrofolate reductase: frequencies in healthy and atherosclerotic study groups. 2003 , 335, 95-100	13
1138	Is there additional effect of MTHFR C677T mutation on lipid abnormalities in renal allograft recipients?. 2003 , 35, 1390-2	12
1137	Factor V Leiden, prothrombin 20210G --> A, methylenetetrahydrofolate reductase 677C --> T and plasminogen activator inhibitor 4G/5G polymorphism in women with pregnancy-related venous thromboembolism. 2003 , 111, 157-63	27

1136	Methylenetetrahydrofolate reductase polymorphism C677T is not associated to the risk of cervical dysplasia. 2003 , 191, 187-91	46
1135	Methylenetetrahydrofolate reductase and angiotensin converting enzyme gene polymorphisms in two genetically and diagnostically distinct cohort of Alzheimer patients. 2003 , 24, 933-9	52
1134	[A common mutation C677T in the 5,10-methyltetrahydrofolate reductase gene is associated to idiopathic deep venous thrombosis]. 2003 , 24, 569-76	8
1133	Diabetic retinopathy in Euro-Brazilian type 2 diabetic patients: relationship with polymorphisms in the aldose reductase, the plasminogen activator inhibitor-1 and the methylenetetrahydrofolate reductase genes. 2003 , 61, 133-6	51
1132	Association of the C677T and A1298C polymorphisms in the 5,10 methylenetetrahydrofolate reductase gene in patients with migraine risk. 2003 , 111, 84-90	127
1131	Methylenetetrahydrofolate reductase gene polymorphisms in patients with schizophrenia. 2003 , 117, 104-7	44
1130	Recent advances in the treatment and understanding of childhood acute lymphoblastic leukaemia. 2003 , 29, 31-44	37
1129	Methionine dependency and cancer treatment. 2003 , 29, 489-99	142
1128	Homocysteine metabolism and B-vitamins in schizophrenic patients: low plasma folate as a possible independent risk factor for schizophrenia. 2003 , 121, 1-9	61
1127	Folate and homocysteine metabolism in neural plasticity and neurodegenerative disorders. 2003 , 26, 137-46	641
1126	Vitamin B12 decreases, but does not normalize, homocysteine and methylmalonic acid in end-stage renal disease: a link with glycine metabolism and possible explanation of hyperhomocysteinemia in end-stage renal disease. 2003 , 52, 168-72	13
1125	Plasma homocysteine levels correlated to interactions between folate status and methylene tetrahydrofolate reductase gene mutation in women with unexplained recurrent pregnancy loss. 2003 , 23, 55-8	50
1124	Physical activity modulates effects of some genetic polymorphisms affecting cardiovascular risk in men aged over 40 years. 2003 , 13, 202-10	15
1123	Gene-gene interaction between the cystathionine beta-synthase 31 base pair variable number of tandem repeats and the methylenetetrahydrofolate reductase 677C > T polymorphism on homocysteine levels and risk for neural tube defects. 2003 , 78, 211-5	19
1122	Interaction between common folate polymorphisms and B-vitamin nutritional status modulates homocysteine and risk for a thrombotic event. 2003 , 79, 201-13	20
1121	Coronary atherosclerosis and somatic mutations: an overview of the contributive factors for oxidative DNA damage. 2003 , 543, 67-86	112
1120	Large volume donor plasmapheresis in inherited thrombophilia implicated in arterial thrombosis. 2003 , 28, 201-6	13
1119	Mammalian longevity under the protection of PARP-1's multi-facets. 2003 , 2, 129-48	17

1118	The prevalence of hyperhomocysteinemia, methylene tetrahydrofolate reductase C677T mutation, and vitamin B12 and folate deficiency in patients with chronic venous insufficiency. 2003 , 38, 904-8	33
1117	Elevated plasma homocysteine was associated with hemorrhagic and ischemic stroke, but methylenetetrahydrofolate reductase gene C677T polymorphism was a risk factor for thrombotic stroke: a Multicenter Case-Control Study in China. 2003 , 34, 2085-90	164
1116	Does the interaction between maternal folate intake and the methylenetetrahydrofolate reductase polymorphisms affect the risk of cleft lip with or without cleft palate?. 2003 , 157, 583-91	138
1115	Polymorphisms in the MTHFR gene are associated with breast cancer. 2003 , 24, 286-90	76
1114	Maternal 677CT/1298AC genotype of the MTHFR gene as a risk factor for cleft lip. 2003 , 40, e64	49
1113	5,10-Methylenetetrahydrofolate reductase 677C->T and 1298A->C mutations are genetic determinants of elevated homocysteine. 2003 , 96, 297-303	79
1112	Folate status, metabolic genotype, and biomarkers of genotoxicity in healthy subjects. 2003 , 24, 1097-103	75
1111	Effect of six candidate genes on early aging in a French population. 2003 , 15, 111-6	12
1110	Genotyping of the MTHFR gene polymorphism, C677T in patients with leukemia by melting curve analysis. <i>Molecular Diagnosis and Therapy</i> , 2003 , 7, 181-5	27
1109	Renin-angiotensin-aldosterone system loci and multilocus interactions in young-onset essential hypertension. 2003 , 25, 117-30	24
1108	Thrombophilia in Infancy: Factor V Leiden and MTHFR or Factor II Double Heterozygosity as a Risk Factor. 2003 , 20, 219-227	1
1107	Genetic polymorphisms associated with acute pulmonary embolism and deep venous thrombosis. 2003 , 21, 25-30	38
1106	A low glycemic diet significantly improves the 24-h blood glucose profile in people with type 2 diabetes, as assessed using the continuous glucose MiniMed monitor. 2003 , 26, 548-9	34
1105	Age dependence of the influence of methylenetetrahydrofolate reductase genotype on plasma homocysteine level. 2003 , 158, 871-7	30
1104	Geographical and ethnic variation of the 677C>T allele of 5,10 methylenetetrahydrofolate reductase (MTHFR): findings from over 7000 newborns from 16 areas world wide. 2003 , 40, 619-25	325
1103	Increased plasma homocysteine levels in shift working bus drivers. 2003 , 60, 662-6	24
1102	Heteroplasmy for the 1555A>G mutation in the mitochondrial 12S rRNA gene in six Spanish families with non-syndromic hearing loss. 2003 , 40, 632-6	95
1101	Pediatric acute lymphoblastic leukemia. 2003 , 2003, 102-31	92

1100	MTHFR gene polymorphism as a risk factor for diabetic retinopathy in type 2 diabetic patients without serum creatinine elevation. 2003 , 26, 547-8	29
1099	Uniparental disomy of chromosome 13q causing homozygosity for the 35delG mutation in the gene encoding connexin26 (GJB2) results in prelingual hearing impairment in two unrelated Spanish patients. 2003 , 40, 636-9	14
1098	Commentary: Colon cancer, folate and genetic status. 2003 , 32, 67-70	7
1097	Molecular study of three cases of odontohypophosphatasia resulting from heterozygosity for mutations in the tissue non-specific alkaline phosphatase gene. 2003 , 40, 605-9	23
1096	Characterisation of deletions of the ZFHX1B region and genotype-phenotype analysis in Mowat-Wilson syndrome. 2003 , 40, 601-5	50
1095	5,10-Methylenetetrahydrofolate reductase polymorphisms and leukemia risk: a HuGE minireview. 2003 , 157, 571-82	205
1094	Pathogenic mutations but not polymorphisms in congenital and childhood onset autosomal recessive deafness disrupt the proteolytic activity of TMPRSS3. 2003 , 40, 629-31	37
1093	Diabetes and cholesterol metabolism: the succinate hypothesis. 2003 , 26, 549-50; discussion 550	5
1092	Homocysteine status and polymorphisms of methylenetetrahydrofolate reductase are not associated with restenosis after stenting in coronary arteries. 2003 , 23, 2229-34	18
1091	Outcome of kidney transplantation in patients with inherited thrombophilia: data of a prospective study. 2003 , 14, 234-9	50
1090	No evidence of association between prothrombotic gene polymorphisms and the development of acute myocardial infarction at a young age. 2003 , 107, 1117-22	173
1089	Hyperhomocysteinaemia as a risk factor for venous thrombosis: an update of the current evidence. 2003 , 41, 1404-7	16
1088	Emerging risk factors for atherosclerotic vascular disease: a critical review of the evidence. 2003 , 290, 932-40	342
1087	Homocysteine and the risk of intrauterine growth retardation. 2003 , 49, 1432-3	5
1086	Review: Homocysteine, endothelial dysfunction and oxidative stress in type 1 diabetes mellitus. 2003 , 3, 334-340	5
1085	Genetic determinants of folate and vitamin B12 metabolism: a common pathway in neural tube defect and Down syndrome?. 2003 , 41, 1473-7	58
1084	Homocysteine, methylenetetrahydrofolate reductase C677T polymorphism and the B-vitamins: a facet of nature-nurture interplay. 2003 , 41, 547-53	12
1083	The risk of venous thromboembolism associated with the factor V Leiden mutation and low B-vitamin status. 2003 , 41, 1357-62	7

1082	Association between 5,10-methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and conotruncal heart defects. 2003 , 41, 276-80	49
1081	Small babies receive the cardiovascular protective apolipoprotein epsilon 2 allele less frequently than expected. 2003 , 40, 626-9	17
1080	Genetically Determined Procoagulant States and Heparin Use. 2003 , 7, 427-442	1
1079	DACH-LIGA homocystein (german, austrian and swiss homocysteine society): consensus paper on the rational clinical use of homocysteine, folic acid and B-vitamins in cardiovascular and thrombotic diseases: guidelines and recommendations. 2003 , 41, 1392-403	148
1078	Comparison of standard PCR and the LightCycler technique to determine the thrombophilic mutations: an efficiency and cost study. 2003 , 41, 482-5	4
1077	Low frequency of mutated methylenetetrahydrofolate reductase 677C-->T and 1298A-->C genetics single nucleotide polymorphisms (SNPs) in Sub-Saharan populations. 2003 , 41, 1028-32	12
1076	Effect of hyperhomocystinemia and hypertension on endothelial function in methylenetetrahydrofolate reductase-deficient mice. 2003 , 23, 1352-7	69
1075	The role of genetic factors in the development of hyperhomocysteinemia. 2003 , 41, 1427-34	27
1074	Gene-gene and gene-environment interactions in mild hyperhomocysteinemia. 2003 , 33, 337-41	14
1073	Methods in assessing homocysteine metabolism. 2003 , 1, 129-40	1
1072	Candidate gene studies in focal dystonia. 2003 , 61, 1097-101	37
1071	High incidence of two methylenetetrahydrofolate reductase mutations (C677T and A1298C) in Hispanics. 2003 , 7, 255-7	5
1070	Pharmacogenetics in cancer treatment. 2003 , 54, 437-52	100
1069	Review article: inherited thrombophilia in inflammatory bowel disease. 2003 , 98, 1247-51	75
1068	Genetics of hyperhomocysteinaemia in cardiovascular disease. 2003 , 40, 46-59	40
1067	Hyperhomocysteinemia in cerebral vein thrombosis. 2003 , 102, 1363-6	172
1066	Update on cobalamin, folate, and homocysteine. 2003 , 2003, 62-81	239
1065	Leptin is reduced in lean subjects with type 2 diabetes in bangladesh. 2003 , 26, 547	52

1064	Relation of plasma folate and methylenetetrahydrofolate reductase C677T polymorphism to colorectal adenomas. 2003 , 32, 64-6	47
1063	Evidence of RPGRIP1 gene mutations associated with recessive cone-rod dystrophy. 2003 , 40, 616-9	80
1062	RPGR mutation associated with retinitis pigmentosa, impaired hearing, and sinorespiratory infections. 2003 , 40, 609-15	101
1061	Diabetes and Cholesterol Metabolism: The succinate hypothesis. 2003 , 26, 550-550	1
1060	Clinical challenges posed by new biotechnology. 2003 , 79, 65-6	3
1059	Effect of glutamate carboxypeptidase II and reduced folate carrier polymorphisms on folate and total homocysteine concentrations in dialysis patients. 2003 , 14, 1314-9	31
1058	Genetic evidence of heterogeneity in intrahepatic cholestasis of pregnancy. 2003 , 40, 640-640	78
1057	Inflammatory parameters are independent predictors of severe epicardial coronary stenosis in asymptomatic diabetic patients with silent myocardial ischemia. 2003 , 26, 545-6	6
1056	Spending in the U.S. on advertising for fast foods, sodas, and automobiles: food for thought regarding the type 2 diabetes epidemic. 2003 , 26, 546	5
1055	Effect of riboflavin status on the homocysteine-lowering effect of folate in relation to the MTHFR (C677T) genotype. 2003 , 49, 295-302	91
1054	Exploring the effects of methylenetetrahydrofolate reductase gene variants C677T and A1298C on the risk of orofacial clefts in 261 Norwegian case-parent triads. 2003 , 157, 1083-91	71
1053	Hyperhomocysteinemia as an independent risk factor for silent brain infarction. 2003 , 61, 1595-9	38
1052	Genetic evidence that nitric oxide modulates homocysteine: the NOS3 894TT genotype is a risk factor for hyperhomocysteinemia. 2003 , 23, 1014-20	48
1051	Dizygotic twinning is not associated with methylenetetrahydrofolate reductase haplotypes. 2003 , 18, 2460-4	15
1050	Effects of the C677T and A1298C polymorphisms of the MTHFR gene on the genetic predisposition for diabetic nephropathy. 2003 , 18, 1535-40	44
1049	Polymorphisms in the thymidylate synthase and methylenetetrahydrofolate reductase genes and sensitivity to the low-dose methotrexate therapy in patients with rheumatoid arthritis. 2003 , 11, 593	5
1048	MTHFR gene polymorphism as a risk factor for silent brain infarcts and white matter lesions in the Japanese general population: The NILS-LSA Study. 2003 , 34, 1130-5	92
1047	Association of methylenetetrahydrofolate reductase gene polymorphism with carotid atherosclerosis depending on smoking status in a Japanese general population. 2003 , 34, 1628-33	61

1046	Elevated plasma homocysteine levels in patients treated with levodopa: association with vascular disease. 2003 , 60, 59-64	131
1045	[Homocysteine and dementia]. 2003 , 71, 150-6	8
1044	Inherited thrombophilia and gestational vascular complications. 2003 , 29, 185-94	15
1043	The association between end-stage diabetic nephropathy and methylenetetrahydrofolate reductase genotype with macroangiopathy in type 2 diabetes mellitus. 2003 , 111, 132-8	16
1042	Homocysteine levels and C677T polymorphism of methylenetetrahydrofolate reductase in women with polycystic ovary syndrome. 2003 , 88, 673-9	72
1041	Adverse effect of nitrous oxide in a child with 5,10-methylenetetrahydrofolate reductase deficiency. 2003 , 349, 45-50	120
1040	Gene-gene interaction between fetal MTHFR 677C>T and transcobalamin 776C>G polymorphisms in human spontaneous abortion. 2003 , 18, 1948-50	29
1039	[Colorectal cancer and folate]. 2003 , 41, 263-70	
1038	Methylenetetrahydrofolate reductase gene polymorphism and glucocorticoid intake in children with ALL and aseptic osteonecrosis. 2003 , 215, 327-31	22
1037	Hyperhomocysteinemia in central retinal vein occlusion in young adults. 2003 , 18, 154-9	21
1036	Pharmacoeconomics of folic acid supplementation for cardiovascular disease prevention. 2003 , 3, 159-67	0
1035	Progression of the carotid artery intima-media thickness in young patients with type 1 diabetes. 2003 , 26, 545	10
1034	Plasmatic coagulation and fibrinolytic system alterations in PNH: relation to clone size. 2003 , 14, 685-95	29
1033	Platelet receptor and clotting factor polymorphisms as genetic risk factors for thromboembolic complications in heparin-induced thrombocytopenia. 2003 , 13, 253-8	30
1032	Is there more to folates than neural-tube defects?. 2003 , 62, 591-8	20
1031	Physical activity interventions in the prevention and treatment of paediatric obesity: systematic review and critical appraisal. 2003 , 62, 611-9	57
1030	Changes in haemostasis during normal pregnancy: does homocysteine play a role in maintaining homeostasis?. 2003 , 62, 479-93	21
1029	The search for thrombophilic gene mutations in women with gestational hypertension does not help in predicting poor pregnancy outcome. 2003 , 21, 1915-20	12

1028	Molecular epidemiology of preeclampsia. 2003 , 58, 39-66	78
1027	Re: laser peripheral iridoplasty as initial treatment of acute attack of primary angle-closure: a long-term follow-up study. 2003 , 12, 497; author reply 497-8	
1026	Hyperhomocystinemia in children with inflammatory bowel disease. 2003 , 37, 586-90	33
1025	Geriatric psychiatry: is the jury still out on the cognitive effects of homocysteine and one-carbon metabolism?. 2003 , 16, 649-658	0
1024	The 677 C-T Methylene tetrahydrofolate Reductase Mutation Does Not Predict Increased Maternal Homocysteine During Pregnancy. 2003 , 101, 762-766	16
1023	Severe venous thromboembolism in a young man with Klinefelter's syndrome and heterozygosity for both G20210A prothrombin and factor V Leiden mutations. 2003 , 14, 95-8	25
1022	Genetic variability and transplantation. 2003 , 13, 81-9	27
1021	Re: Laser Peripheral Iridoplasty as Initial Treatment of Acute Attack of Primary Angle-Closure: A Long-Term Follow-Up Study: Reply to Letter to the Editor. 2003 , 12, 497-498	
1020	Homocysteine in primary and secondary open-angle glaucoma. 2003 , 12, 498-9; author reply 499	6
1019	Prevalence of the C677T substitution of the methylenetetrahydrofolate reductase (MTHFR) gene in Wisconsin. 2003 , 5, 458-9	13
1018	A Genomic Approach to Dietetic Practice. 2003 , 18, 81-91	5
1017	Homocysteine in Primary and Secondary Open-Angle Glaucoma: Reply to Letter to the Editor. 2003 , 12, 499	
1016	Effect of incremental doses of folate on homocysteine and metabolically related vitamin concentrations in nondiabetic patients on peritoneal dialysis. 2003 , 49, 655-9	9
1015	Recent developments in orofacial cleft genetics. 2003 , 14, 130-43	67
1014	The effect of methylenetetrahydrofolate reductase C677T common variant on hypertensive risk is not solely explained by increased plasma homocysteine values. 2003 , 25, 209-20	27
1013	Folate status and homocysteine level in Italian patients aged under 60 on oral anticoagulant therapy. 2003 , 35, 140-4	1
1012	Vitamin supplementation reduces the progression of atherosclerosis in hyperhomocysteinemic renal-transplant recipients. 2003 , 75, 1551-5	57
1011	Homocysteine, apolipoprotein E and methylenetetrahydrofolate reductase in Alzheimer's disease and mild cognitive impairment. 2003 , 16, 64-70	69

1010	Genetic evaluation for coronary artery disease. 2003 , 5, 269-85	48
1009	Genetic polymorphisms and susceptibility to esophageal cancer among Chinese population (Review). 2003 , 10, 1615	9
1008	Genetic and nutritional factors contributing to hyperhomocysteinemia in young adults. 2003 , 101, 2483-8	192
1007	Effect of the methylenetetrahydrofolate reductase 677C-->T mutation on the relations among folate intake and plasma folate and homocysteine concentrations in a general population sample. 2003 , 77, 687-93	132
1006	Age and gender affect the relation between methylenetetrahydrofolate reductase C677T genotype and fasting plasma homocysteine concentrations in the Framingham Offspring Study Cohort. 2003 , 133, 3416-21	59
1005	Methylenetetrahydrofolate reductase 677C-->T variant modulates folate status response to controlled folate intakes in young women. 2003 , 133, 1272-80	68
1004	The interaction between MTHFR 677 C-->T genotype and folate status is a determinant of coronary atherosclerosis risk. 2003 , 133, 1281-5	39
1003	Folate, methyl-related nutrients, alcohol, and the MTHFR 677C-->T polymorphism affect cancer risk: intake recommendations. 2003 , 133, 3748S-3753S	98
1002	Combined marginal folate and riboflavin status affect homocysteine methylation in cultured immortalized lymphocytes from persons homozygous for the MTHFR C677T mutation. 2003 , 133, 2716-20	21
1001	Abstracts of Original Communications. 2003 , 62, 35A-93A	1
1000	Effect of hemostatic risk factors on the individual probability of thrombosis during pregnancy and the puerperium. 2003 , 90, 77-85	53
999	Association of Various Point Mutations as Risk Factors for Synthetic Graft Thrombosis in African American Hemodialysis Patients. 2003 , 4, 9-13	
998	Venöse Thrombose und Thrombophilie. 2003 , 23, 186-198	1
997	Coronary heart disease among Circassians in Israel is not associated with mutations in thrombophilia genes. 2003 , 75, 57-68	3
996	Haemophilia and thrombophilia. 2003 , 23, 36-40	31
995	Thermolabile methylenetetrahydrofolate reductase, homocysteine, and cardiovascular disease risk: the European Concerted Action Project. 2003 , 77, 63-70	44
994	Folate status response to controlled folate intake is affected by the methylenetetrahydrofolate reductase 677C-->T polymorphism in young women. 2003 , 133, 4107-11	63
993	The H475Y polymorphism in the glutamate carboxypeptidase II gene increases plasma folate without affecting the risk for neural tube defects in humans. 2003 , 133, 75-7	30

992	No Association between Hyperhomocysteinemia and Vascular Access Thrombosis in Chronic Hemodialysis. 2003 , 4, 14-20	1
991	Is hyperhomocysteinemia an important risk factor of cardiovascular disease?. 2003 , 33, 345-7	4
990	Association of various point mutations as risk factors for synthetic graft thrombosis in African American hemodialysis patients. 2003 , 4, 9-13	
989	Prognosis of young ischemic stroke in Taiwan: impact of prothrombotic genetic polymorphisms. 2004 , 92, 583-9	24
988	Increased fasting total homocysteine plasma levels as a risk factor for thromboembolism in children. 2004 , 91, 308-14	23
987	Phenotypic expression of the methylenetetrahydrofolate reductase 677C-->T polymorphism and flavin cofactor availability in thyroid dysfunction. 2004 , 80, 1050-7	14
986	Do prothrombotic factors influence clinical phenotype of severe haemophilia? A review of the literature. 2004 , 92, 305-10	59
985	[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
984	Hyperhomocysteinemia, endoplasmic reticulum stress, and alcoholic liver injury. 2004 , 10, 1699-708	149
983	. 2004 ,	32
982	Paediatric cerebral sinus vein thrombosis. A multi-center, case-controlled study. 2004 , 92, 713-8	67
981	The C677 mutation in methylene tetrahydrofolate reductase gene: correlation with uric acid and cardiovascular risk factors in elderly Korean men. 2004 , 19, 209-13	28
980	Elevated plasma homocysteine is positively associated with age independent of C677T mutation of the methylenetetrahydrofolate reductase gene in selected Egyptian subjects. 2004 , 1, 181-192	17
979	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
978	C677T polymorphism of the MTHFR gene and variant hemoglobins: a study in newborns from Salvador, Bahia, Brazil. 2004 , 20, 529-33	12
977	Thrombotic events of arteriovenous fistulae in hemodialysis patients related to the C677T thermolabile variant of methylenetetrahydrofolate reductase. 2004 , 5, 83-8	0
976	Alcohol, one-carbon metabolism, and colorectal cancer: recent insights from molecular studies. 2004 , 134, 2475S-2481S	111
975	Coagulation Abnormalities in Stroke. 2004 , 707-724	

974	Ethnicity and race influence the folate status response to controlled folate intakes in young women. 2004 , 134, 1786-92	31
973	The methylenetetrahydrofolate reductase gene variant (C677T) as a risk factor for essential hypertension in Caucasians. 2004 , 27, 663-7	44
972	Effect of interaction between adherence to a Mediterranean diet and the methylenetetrahydrofolate reductase 677C-->T mutation on homocysteine concentrations in healthy adults: the ATTICA Study. 2004 , 80, 849-54	35
971	Evaluation of high sensitive C-reactive protein and 5-10 methylenetetrahydrofolate reductase genotype in Japanese young adults. 2004 , 9, 291-7	2
970	Plasma homocysteine after insulin infusion in type II diabetic patients with and without methionine intolerance. 2004 , 112, 44-51	8
969	Cystathionine beta synthase as a risk factor for Alzheimer disease. 2004 , 1, 127-33	36
968	Hyperhomocysteinemia in patients with Cushing's syndrome. 2004 , 89, 3745-51	67
967	Chronic methionine load-induced hyperhomocysteinemia enhances rat carotid responsiveness for angiotensin II. 2004 , 70, 91-9	18
966	Homocysteine and cognitive function in elderly people. 2004 , 171, 897-904	81
965	Die Bedeutung von Folsäure für die Gesundheit in verschiedenen Lebensphasen - Teil 1: Folsäure und Neuralrohrdefekte. 2004 , 19, 141-146	
964	A C677T methylenetetrahydrofolate reductase (MTHFR) polymorphism and G20210A mutation in the prothrombin gene of sickle cell anemia patients from Northeast Brazil. 2004 , 28, 237-41	14
963	Genetic variation and nutritional requirements. 2004 , 93, 153-63	5
962	Polymorphisms of folate metabolic genes and susceptibility to bladder cancer: a case-control study. 2004 , 25, 1639-47	65
961	Homocysteine and folic acid are inversely related in black women with preeclampsia. 2004 , 43, 1279-82	40
960	MTHFR polymorphisms, dietary folate intake, and breast cancer risk: results from the Shanghai Breast Cancer Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004 , 13, 190-6	4 134
959	Gene-gene interaction in folate-related genes and risk of neural tube defects in a UK population. 2004 , 41, 256-60	114
958	Ramifications of four concurrent thrombophilic mutations and one hypofibrinolytic mutation. 2004 , 10, 365-71	3
957	Pattern of sequence variation across 213 environmental response genes. 2004 , 14, 1821-31	147

956	Methylenetetrahydrofolate reductase genotype affects risk of relapse after hematopoietic cell transplantation for chronic myelogenous leukemia. 2004 , 10, 7592-8		40
955	MTHFR C677T and A1298C polymorphisms: diet, estrogen, and risk of colon cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004 , 13, 285-92	4	95
954	Colorectal cancer and the relationship between genes and the environment. <i>Nutrition and Cancer</i> , 2004 , 48, 124-41	2.8	58
953	High-level multiplex genotyping of polymorphisms involved in folate or homocysteine metabolism by matrix-assisted laser desorption/ionization mass spectrometry. 2004 , 50, 391-402		45
952	Prevalence of factor V leiden, factor V cambridge, factor II G20210A and methylenetetrahydrofolate reductase C677T mutations in healthy and thrombophilic Serbian populations. 2004 , 112, 227-9		26
951	Methylenetetrahydrofolate reductase gene A222V polymorphism and risk of ischemic stroke. 2004 , 42, 1370-6		19
950	Analysis of candidate modifier loci for the severity of colonic familial adenomatous polyposis, with evidence for the importance of the N-acetyl transferases. 2004 , 53, 271-6		35
949	Red cell N5-methyltetrahydrofolate concentrations and C677T methylenetetrahydrofolate reductase genotype in patients with stroke. 2004 , 57, 54-7		8
948	Randomized trial of folic acid for prevention of cardiovascular events in end-stage renal disease. 2004 , 15, 420-6		190
947	DACH-LIGA Homocystein (German, Austrian and Swiss Homocysteine Society): Consensus Paper on the Rational Clinical Use of Homocysteine, Folic Acid and B-Vitamins in Cardiovascular and Thrombotic Diseases: Guidelines and Recommendations. 2004 , 42,		3
946	Case-control study of genotypes in multiple chemical sensitivity: CYP2D6, NAT1, NAT2, PON1, PON2 and MTHFR. 2004 , 33, 971-8		67
945	Transcobalamin polymorphism and serum holo-transcobalamin in relation to Alzheimer's disease. 2004 , 17, 215-21		21
944	Polymorphisms and Risk of Ischemic Stroke (POLARIS) study: rationale and design. 2004 , 51, 30-4		10
943	Homocysteine is a risk factor for cerebral small vessel disease, acting via endothelial dysfunction. 2004 , 127, 212-9		218
942	Evaluation of a shorter methionine loading test. 2004 , 42, 1027-31		7
941	Head and neck cancer susceptibility: a genetic marker in the methylenetetrahydrofolate reductase gene. 2004 , 66, 241-5		17
940	Consequences of elevated homocysteine during embryonic development and possible modes of action. 2004 , 10, 2719-32		25
939	Polymorphisms in the methylenetetrahydrofolate reductase gene and prostate cancer risk. 2004 , 25, 1465		1

938	The methylenetetrahydrofolate reductase C677T polymorphism is a major determinant of coffee-induced increase of plasma homocysteine: A randomized placebo controlled study. 2004 , 13, 811	1
937	Maternal and fetal variants of genetic thrombophilias and the risk of preeclampsia. 2004 , 15, 317-22	32
936	Effect of the methylenetetrahydrofolate reductase C677T polymorphism on chemosensitivity of colon and breast cancer cells to 5-fluorouracil and methotrexate. 2004 , 96, 134-44	185
935	Analytical validation of the tag-it high-throughput microsphere-based universal array genotyping platform: application to the multiplex detection of a panel of thrombophilia-associated single-nucleotide polymorphisms. 2004 , 50, 2028-36	62
934	Genetic and plasma markers of venous thromboembolism in patients with high grade glioma. 2004 , 10, 1312-7	74
933	Interference in measurement of potassium caused by bacterial contamination of an analyzer. 2004 , 50, 2463-4	3
932	Increased frequency of the MTHFR A1298C mutation in an Irish population. 2004 , 50, 2462-3	4
931	Genetic and acquired thrombotic factors in chronic hepatitis C. 2004 , 99, 527-31	41
930	The MTHFR C677T polymorphism is associated with depressive episodes in patients from Northern Ireland. 2004 , 18, 567-71	35
929	Hyperhomocysteinemia, low folate and vitamin B12 concentrations, and methylene tetrahydrofolate reductase mutation in cerebral venous thrombosis. 2004 , 35, 1790-4	91
928	Role of MTHFR genetic polymorphisms in the susceptibility to childhood acute lymphoblastic leukemia. 2004 , 103, 252-7	177
927	Methylenetetrahydrofolate reductase 677 C->T polymorphism and plasma folate in relation to pre-eclampsia risk among Peruvian women. 2004 , 15, 337-44	18
926	Hyperhomocysteinemia in a young woman presenting with stroke, associated with methylene tetrahydrofolate reductase C677T homozygosity. 2004 , 41, 241-4	
925	Hyperhomocysteinemia and other newly recognized inherited coagulation disorders (factor V Leiden and prothrombin gene mutation) in patients with idiopathic cerebral vein thrombosis. 2004 , 17, 153-9	51
924	Death receptor induced apoptosis: a new mechanism of homocysteine-mediated endothelial cell cytotoxicity. 2004 , 43, 1168-70	25
923	Elevated plasma homocysteine level in patients with Parkinson disease: motor, affective, and cognitive associations. 2004 , 61, 865-8	117
922	Is folic acid the ultimate functional food component for disease prevention?. 2004 , 328, 211-4	119
921	Maternal mutation 677C > T in the methylenetetrahydrofolate reductase gene associated with severe brain injury in offspring. 2005 , 67, 69-80	19

920	Effects of homocysteine on apoptosis-related proteins and anti-oxidant systems in isolated human lymphocytes. 2004 , 271, 1671-6	12
919	Methylenetetrahydrofolate reductase gene polymorphism is not related to diabetic nephropathy in Japanese Type 2 diabetic patients. 2004 , 21, 1051-2	17
918	Metabolic targets achieved in elderly diabetic patients attending a secondary care annual review diabetic clinic. 2004 , 21, 1052-3	1
917	Nitroglycerin spray rapidly improves pain in a patient with chronic painful diabetic neuropathy. 2004 , 21, 1053-4	10
916	Growth in Type 1 diabetic children. 2004 , 21, 1054-6	3
915	Evaluation of an information tool for diabetic patient education. 2004 , 21, 1056-7	2
914	A review of basal insulins. 2004 , 21, 1057; author reply 1057-8	
913	Reply. 2004 , 21, 1057-1058	
912	C677T mutation in the MTHFR gene was not found in patients with frontoethmoidal encephalocele in East Java, Indonesia. 2004 , 46, 409-14	24
911	Folate and Genetics. 2004 , 69, SNQ65-SNQ67	8
910	Methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and colorectal cancer: the Fukuoka Colorectal Cancer Study. 2004 , 95, 908-13	69
909	Pharmacogenetic determinants of outcome in acute lymphoblastic leukaemia. 2004 , 125, 421-34	32
908	The effects of folic acid supplements on coagulation status in pregnancy. 2004 , 127, 204-8	12
907	Correlates of total homocysteine plasma concentration in type 2 diabetes. 2004 , 34, 197-204	23
906	Patterns of co-occurrence of three single nucleotide polymorphisms of the 5,10-methylenetetrahydrofolate reductase gene in kidney transplant recipients. 2004 , 34, 613-8	9
905	Folate, homocysteine levels, methylenetetrahydrofolate reductase (MTHFR) 677C --> T variant, and the risk of myocardial infarction in young women: effect of female hormones on homocysteine levels. 2004 , 2, 35-41	16
904	Impact of environmental and hereditary risk factors on the clinical manifestation of thrombophilia in homozygous carriers of factor V:G1691A. 2004 , 2, 430-6	23
903	Homocysteine and markers of coagulation and endothelial cell activation. 2004 , 2, 445-51	20

902	The 894 G > T variant of endothelial nitric oxide synthase (eNOS) increases the risk of recurrent venous thrombosis through interaction with elevated homocysteine levels. 2004 , 2, 750-3	22
901	Preeclampsia and its interaction with common variants in thrombophilia genes. 2004 , 2, 1588-93	50
900	MTHFR T677 homozygosis influences the presence of aura in migraineurs. 2004 , 24, 491-4	70
899	Thrombophilia and stillbirth: possible connection by intrauterine growth restriction. 2004 , 111, 780-3	11
898	Association of pre-eclampsia with hyperhomocysteinaemia and methylenetetrahydrofolate reductase gene C677T polymorphism in a Turkish population. 2004 , 44, 423-7	17
897	C677T polymorphism of methylenetetrahydrofolate reductase gene affects plasma homocysteine level and is a genetic factor of late-onset Alzheimer's disease. 2004 , 4, 4-10	10
896	Effects of TCN2 776C>G on vitamin B, folate, and total homocysteine levels in kidney transplant patients. 2004 , 65, 1877-81	9
895	Methylenetetrahydrofolate reductase gene polymorphisms in black South Africans and the association with preeclampsia. 2004 , 83, 449-54	27
894	Assessment of the coagulation profile in hemato-oncological patients receiving ATG-based conditioning treatment for allogeneic stem cell transplantation. 2004 , 34, 459-63	9
893	Role of hyperhomocysteinemia in endothelial dysfunction and atherothrombotic disease. 2004 , 11 Suppl 1, S56-64	280
892	Effects of the interaction between the C677T 5,10-methylenetetrahydrofolate reductase polymorphism and serum B vitamins on homocysteine levels in pregnant women. 2004 , 58, 10-6	23
891	Effect of lifestyle factors on plasma total homocysteine concentrations in relation to MTHFR(C677T) genotype. <i>Inter99 (7)</i> . 2004 , 58, 1142-50	32
890	Maternal MTHFR interacts with the offspring's BCL3 genotypes, but not with TGFA, in increasing risk to nonsyndromic cleft lip with or without cleft palate. 2004 , 12, 521-6	44
889	Hyperhomocysteinemia in patients with diabetes mellitus with and without diabetic retinopathy. 2004 , 18, 460-5	39
888	Methylenetetrahydrofolate reductase (MTHFR) gene 677C>T and 1298A>C polymorphisms are associated with differential apoptosis of leukemic B cells in vitro and disease progression in chronic lymphocytic leukemia. 2004 , 18, 1816-23	25
887	No association between polymorphisms of methylenetetrahydrofolate reductase gene and schizophrenia in both Chinese and Scottish populations. 2004 , 9, 1063-5	26
886	Diet and cancer prevention. 2004 , 23, 6349-64	142
885	Thymidylate synthase and methylenetetrahydrofolate reductase gene polymorphisms: relationships with 5-fluorouracil sensitivity. 2004 , 90, 526-34	78

884	Pharmacokinetic study on the utilisation of 5-methyltetrahydrofolate and folic acid in patients with coronary artery disease. 2004 , 141, 825-30	30
883	Role of polymorphisms in MTHFR and MTHFD1 genes in the outcome of childhood acute lymphoblastic leukemia. 2004 , 4, 66-72	132
882	Pharmacogenetics in the treatment of breast cancer. 2004 , 4, 143-53	48
881	Pharmacogenetic approaches to rheumatoid arthritis. 2004 , 4, 350-3	5
880	Pharmacogenetics and inflammatory bowel disease: progress and prospects. 2004 , 10, 148-58	12
879	No association of C677T methylenetetrahydrofolate reductase and an endothelial nitric oxide synthase polymorphism with recurrent pregnancy loss. 2004 , 52, 60-6	44
878	Physiology of folate and vitamin B12 in health and disease. 2004 , 62, S3-12; discussion S13	308
877	Causes of childhood leukaemia and lymphoma. 2004 , 199, 104-17	64
876	Microarray-based method for genotyping of functional single nucleotide polymorphisms using dual-color fluorescence hybridization. 2004 , 548, 97-105	43
875	Frontiers in nutrigenomics, proteomics, metabolomics and cancer prevention. 2004 , 551, 51-64	106
874	Seasonal changes in markers of oxidative damage to lipids and DNA; correlations with seasonal variation in diet. 2004 , 551, 135-44	34
873	Homocysteine levels in women with antiphospholipid syndrome and normal fertile controls. 2004 , 63, 23-30	5
872	Nonarteritic anterior ischemic optic neuropathy: associations with homozygosity for the C677T methylenetetrahydrofolate reductase mutation. 2004 , 143, 184-92	52
871	Vascular genetic factors and human longevity. 2004 , 125, 169-78	30
870	Genetic risk factors for stroke and carotid atherosclerosis: insights into pathophysiology from candidate gene approaches. 2004 , 3, 227-35	179
869	Severe central nervous system thrombotic events in hemoglobin Sabine patient. 2004 , 72, 67-70	9
868	[Folate metabolism and colorectal carcinogenesis]. 2004 , 28, 582-92	4
867	Prevalence of MTHFR gene polymorphisms (C677T and A1298C) among Tamilians. 2004 , 77, 85-8	46

866	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
865	Comparison of results of percutaneous closure of patent foramen ovale for paradoxical embolism in patients with versus without thrombophilia. 2004 , 94, 1012-6	40
864	A mutation in the 5,10-methylenetetrahydrofolate reductase gene is not associated with preeclampsia in women of southeast Mexico. 2004 , 35, 231-4	16
863	Pharmacogenetics of disease-modifying anti-rheumatic drugs. 2004 , 18, 233-47	33
862	Methylation demand and homocysteine metabolism. 2004 , 44, 321-33	36
861	Folate intake, MTHFR C677T polymorphism, alcohol consumption, and risk for sporadic colorectal adenoma (United States). 2004 , 15, 493-501	35
860	Population Study of Frequency of Methylenetetrahydrofolate Reductase C677T Gene Polymorphism in Yakutia. 2004 , 40, 570-573	2
859	Pharmacogenetics of methotrexate. 2004 , 5, 819-34	61
858	Thrombophilic polymorphisms--factor V Leiden, prothrombin G20210A, and methylenetetrahydrofolate reductase C677T mutations--and preterm birth. 2004 , 116, 622-6	21
857	Clinical use and rational management of homocysteine, folic acid, and B vitamins in cardiovascular and thrombotic diseases. 2004 , 93, 439-53	64
856	D919G polymorphism of methionine synthase gene is associated with blood pressure response to benazepril in Chinese hypertensive patients. 2004 , 49, 296-301	8
855	Mutations of the MTHFR gene (428C>T and [458G>T+459C>T]) markedly decrease MTHFR enzyme activity. 2004 , 5, 135-40	18
854	Vascular risk and genetics of sporadic late-onset Alzheimer's disease. 2004 , 111, 69-89	58
853	[Risk management of coronary artery disease--pharmacological therapy]. 2004 , 154, 266-81	1
852	Folate, homocysteine, endothelial function and cardiovascular disease. 2004 , 15, 64-79	182
851	[Folate against hyperhomocysteinemia. A new approach for the prevention and therapy of alcoholism-associated disorders?]. 2004 , 75, 425-30	2
850	Evidence for an association of methylene tetrahydrofolate reductase polymorphism C677T and an increased risk of fractures: results from a population-based Danish twin study. 2004 , 15, 659-64	41
849	Genetics of antiphospholipid syndrome. 2004 , 6, 458-62	5

848	Age related changes in 5-methylcytosine content in human peripheral leukocytes and placentas: an HPLC-based study. 2004 , 68, 196-204	309
847	Detection of C677T mutation in methylenetetrahydrofolate reductase gene by denaturing high performance liquid chromatography. 2004 , 18, 625-9	4
846	Toward a better understanding of methotrexate. 2004 , 50, 1370-82	379
845	Metabolic effects and the methylenetetrahydrofolate reductase (MTHFR) polymorphism associated with neural tube defects in southern Brazil. 2004 , 70, 459-63	31
844	A family-based association study of congenital left-sided heart malformations and 5,10 methylenetetrahydrofolate reductase. 2004 , 70, 825-30	28
843	Differences in the frequency of the C677T mutation in the methylenetetrahydrofolate reductase (MTHFR) gene among the Lebanese population. 2004 , 76, 85-7	31
842	Molecular basis of inherited antithrombin deficiency in Portuguese families: identification of genetic alterations and screening for additional thrombotic risk factors. 2004 , 76, 163-71	9
841	Primary upper-extremity deep vein thrombosis: high prevalence of thrombophilic defects. 2004 , 76, 330-7	46
840	Methylenetetrahydrofolate reductase gene (MTHFR) polymorphisms and reduced risk of malignant lymphoma. 2004 , 77, 351-7	44
839	Methylenetetrahydrofolate reductase enzyme polymorphisms as maternal risk for Down syndrome among Turkish women. 2004 , 127A, 5-10	42
838	The homocysteine pathway: A new target for Alzheimer disease treatment?. 2004 , 62, 221-230	4
837	Pharmacogenomic approaches to therapies in rheumatic diseases. 2004 , 62, 161-171	1
836	Folic acid: neurochemistry, metabolism and relationship to depression. 2004 , 19, 477-88	56
835	Pronto ThromboRisk--a novel primer-extension ELISA based assay for the detection of mutations associated with increased risk for thrombophilia. 2004 , 18, 259-64	4
834	Increased transcription and activity of glutathione synthase in response to deficiencies in folate, vitamin E, and apolipoprotein E. 2004 , 75, 508-15	36
833	Association of the C677T and A1298C polymorphisms of methylenetetrahydrofolate reductase gene in patients with essential tremor in Turkey. 2004 , 19, 1472-6	30
832	Methylenetetrahydrofolate reductase 677C-->T polymorphism affects DNA methylation in response to controlled folate intake in young women. 2004 , 15, 554-60	112
831	Methylenetetrahydrofolate reductase genotype does not play a role in adult T-cell leukemia/lymphoma pathogenesis among human T-lymphotrophic virus type 1 carriers. 2004 , 28, 1039-41	3

830	Might erectile dysfunction be due to the thermolabile variant of methylenetetrahydrofolate reductase?. 2004 , 27, 883-5	8
829	Hyperhomocysteinemia, enzyme polymorphism and thiobarbituric Acid reactive system in children with high coronary risk family history. 2004 , 23, 386-90	3
828	[Influence of biochemical and genetic factors on homocysteine concentrations]. 2004 , 60, 215-21	4
827	[Frequency of the mutation 677C-T of methylenetetrahydrofolate reductase gene on a sample of 652 Spanish liveborn infants]. 2004 , 122, 361-4	1
826	Homocysteine levels in women with antiphospholipid syndrome and normal fertile controls. 2004 , 63, 23-23	
825	Ethnic differences of coronary artery disease-associated SNPs in two Israeli healthy populations using MALDI-TOF mass spectrometry. 2004 , 75, 1003-1003	
824	Rapid combined genotyping of factor V, prothrombin and methylenetetrahydrofolate reductase single nucleotide polymorphisms using minor groove binding DNA oligonucleotides (MGB probes) and real-time polymerase chain reaction. 2004 , 42, 1364-9	13
823	Nutritional genomics. 2004 , 5, 71-118	183
822	Pharmacogenetics of neoplastic diseases: new trends. 2004 , 49, 331-42	20
821	Folic acid and vitamin E supplementation effects on homocysteinemia, endothelial function and plasma antioxidant capacity in young myocardial-infarction patients. 2004 , 49, 79-84	24
820	Effect of immunosuppressive agents on long-term survival of renal transplant recipients: focus on the cardiovascular risk. 2004 , 64, 2047-73	106
819	Single nucleotide polymorphism profiling across the methotrexate pathway in normal subjects and patients with rheumatoid arthritis. 2004 , 5, 559-69	32
818	Methylenetetrahydrofolate reductase and transcobalamin genetic polymorphisms in human spontaneous abortion: biological and clinical implications. 2004 , 2, 7	42
817	Pregnancy outcome in patients with a history of recurrent spontaneous miscarriages and documented thrombophilias. 2004 , 57, 127-31	14
816	Predictors of oral mucositis in patients receiving hematopoietic cell transplants for chronic myelogenous leukemia. 2004 , 22, 1268-75	120
815	Role of magnesium, coenzyme Q10, riboflavin, and vitamin B12 in migraine prophylaxis. 2004 , 69, 297-312	43
814	Folate. 347-382	
813	Detection of genomic polymorphisms associated with venous thrombosis using the invader biplex assay. 2004 , 6, 137-44	22

812	Methylenetetrahydrofolate reductase (MTHFR) c677t gene variant modulates the homocysteine folate correlation in a mild folate-deficient population. 2004 , 340, 99-105	65
811	Genetic polymorphism of methylenetetrahydrofolate reductase as a risk factor for diabetic nephropathy in Chinese type 2 diabetic patients. 2004 , 64, 185-90	49
810	Sulfur containing amino acids and human disease. 2004 , 58, 47-55	125
809	Methylenetetrahydrofolate reductase polymorphism interacts with riboflavin intake to influence bone mineral density. 2004 , 35, 957-64	64
808	Methylenetetrahydrofolate reductase polymorphism (MTHFR C677T) and bone mineral density in Chinese men and women. 2004 , 35, 1369-74	32
807	Methylenetetrahydrofolate reductase polymorphism, alcohol intake, and risks of colon and rectal cancers in Korea. 2004 , 216, 199-205	51
806	Reduced breast cancer risk with increasing serum folate in a case-control study of the C677T genotype of the methylenetetrahydrofolate reductase gene. 2004 , 40, 1250-4	41
805	Fetal inherited thrombophilias influence the severity of preeclampsia, IUGR and placental abruption. 2004 , 113, 31-5	18
804	Hormone replacement influences homocysteine levels in the methionine-loading test: a randomized placebo controlled trial in postmenopausal women. 2004 , 117, 55-9	15
803	Adverse pregnancy outcomes are associated with multiple maternal thrombophilic factors. 2004 , 117, 144-7	35
802	Gene-nutrient and gene-gene interactions of controlled folate intake by Japanese women. 2004 , 316, 1210-6	29
801	Characterization of cystathionine beta-synthase gene mutations in homocystinuric Venezuelan patients: identification of one novel mutation in exon 6. 2004 , 81, 209-15	19
800	Low erythrocyte folate status and polymorphic variation in folate-related genes are associated with risk of neural tube defect pregnancy. 2004 , 81, 273-81	77
799	The C677T polymorphism of the methylenetetrahydrofolate reductase gene is associated with the level of decrease on diastolic blood pressure in essential hypertension patients treated by angiotensin-converting enzyme inhibitor. 2004 , 113, 361-9	23
798	Homocysteine as a neurotoxin in chronic alcoholism. 2004 , 28, 453-64	67
797	Hyperhomocysteinemia and the methylenetetrahydrofolate reductase 677C-T mutation in patients under 50 years of age affected by central retinal vein occlusion. 2004 , 111, 940-5	37
796	Platelet GPIaC807T polymorphism is associated with negative outcome of sudden hearing loss. 2004 , 191, 41-8	23
795	C677T polymorphism of the methylenetetrahydrofolate reductase gene is a risk factor of adverse events after coronary revascularization. 2004 , 96, 341-5	26

794	The methylenetetrahydrofolate reductase gene polymorphism (C677T) is associated with increased cardiovascular mortality in Hungary. 2004 , 97, 333-4	14
793	Ethnic differences of coronary artery disease-associated SNPs in two Israeli healthy populations using MALDI-TOF mass spectrometry. 2004 , 75, 1003-10	6
792	Portal vein thrombosis in children and adolescents: the low prevalence of hereditary thrombophilic disorders. 2004 , 39, 1356-61	43
791	Estrogen blocks homocysteine-induced endothelial dysfunction in porcine coronary arteries(1,2). 2004 , 118, 83-90	20
790	Risk factors and clinical presentation of portal vein thrombosis in patients with liver cirrhosis. 2004 , 40, 736-41	412
789	Hyperhomocysteinemia and vitamin B6 deficiency: new risk markers for nonvalvular atrial fibrillation?. 2004 , 148, 456-61	42
788	Meta-analysis of genetic studies in ischemic stroke: thirty-two genes involving approximately 18,000 cases and 58,000 controls. 2004 , 61, 1652-61	323
787	Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms in breast cancer: a Sardinian preliminary case-control study. 2019 , 16, 1089-1095	14
786	Antiepileptic drug-induced psychosis associated with MTHFR C677T: a case report. 2019 , 13, 250	2
785	Methylenetetrahydrofolate Reductase Gene C677T and A1298C Polymorphic Sequence Variations Influences the Susceptibility to Chronic Myeloid Leukemia in Kashmiri Population. <i>Frontiers in Oncology</i> , 2019 , 9, 612	53 2
784	Association study of high-frequency variants of gene with retinal vein occlusion in a Spanish population. 2019 , 40, 342-349	3
783	B-vitamins & one-carbon metabolism. 2019 , 319-336	
782	Ethnogeographic prevalence and implications of the 677C>T and 1298A>C polymorphisms in US primary care populations. 2019 , 13, 649-661	2
781	Role of single nucleotide polymorphisms (SNPs) in common migraine. 2019 , 55,	2
780	Association of plasma homocysteine level with vaso-occlusive crisis in sickle cell anemia patients of Odisha, India. 2019 , 98, 2257-2265	5
779	The role of one-carbon metabolism and homocysteine in Parkinson's disease onset, pathology and mechanisms. 2019 , 32, 218-230	13
778	Association of MTHFR C677T, MTHFR A1298C, and MTRR A66G Polymorphisms with Neural Tube Defects in Tunisian Parents. 2019 , 86, 190-200	8
777	Investigating the association of rs2346061 (CNDP1), rs7577 (CNDP2), and rs1801133 (MTHFR) variants and homocysteine level with diabetic nephropathy in an Iranian population. 2019 , 16, 100443	2

- 776 Severity of dental caries and risk of coronary heart disease in middle-aged men and women: a population-based cohort study of Korean adults, 2002-2013. **2019**, 9, 10491 4
- 775 Formate concentrations in maternal plasma during pregnancy and in cord blood in a cohort of pregnant Canadian women: relations to genetic polymorphisms and plasma metabolites. **2019**, 110, 1131-1137⁵
- 774 Plausible relationship between homocysteine and obesity risk via gene: a meta-analysis of 38,317 individuals implementing Mendelian randomization. **2019**, 12, 1201-1212 17
- 773 Genetics of high-dose methotrexate-induced oral mucositis: current perspectives. **2019**, 20, 621-623 3
- 772 Guidelines to Evaluate the Scientific Validity for Genotype-Based Dietary Advice. **2019**, 33-53
- 771 One-carbon metabolism supplementation improves outcome after stroke in aged male MTHFR-deficient mice. **2019**, 132, 104613 5
- 770 Effect of continued folic acid supplementation beyond the first trimester of pregnancy on cognitive performance in the child: a follow-up study from a randomized controlled trial (FASSTT Offspring Trial). **2019**, 17, 196 18
- 769 Sex-specific effects of methylenetetrahydrofolate reductase polymorphisms on schizophrenia with methylation changes. **2019**, 94, 152121 7
- 768 Nutritional Deficiencies, Bariatric Surgery, and Serum Homocysteine Level: Review of Current Literature. **2019**, 29, 3735-3742 18
- 767 Whole Genome Analyses of Chinese Population and De Novo Assembly of A Northern Han Genome. **2019**, 17, 229-247 21
- 766 Association between methylenetetrahydrofolate reductase (MTHFR) polymorphisms and lung cancer risk in Chinese people: An updated meta-analysis. **2019**, 98, e16037 4
- 765 Association Between the 5,10-MTHFR 677C>T and RFC1 80G>A Polymorphisms and Acute Lymphoblastic Leukemia. **2019**, 50, 175-180 3
- 764 Increased Carotid Intima-Media Thickness (IMT) in Hyperuricemic Individuals May Be Explained by Hyperhomocysteinemia Associated with Renal Dysfunction: a Cross-Sectional Study. **2019**, 34, e237 3
- 763 Folate pathway genetic polymorphisms modulate methotrexate-induced toxicity in childhood acute lymphoblastic leukemia. **2019**, 83, 755-762 11
- 762 The promoter hypermethylation pattern associated with the A1298C polymorphism influences lipid parameters and glycemic control in diabetic patients. **2019**, 11, 4 7
- 761 Methylenetetrahydrofolate Reductase () C677T Polymorphism and Subacute Combined Degeneration: Revealing a Genetic Predisposition. **2018**, 9, 1162 4
- 760 The exploration of mechanisms of comorbidity between migraine and depression. **2019**, 23, 4505-4513 23
- 759 Associations of MTRR and TSER polymorphisms related to folate metabolism with susceptibility to metabolic syndrome. **2019**, 41, 983-991 3

758	Advances in genetics of migraine. 2019 , 20, 72	56
757	Concentrations of the Selected Biomarkers of Endothelial Dysfunction in Response to Antiepileptic Drugs: A Literature Review. 2019 , 25, 1076029619859429	2
756	Lack of association between methylenetetrahydrofolate reductase C677T polymorphism, HPV infection and cervical intraepithelial neoplasia in Brazilian women. 2019 , 20, 100	2
755	Addressing optimal folate and related B-vitamin status through the lifecycle: health impacts and challenges. 2019 , 78, 449-462	18
754	Executive functioning in children with epilepsy: Genes matter. 2019 , 95, 137-147	4
753	Genetic factors associated with the predisposition to late onset Alzheimer's disease. 2019 , 707, 212-215	13
752	The MTHFR 677C>T polymorphism is associated with unmetabolized folic acid in breast milk in a cohort of Canadian women. 2019 , 110, 401-409	4
751	Effects of MTHFR C677T and A1298C Polymorphisms on Migraine Susceptibility: A Meta-Analysis of 26 Studies. 2019 , 59, 891-905	9
750	Alterations in folate-dependent one-carbon metabolism as colon cell transition from normal to cancerous. 2019 , 69, 1-9	6
749	The Importance of Maternal Folate Status for Brain Development and Function of Offspring. 2019 , 10, 502-519	28
748	Homocysteine Metabolism in Children and Adolescents: Influence of Age on Plasma Biomarkers and Correspondent Genotype Interactions. 2019 , 11,	9
747	Estimating carrier frequencies of newborn screening disorders using a whole-genome reference panel of 3552 Japanese individuals. 2019 , 138, 389-409	2
746	C677T Gene Polymorphism as Risk Factor for Psoriasis in Saudis. 2019 , 14, 1177271919830973	1
745	Shared genetic risk factors for depression and stroke. 2019 , 93, 55-70	12
744	MTHFR C677T polymorphism analysis: A simple, effective restriction enzyme-based method improving previous protocols. 2019 , 7, e628	8
743	Differential global and MTHFR gene specific methylation patterns in preeclampsia and recurrent miscarriages: A case-control study from North India. 2019 , 704, 68-73	14
742	Genetic Modulation of Neurocognitive Development in Cancer Patients throughout the Lifespan: a Systematic Review. 2019 , 29, 190-219	6
741	Effect of Vitamin B Supplementation on Cognitive Function in the Elderly: A Systematic Review and Meta-Analysis. 2019 , 36, 419-434	39

740	Plasma B-vitamins and one-carbon metabolites and the risk of breast cancer in younger women. 2019 , 176, 191-203	6
739	Clinical determination of folates: recent analytical strategies and challenges. 2019 , 411, 4383-4399	3
738	Paraquat Exposure Increases Oxidative Stress Within the Dorsal Striatum of Male Mice With a Genetic Deficiency in One-carbon Metabolism. 2019 , 169, 25-33	5
737	AUTOMATED CHARACTERIZATION OF CARDIOVASCULAR DISEASES USING WAVELET TRANSFORM FEATURES EXTRACTED FROM ECG SIGNALS. 2019 , 19, 1940009	8
736	Association of vitamin B12 mediated hyperhomocysteinemia with depression and anxiety disorder: A cross-sectional study among Bhil indigenous population of India. 2019 , 30, 199-203	7
735	Severe toxicity in adult patients with lung cancer under treatment with pemetrexed: a prospective cohort study. 2019 , 31, 95-104	4
734	Genetic polymorphism of methylenetetrahydrofolate reductase is associated with insulin resistance in Egyptian women with polycystic ovary syndrome. 2019 , 21, e3076	1
733	Disturbed homocysteine metabolism is associated with cancer. 2019 , 51, 1-13	58
732	Maternal LINE-1 DNA Methylation and Congenital Heart Defects in Down Syndrome. 2019 , 10, 41	3
731	A randomized controlled trial of folic acid intervention in pregnancy highlights a putative methylation-regulated control element at ZFP57. 2019 , 11, 31	22
730	Atherosclerosis at Extracranial Carotid Vessels and Serum Homocysteine. 2019 ,	
729	Methylenetetrahydrofolate Reductase Gene Variants Confer Potential Vulnerability to Autism Spectrum Disorder in a Saudi Community. 2019 , 15, 3569-3581	4
728	Correlation between methylenetetrahydrofolate reductase gene polymorphism and oligoasthenospermia and the effects of folic acid supplementation on semen quality. 2019 , 8, 678-685	4
727	References. 2019 , 415-510	
726	The Role of Single-Nucleotide Polymorphisms in the Function of Candidate Tumor Suppressor ALDH1L1. 2019 , 10, 1013	5
725	Folate and Inflammation Links between folate and features of inflammatory conditions. 2019 , 18, 100104	9
724	. 2019 ,	7
723	. 2019 ,	

722	Identification of genetic risk factors associated with ischaemic stroke in young Mexican patients. 2021 , 36, 337-345	0
721	Effects of factor v Leiden polymorphism on the pathogenesis and outcomes of preeclampsia. 2019 , 20, 189	0
720	Evidence on the causal link between homocysteine and hypertension from a meta-analysis of 40'173 individuals implementing Mendelian randomization. 2019 , 21, 1879-1894	10
719	B Vitamins and Fatty Acids: What Do They Share with Small Vessel Disease-Related Dementia?. 2019 , 20,	20
718	Association of Intake Folate and Related Gene Polymorphisms with Breast Cancer. 2019 , 65, 459-469	3
717	Interaction between MTHFR 677C>T, PON1 192Q>R and PON1 55L>M polymorphisms and its effect on non-recurrent spontaneous abortion in Mexican women. 2019 , 689, 69-75	2
716	A prospective study of a simple algorithm to individually dose high-dose methotrexate for children with leukemia at risk for methotrexate toxicities. 2019 , 83, 349-360	8
715	Mild Methylenetetrahydrofolate Reductase Deficiency Alters Inflammatory and Lipid Pathways in Liver. 2019 , 63, e1801001	13
714	Investigation of potential biomarkers for thrombosis related diseases in Turkish Cypriot population. 2019 , 124, 515-518	
713	C677T polymorphism increases MTX sensitivity via the inhibition of -adenosylmethionine and purine synthesis. 2019 , 133, 253-267	7
712	Folate and Epigenetics: Colorectal Cancer Risk and Detection. 2019 , 61-78	
711	Relationship between unexplained recurrent pregnancy loss and 5,10-methylenetetrahydrofolate reductase) polymorphisms. 2019 , 111, 597-603	12
710	Evaluation of the two polymorphisms rs1801133 in MTHFR and rs10811661 in CDKN2A/B in breast cancer. 2018 , 120, 2090	9
709	Identifying genetic markers associated with susceptibility to cardiovascular diseases. 2019 , 5, FSO350	7
708	Early Manifestations of Brain Aging in Mice Due to Low Dietary Folate and Mild MTHFR Deficiency. 2019 , 56, 4175-4191	10
707	Rehydration during exercise prevents the increase of homocysteine concentrations. 2019 , 51, 193-204	0
706	Pharmacogenomics in IVF: A New Era in the Concept of Personalized Medicine. 2019 , 26, 1313-1325	4
705	Homocysteine and Incident Atrial Fibrillation: The Atherosclerosis Risk in Communities Study and the Multi-Ethnic Study of Atherosclerosis. 2019 , 28, 615-622	12

704	Associations between folate and choline intake, homocysteine metabolism, and genetic polymorphism of MTHFR, BHMT and PEMT in healthy pregnant Polish women. 2020 , 77, 368-372	3
703	Association Between MTHFR Gene Common Variants, Serum Homocysteine, and Risk of Early-Onset Coronary Artery Disease: A Case-Control Study. 2020 , 58, 245-256	8
702	The association of prenatal folate and vitamin B12 levels with postnatal neurodevelopment varies by maternal MTHFR 677C>T genotype. 2020 , 44, 127-134	
701	Evidence of a Role for One-Carbon Metabolism in Blood Pressure: Can B Vitamin Intervention Address the Genetic Risk of Hypertension Owing to a Common Folate Polymorphism?. 2020 , 4, nzz102	9
700	Contribution of genetic polymorphism of methylene tetrahydrofolate reductase on the effect of methotrexate in ectopic pregnancy patients. 2020 , 34, e23030	1
699	Genes and genetics in hyperhomocysteinemia and the "1-carbon metabolism": implications for retinal structure and eye functions. 2020 , 98, 51-60	9
698	Association of Genetic Variants with Hyperhomocysteinemia in Indian Patients with Thrombosis. 2020 , 35, 465-473	3
697	Vitamins and epigenetics. 2020 , 633-650	5
696	Genetic and molecular determinants of prostate cancer among Iranian patients: An update. 2020 , 57, 37-53	2
695	Postoperative Symptomatic Cerebral Infarction in Pediatric Moyamoya Disease: Risk Factors and Clinical Outcome. 2020 , 136, e158-e164	11
694	Interictal epileptiform discharges on electroencephalography in children with methylenetetrahydrofolate reductase (MTHFR) polymorphisms. 2020 , 41, 631-636	1
693	A single amino acid substitution in the FAD-binding domain causes the inactivation of isomerase. 2020 , 84, 789-796	0
692	Genetic Variants of Homocysteine Metabolism, Homocysteine, and Frailty - Rugao Longevity and Ageing Study. 2020 , 24, 198-204	4
691	Pharmacogenetic Variants in MTHFR Gene are Significant Predictors of Methotrexate Toxicities in Bangladeshi Patients With Acute Lymphoblastic Leukemia. 2020 , 20, e58-e65	7
690	The SNP rs4846048 of MTHFR enhances the cervical cancer risk through association with miR-522: A preliminary report. 2020 , 8, e1055	6
689	5-fluorouracil and other fluoropyrimidines in colorectal cancer: Past, present and future. 2020 , 206, 107447	137
688	One-carbon metabolism factor MTHFR variant is associated with saccade latency in Spinocerebellar Ataxia type 2. 2020 , 409, 116586	0
687	Posterior circulation ischemia due to carotid artery dissection with hyperhomocysteinemia in a 51-year-old man. 2020 , 133, 2381-2382	

686	Predictive biomarkers of IgA vasculitis with nephritis by metabolomic analysis. 2020 , 50, 1238-1244	2
685	Joint Effects of Plasma Homocysteine Concentration and Traditional Cardiovascular Risk Factors on the Risk of New-Onset Peripheral Arterial Disease. 2020 , 13, 3383-3393	2
684	Influence of BDNF and MTHFR polymorphisms on hippocampal volume in first-episode psychosis. 2020 , 223, 345-352	2
683	Exercise during pregnancy mitigates the adverse effects of maternal obesity on adult male offspring vascular function and alters one-carbon metabolism. 2020 , 8, e14582	3
682	Atypical hemolytic uremic syndrome with peripheral gangrene and homocysteinemia in a child. 2020 , 2020, omaa048	1
681	Increased homocysteine expression associated with genetic changes in the folate pathway as a key determinant of preeclampsia: A prospective study from lower Assam, India. 2020 , 26, 100775	
680	Surveillance analysis of the effects of dietary and lifestyle determinants on plasma homocysteine levels by combining the MTHFR C677T polymorphism in a rural North Indian population. 2020 , 25, 100742	
679	Association Study of Polymorphisms with Nonarteritic Anterior Ischemic Optic Neuropathy in a Spanish Population. 2020 , 5, 34-46	2
678	Applications of molecular techniques in the clinical laboratory. 2020 , 337-349	
677	MTHFR C677T polymorphism not associated with meningiomas: Study of an interethnic Brazilian population, and meta-analysis. 2020 , 26, 100795	
676	A Concurrent Ischemic Stroke, Myocardial Infarction, and Aortic Thrombi in a Young Patient with Hyperhomocysteinemia: A Case Report. 2020 , 13, 581-590	1
675	rs1801133 Polymorphism Is Associated With Liver Fibrosis Progression in Chronic Hepatitis C: A Retrospective Study. 2020 , 7, 582666	2
674	Embryonic MTHFR contributes to blastocyst development. 2020 , 37, 1807-1814	6
673	Global DNA Methylation as a Potential Underlying Mechanism of Congenital Disease Development. 2020 ,	
672	C677T Polymorphism in the Gene Is Associated With Risperidone-Induced Weight Gain in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020 , 11, 617	5 0
671	Folate. 2020 , 239-255	1
670	Decisive evidence corroborates a null relationship between MTHFR C677T and chronic kidney disease: A case-control study and a meta-analysis. 2020 , 99, e21045	1
669	Improved conjunctival microcirculation in diabetic retinopathy patients with MTHFR polymorphisms after Ocufolin Administration. 2020 , 132, 104066	3

668	Methylenetetrahydrofolate Reductase (MTHFR) C677T and A1298C Polymorphisms in Georgian Females with Hypothyroidism. 2020 , 7, 47-50	0
667	Behavioral and Psychological Symptoms of Dementia (BPSD): Clinical Characterization and Genetic Correlates in an Italian Alzheimer's Disease Cohort. 2020 , 10,	5
666	Allosteric inhibition of MTHFR prevents futile SAM cycling and maintains nucleotide pools in one-carbon metabolism. 2020 , 295, 16037-16057	3
665	Riboflavin Is an Important Determinant of Vitamin B-6 Status in Healthy Adults. 2020 , 150, 2699-2706	2
664	Clinical characteristics of H-type hypertension and its relationship with the MTHFR C677T polymorphism in a Zhuang population from Guangxi, China. 2020 , 34, e23499	5
663	Folate metabolism: Impact of involved genetic variants on homocysteine and folate levels in type 2 diabetic patients with coronary artery disease. 2020 , 26, 100817	
662	Genetic Variants Shaping Inter-individual Differences in Response to Dietary Intakes-A Narrative Review of the Case of Vitamins. 2020 , 7, 558598	4
661	Prevalence of the methylenetetrahydrofolate reductase 677C>T polymorphism in the pregnant women of Yunnan Province, China. 2020 , 99, e22771	2
660	Polymorphism of MTHFR C677T Gene and the Associations with the Severity of Essential Hypertension in Northern Chinese Population. 2020 , 2020, 1878917	2
659	Variants c.677 C>T, c.1298 A>C in , and c.66 A>G in Affect the Occurrence of Recurrent Pregnancy Loss in Chinese Women. 2020 , 24, 717-722	4
658	Sequential multiple retinal vein occlusions and transient ischemic attack in MTHFR polymorphism and protein S deficiency. 2020 , 8, e1273	2
657	Association of Homocysteine, Methionine, and MTHFR 677C>T Polymorphism With Rate of Cardiovascular Multimorbidity Development in Older Adults in Sweden. 2020 , 3, e205316	4
656	Combination of Exercise and Vegetarian Diet: Relationship with High Density-Lipoprotein Cholesterol in Taiwanese Adults Based on MTHFR rs1801133 Polymorphism. 2020 , 12,	3
655	Effects of MTHFR C677T polymorphism on vitamin D, homocysteine and natural killer cell cytotoxicity in women with recurrent pregnancy losses. 2020 , 35, 1276-1287	9
654	Association of methylenetetrahydrofolate reductase (MTHFR) variant C677T and risk of carotid atherosclerosis: a cross-sectional analysis of 730 Chinese Han adults in Chongqing. 2020 , 20, 222	4
653	A molecular-beacon-based asymmetric PCR assay for detecting polymorphisms related to folate metabolism. 2020 , 34, e23337	2
652	Analysis of putative cis-regulatory elements regulating blood pressure variation. 2020 , 29, 1922-1932	0
651	Genetic variants in the MTHFR are not associated with fatty liver disease. 2020 , 40, 1934-1940	1

650	Moderate Folic Acid Supplementation in Pregnant Mice Results in Behavioral Alterations in Offspring with Sex-Specific Changes in Methyl Metabolism. 2020 , 12,	5
649	Using pharmacogenetics to predict methotrexate response in rheumatoid arthritis patients. 2020 , 16, 617-626	9
648	Hyperhomocysteinemia in patients with acute porphyrias: A potentially dangerous metabolic crossroad?. 2020 , 79, 101-107	12
647	Red blood cell folate and cardiovascular deaths among hypertensive adults, an 18-year follow-up of a national cohort. 2020 , 43, 938-947	2
646	Circle of Willis abnormalities and their clinical importance in ageing brains: A cadaveric anatomical and pathological study. 2020 , 106, 101772	4
645	Effects of methionine synthase and methionine synthase reductase polymorphisms on hypertension susceptibility. 2020 , 42, 477-483	0
644	Homocysteine, the methylenetetrahydrofolate reductase 677C>T polymorphism and hypertension: effect modifiers by lifestyle factors and population subgroups. 2020 , 1-11	2
643	MTHFR, XRCC1 and OGG1 genetic polymorphisms in breast cancer: a case-control study in a population from North Sardinia. 2020 , 20, 234	6
642	Case 3: A Newborn with a Mass on the Right Ventricle. 2020 , 21, e199-e202	
641	Folic acid supplementation in children with sickle cell disease: study protocol for a double-blind randomized cross-over trial. 2020 , 21, 593	3
640	No Association between Ischemic Stroke and Portal Vein Thrombosis in Liver Cirrhosis. 2020 , 2020, 8172673	1
639	Personalized Nutrition for Management of Micronutrient Deficiency-Literature Review in Non-bariatric Populations and Possible Utility in Bariatric Cohort. 2020 , 30, 3570-3582	1
638	Effects of MTHFR genetic polymorphism on inflammatory protein osteopontin in RA patients: A gender based study in North Indian population. 2020 , 20, 100737	
637	A hidden cause of infertility in hypothyroid patients. 2020 , 8, 374-378	2
636	Methylenetetrahydrofolate reductase C677T polymorphism is not associated with the risk of nonsyndromic cleft lip/palate: An updated meta-analysis. 2020 , 10, 1531	5
635	Mutational landscape screening of methylene tetrahydrofolate reductase to predict homocystinuria associated variants: An integrative computational approach. 2020 , 819-820, 111687	10
634	Association of methylenetetrahydrofolate reductase C677T and reduced-f carrier-1 G80A gene polymorphism with preeclampsia in Sudanese women. 2020 , 39, 77-81	5
633	Food Intervention with Folate Reduces TNF- α and Interleukin Levels in Overweight and Obese Women with the C677T Polymorphism: A Randomized Trial. 2020 , 12,	7

632	Riboflavin supplementation alters global and gene-specific DNA methylation in adults with the MTHFR 677 TT genotype. 2020 , 173, 17-26	6
631	Association between methylenetetrahydrofolate reductase gene rs1801131 A/C polymorphism and urinary tumors' susceptibility. 2020 , 157, 16	1
630	Prevalence of Hyperhomocysteinaemia and Associated Factors among Ethiopian Adult Population in a 2015 National Survey. 2020 , 2020, 9210261	3
629	Relationship of Cholelithiasis and Urolithiasis with Methylenetetrahydrofolate Reductase Polymorphisms. 2021 , 34, 1104-1107	2
628	The Different Relationship between Homocysteine and Uric Acid Levels with Respect to the MTHFR C677T Polymorphism According to Gender in Patients with Cognitive Impairment. 2020 , 12,	3
627	Folate pathways mediating the effects of ethanol in tumorigenesis. 2020 , 324, 109091	5
626	Serum homocysteine and risk of dementia in Japan. 2020 , 91, 540-546	6
625	Harnessing personalized nutrigenomics for cancer prevention and treatment through diet-gene interaction. 2020 , 387-403	0
624	Critical review of nutrition, blood pressure and risk of hypertension through the lifecycle: do B vitamins play a role?. 2020 , 173, 76-90	10
623	Impact of the MTHFR C677T polymorphism on one-carbon metabolites: Evidence from a randomised trial of riboflavin supplementation. 2020 , 173, 91-99	11
622	Genetic and environmental factors associated with homocysteine concentrations in a population of healthy young adults. Analysis of the MAGNETIC study. 2020 , 30, 939-947	3
621	3'UTR polymorphism of Thymidylate Synthase gene increased the risk of persistence of pre-neoplastic cervical lesions. 2020 , 20, 323	4
620	Intranasal perillyl alcohol therapy improves survival of patients with recurrent glioblastoma harboring mutant variant for MTHFR rs1801133 polymorphism. 2020 , 20, 294	8
619	Identificaci3n de factores de riesgo gen3ticos asociados a la enfermedad vascular cerebral de tipo isqu3mico en j3venes mexicanos. 2021 , 36, 337-345	2
618	Gene Polymorphism is Contributing Factor in Development of Renal Impairment in Young Hypertensive Patients. 2021 , 36, 213-220	0
617	Association between polymorphisms and risk of ischemic stroke. 2021 , 131, 44-48	2
616	Depression and one carbon metabolic pathway: A study among a mendelian population from North India. 2021 , 40, 1280-1286	1
615	Influence of MTHFR C677T Polymorphism on High-Dose Methotrexate-Related Toxicity in Patients With Primary Central Nervous System Diffuse Large B-Cell Lymphoma. 2021 , 21, 91-96	4

614	The Anthropocene: Exploring its origins, biology, and future. 2021 , 33, e23476	1
613	Clinical molecular genetics evaluation in women with reproductive failures. 2021 , 85, e13313	2
612	Association Between Nonsyndromic Cleft Lip and Palate and 2 Polymorphic Loci: A Meta-Analysis. 2021 , 58, 763-772	1
611	The sex-specific effect of the apolipoprotein E allele and methylenetetrahydrofolate reductase gene polymorphism on the biochemical, anatomical, and cognitive profiles of patients clinically diagnosed with probable Alzheimer's disease. 2021 , 36, 588-597	0
610	Epigenetic factors in atherosclerosis: DNA methylation, folic acid metabolism, and intestinal microbiota. 2021 , 512, 7-11	6
609	Role of Inherited Thrombophilia Risk Factors in Patients with CKD-5 Receiving Haemodialysis. 2021 , 144, 190-201	0
608	Hyperhomocysteinemia is an emerging comorbidity in ischemic stroke. 2021 , 336, 113541	0
607	Maternal biomarkers for early prediction of the neural tube defects pregnancies. 2021 , 113, 589-600	3
606	Association between MTHFR polymorphisms (MTHFR C677T, MTHFR A1298C) and recurrent implantation failure: a systematic review and meta-analysis. 2021 , 303, 1089-1098	6
605	Molecular causes of sex-specific deficits in rodent models of neurodevelopmental disorders. 2021 , 99, 37-56	7
604	Neural Tube Defects and Folate Status in India. 2021 , 235-249	0
603	Folate (MTHFR C677T and MTRR A66G) gene polymorphisms and risk of prostate cancer: a case-control study with an updated meta-analysis.	0
602	Involvements of Hyperhomocysteinemia in Neurological Disorders. 2021 , 11,	11
601	Correlation between total homocysteine and cerebral small vessel disease: A Mendelian randomization study. 2021 , 28, 1931-1938	13
600	Methylenetetrahydrofolate reductase () gene C677T (rs1801133) polymorphism and risk of alcohol dependence: a meta-analysis. 2021 , 8, 212-225	1
599	Role of MTHFR Gene Polymorphisms in Male Infertility. 2021 , 12, 7-12	0
598	Amino Acid Metabolism. 2021 , 49-104	
597	Association Study of C677T Polymorphism and Birth Body Mass With Risk of Autism in Chinese Han Population. <i>Frontiers in Psychiatry</i> , 2021 , 12, 560948	5

596	Long acting aripiprazole influences cognitive functions in recent onset schizophrenia. 2021 , 238, 1563-1573	2
595	One-carbon pathway and cognitive skills in children with Down syndrome. 2021 , 11, 4225	4
594	Strong Correlation of MTHFR Gene Polymorphisms with Breast Cancer and its Prognostic Clinical Factors among Egyptian Females. 2021 , 22, 617-626	1
593	Differences in MTHFR and LRRK2 variant's association with sporadic Parkinson's disease in Mexican Mestizos correlated to Native American ancestry. 2021 , 7, 13	0
592	Methylenetetrahydrofolate reductase polymorphisms as risk factors for retinal venous occlusive disease: A literature review. 2021 , 31, 884-891	1
591	The Role of the Transsulfuration Pathway in Non-Alcoholic Fatty Liver Disease. 2021 , 10,	3
590	Riboflavin in Neurological Diseases: A Narrative Review. 2021 , 41, 513-527	8
589	Genome wide association study identifies four loci for early onset schizophrenia. 2021 , 11, 248	3
588	Neuroplacentology in congenital heart disease: placental connections to neurodevelopmental outcomes. 2021 ,	4
587	C677T and A1298C Polymorphisms in Breast Cancer, Gliomas and Gastric Cancer: A Review. 2021 , 12,	7
586	Effects of Periconceptional Multivitamin Supplementation on Folate and Homocysteine Levels Depending on Genetic Variants of Methyltetrahydrofolate Reductase in Infertile Japanese Women. 2021 , 13,	3
585	Genetic effect of C677T, A1298C, and A1793G polymorphisms on the age at onset, plasma homocysteine, and white matter lesions in Alzheimer's disease in the Chinese population. 2021 , 13, 11352-11362	5
584	Case Report: Two Novel Frameshift Mutations in and One Novel Splice Donor Mutation in Associated With Primary Familial Brain Calcification. 2021 , 12, 643452	0
583	The Effects of Polymorphisms in One-carbon Metabolism Genes on Manifestation of Ichthyosis Vulgaris. 2021 , 9, 291-297	
582	MTHFR 677T-1298C haplotype in acute lymphoblastic leukemia: Impact on methotrexate therapy. 2021 , 10781552211017193	0
581	Negative symptoms in schizophrenia: correlation with clinical and genetic factors. 2021 , 22, 389-399	0
580	Effect of polymorphisms of MTHFR in controlled ovarian stimulation: a systematic review and meta-analysis. 2021 , 38, 2237-2249	1
579	Maternal germline factors associated with aneuploid pregnancy loss: a systematic review. 2021 , 27, 866-884	1

578	Association of C677T Polymorphism With Antipsychotic-Induced Change of Weight and Metabolism Index. <i>Frontiers in Psychiatry</i> , 2021 , 12, 673715	5	0
577	Effect of methylenetetrahydrofolate reductase gene polymorphisms and oxidative stress in silent brain infarction. 2021 , 48, 3955-3962		
576	Genetic variants associated with methotrexate-induced mucositis in cancer treatment: A systematic review and meta-analysis. 2021 , 161, 103312		4
575	Comparison of DNA extraction methods for samples from old blood collections. 2021 , 70, 243-250		3
574	A narrative review on the role of folate-mediated one-carbon metabolism and its associated gene polymorphisms in posing risk to preeclampsia. 2021 , 43, 487-504		1
573	An Unusual Case of Concurrent Central Retinal Vein and Cilioretinal Artery Occlusion in a Healthy Patient. 2021 , 12, 407-411		1
572	Methylenetetrahydrofolate reductase gene polymorphisms are not associated with embryo chromosomal abnormalities and IVF outcomes. 2021 , 67, 270-280		0
571	Dysregulation of homocysteine homeostasis in acute intermittent porphyria patients receiving heme arginate or givosiran. 2021 , 44, 961-971		17
570	Huntingtin and the Synapse. 2021 , 15, 689332		9
569	A 40-Year-Old Man with Sarcoidosis and Factor V Leiden Thrombophilia Presenting with Deep Vein Thrombosis and Pulmonary Thromboembolism. 2021 , 22, e932286		
568	Maternal one carbon metabolism and interleukin-10 &-17 synergistically influence the mode of delivery in women with Early Onset Pre-Eclampsia. 2021 , 24, 79-89		0
567	Maternal Folic Acid Intake and Methylation Status of Genes Associated with Ventricular Septal Defects in Children: Case-Control Study. 2021 , 13,		2
566	Moderate Folic Acid Supplementation in Pregnant Mice Results in Altered Methyl Metabolism and in Sex-Specific Placental Transcription Changes. 2021 , 65, e2100197		1
565	Associations between prenatal exposure to cadmium and lead with neural tube defect risks are modified by single-nucleotide polymorphisms of fetal MTHFR and SOD2: a case-control study. 2021 , 20, 66		2
564	Association of MTHFR and TYMS gene polymorphisms with the susceptibility to HCC in Egyptian HCV cirrhotic patients. 2021 , 1		0
563	PLA2 Polymorphism of Platelet Glycoprotein IIb/IIIa and C677T Polymorphism of Methylenetetrahydrofolate Reductase (), but Not Factor V Leiden and Prothrombin G20210A Polymorphisms, Are Associated with More Severe Forms of Legg-CalvéPerthes Disease. 2021 , 8,		1
562	PRDX1 gene-related epi-cblC disease is a common type of inborn error of cobalamin metabolism with mono- or bi-allelic MMACHC epimutations. 2021 , 13, 137		4
561	Shifting landscapes of human MTHFR missense-variant effects. 2021 , 108, 1283-1300		5

560	Insights into the role of epigenetic mechanisms in migraine: the future perspective of disease management. 2021 , 64, 373	0
559	MTHFR Knockdown Assists Cell Defense against Folate Depletion Induced Chromosome Segregation and Uracil Misincorporation in DNA. 2021 , 22,	1
558	Early-Onset Schizophrenia: A Special Phenotype of the Disease Characterized by Increased MTHFR Polymorphisms and Aggravating Symptoms. 2021 , 17, 2511-2525	0
557	Increased homocysteine mediated oxidative stress as key determinant of hepatitis E virus (HEV) infected pregnancy complication and outcome: A study from Northeast India. 2021 , 92, 104882	4
556	The methylenetetrahydrofolate reductase 1298 A>C polymorphism is associated with an increased risk of inflammatory bowel disease: evidence from a meta-analysis. 2021 , 17, 1221-1229	0
555	Association of MTHFR (rs 1801133) gene polymorphism with biochemical markers of B12 deficiency in type 2 diabetes mellitus patients on metformin therapy. 2021 , 29, 100938	1
554	Effects of methylenetetrahydrofolate reductase single-nucleotide polymorphisms on breast, cervical, ovarian, and endometrial cancer susceptibilities. 2021 , 7, 169-181	1
553	Relation Between Methylenetetrahydrofolate Reductase Polymorphisms (C677T and A1298C) and Migraine Susceptibility.. 2022 , 37, 3-17	1
552	The combination of methylenetetrahydrofolate reductase C677T polymorphism screening and gastrointestinal tumor markers detection may be an early screening method for gastrointestinal cancer related to helicobacter pylori infection. 2021 , 8, 931-938	2
551	Hematologic Disorders and Stroke. 2022 , 592-603.e6	
550	Genetic Risk Factors in the Development of Hyperhomocysteinemia. 2021 , 99-113	
549	Association of three missense mutations in the homocysteine-related MTHFR and MTRR gene with risk of polycystic ovary syndrome in Southern Chinese women. 2021 , 19, 5	3
548	The association of maternal folic acid supplementation and prenatal folate and vitamin B12 concentrations with child dental development. 2021 , 49, 445-453	2
547	Impact of high-dose folic acid supplementation in pregnancy on biomarkers of folate status and 1-carbon metabolism: An ancillary study of the Folic Acid Clinical Trial (FACT). 2021 , 113, 1361-1371	5
546	MTHFR (C677T, A1298C), FV Leiden polymorphisms, and the prothrombin G20210A mutation in arterial ischemic stroke among young tunisian adults. 2021 , 36, 421-428	4
545	Single Nucleotide Polymorphisms in Human Disease and Evolution: Phylogenies and Genealogies.	1
544	Comt inhibition in the treatment of Parkinson's disease: neuroprotection and future perspectives. 2004 , 541, 75-90	10
543	Antiphospholipid Syndrome: Differential Diagnosis. 2000 , 449-456	1

542	A Meta-Analysis of Plasma Homocysteine as a Risk Factor for Arteriosclerotic Vascular Disease and the Potential Preventive Role of Folic Acid. 1997 , 245-249	2
541	Genetics of Mammalian 5,10-Methylenetetrahydrofolate Reductase. 1997 , 37-42	2
540	Thermolabile Methylenetetrahydrofolate Reductase. 1997 , 43-49	2
539	Homocysteine, Folic Acid, and Cardiovascular Disease Risk. 1997 , 193-224	18
538	Gene polymorphisms in female reproduction. 2014 , 1154, 75-90	3
537	Pharmacogenetics of addiction therapy. 2014 , 1175, 589-624	5
536	Pharmacogenetics in rheumatoid arthritis. 2014 , 1175, 625-60	3
535	Single Nucleotide Polymorphisms and Cancer Susceptibility. 2017 , 231-239	4
534	Pathological Roles of Oxidative Stress (OS) in Diseases Related to Female Reproductive System. 2017 , 107-127	1
533	Die Patientin mit thrombophiler Blutgerinnungsstörung. 2014 , 157-172	1
532	High-Speed Methylenetetrahydrofolate Reductase C -> T 677 Mutation Detection on the LightCycler. 2001 , 83-89	3
531	Disorders of Cobalamin and Folate Transport and Metabolism. 2000 , 284-298	2
530	Homocysteine as a Risk Factor for Cerebrovascular Disease and Stroke. 2000 , 151-172	3
529	Molecular Biology of Methylenetetrahydrofolate Reductase (MTHFR): Interrelationships with Folic Acid, Homocysteine and Vascular Disease. 2000 , 271-289	2
528	Total serum homocysteine levels do not identify cognitive dysfunction in multimorbid elderly patients. 2008 , 12, 411-6	5
527	The Epidemiology and Genetics of Vascular Dementia: Current Knowledge and Next Steps. 2016 , 179-207	1
526	Comparison of homocysteinemia and MTHFR 677CT polymorphism with Framingham Coronary Heart Risk Score. 2014 , 84, 71-8	5
525	Increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos.	1

524	Association of single nucleotide polymorphisms of MTHFR, TCN2, RNF213 with susceptibility to hypertension and blood pressure. 2019 , 39,	12
523	Association between methylenetetrahydrofolate reductase tagging polymorphisms and susceptibility of hepatocellular carcinoma: a case-control study. 2019 , 39,	7
522	Methylenetetrahydrofolate reductase C677T (Ala>Val, rs1801133 C>T) polymorphism decreases the susceptibility of hepatocellular carcinoma: a meta-analysis involving 12,628 subjects. 2020 , 40,	6
521	Abdominal venous thrombosis in neonates and infants: role of prothrombotic risk factors - a multicentre case-control study. For the Childhood Thrombophilia Study Group. 2000 , 111, 534-9	105
520	Milder clinical presentation of haemophilia A with severe deficiency of factor VIII as measured by one-stage assay. 2001 , 7, 9-12	43
519	[Molecular genetics of MTHFR: polymorphisms are not all benign]. 2007 , 23, 297-302	12
518	Risk factors for venous thrombosis in Swedish children and adolescents. 2005 , 94, 717-722	13
517	Methylenetetrahydrofolate reductase deficiency alters cellular response after ischemic stroke in male mice. 2020 , 1-9	3
516	Cancer of the Lung. 2006 , 638-658	29
515	Cancers of the Colon and Rectum. 2006 , 809-829	48
514	The Leukemias. 2006 , 841-871	36
513	Serum homocysteine and coronary heart disease. 2005 , 239-250	1
512	Folate absorption in women with a history of neural tube defect-affected pregnancy. 2000 , 72, 154-8	23
511	Molecular beacons: a new approach for semiautomated mutation analysis. 1998 , 44, 482-486	89
510	Genotype-guided dietary supplementation in precision nutrition. 2021 , 79, 1225-1235	2
509	Hyperhomocysteinemia and premature vascular occlusive disease. 1998 , 315, 279-85	4
508	Relationship between homocysteine and thrombotic disease. 1998 , 316, 129-41	51
507	The prevention of neural tube defects. 1998 , 10, 85-9	8

506	Homocysteine and critical illness. 2000 , 28, 1229-30	2
505	. 1999 , 19, 84-87	15
504	Cardiac allograft vascular disease after orthotopic heart transplantation: methylenetetrahydrofolate reductase gene polymorphism C677T does not account for rapidly progressive forms. 2000 , 69, 442-5	13
503	Folate and coronary heart disease. 1998 , 9, 17-22	34
502	Recent data are not in conflict with homocysteine as a cardiovascular risk factor. 1998 , 9, 533-9	53
501	Thrombophilia. 1999 , 6, 291-7	17
500	European guidelines on cardiovascular disease prevention in clinical practice Third Joint Task Force of European and other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of eight societies and by invited experts). 2003 , 10, S1-S78	145
499	Inherited Risk Factors for Thrombophilia Among Children with Legg-Calvé-Perthes Disease. 1999 , 19, 84-87	41
498	Genetic and environmental determinants of plasma total homocysteine levels: impact of population-wide folate fortification. 2011 , 21, 426-31	22
497	Involvement of MTHFR rs1801133 in the Susceptibility of Acute Lymphoblastic Leukemia: A Preliminary Study. 2021 , 43, e816-e818	1
496	A comprehensive map of genetic variation in the world's largest ethnic group - Han Chinese.	1
495	Purification and properties of NADH-dependent 5, 10-methylenetetrahydrofolate reductase (MetF) from <i>Escherichia coli</i> . 1999 , 181, 718-25	52
494	Methylenetetrahydrofolate reductase polymorphisms are not a risk factor for pre-eclampsia/eclampsia in Australian women. 2000 , 50, 100-2	31
493	Methylene tetrahydrofolate reductase gene mutation in sickle cell anaemia patients in Lagos, Nigeria. 2019 , 34, 213	2
492	Higher plasma homocyst(e)ine and increased susceptibility to adverse effects of low folate in early familial coronary artery disease. 1995 , 15, 1314-20	52
491	Low whole-blood S-adenosylmethionine and correlation between 5-methyltetrahydrofolate and homocysteine in coronary artery disease. 1996 , 16, 727-33	71
490	Distribution in healthy and coronary populations of the methylenetetrahydrofolate reductase (MTHFR) C677T mutation. 1996 , 16, 878-82	98
489	Correlation of a common mutation in the methylenetetrahydrofolate reductase gene with plasma homocysteine in patients with premature coronary artery disease. 1997 , 17, 569-73	150

488	The effects of folic acid supplementation on plasma total homocysteine are modulated by multivitamin use and methylenetetrahydrofolate reductase genotypes. 1997 , 17, 1157-62	191
487	Hyperhomocysteinemia and low pyridoxal phosphate. Common and independent reversible risk factors for coronary artery disease. 1995 , 92, 2825-30	244
486	Relation between folate status, a common mutation in methylenetetrahydrofolate reductase, and plasma homocysteine concentrations. 1996 , 93, 7-9	941
485	Methylenetetrahydrofolate reductase polymorphism, plasma folate, homocysteine, and risk of myocardial infarction in US physicians. 1996 , 94, 2410-6	304
484	Common mutation in methylenetetrahydrofolate reductase. Correlation with homocysteine metabolism and late-onset vascular disease. 1996 , 94, 3074-8	123
483	Genetic polymorphism of methylenetetrahydrofolate reductase and myocardial infarction. A case-control study. 1996 , 94, 1812-4	81
482	Homocysteine and risk of premature coronary heart disease. Evidence for a common gene mutation. 1996 , 94, 2154-8	144
481	Methylenetetrahydrofolate reductase gene and coronary artery disease. 1997 , 95, 21-3	113
480	Genetic polymorphism of 5,10-methylenetetrahydrofolate reductase (MTHFR) as a risk factor for coronary artery disease. 1997 , 95, 2032-6	205
479	Association between plasma total homocysteine and parental history of cardiovascular disease in children with familial hypercholesterolemia. 1997 , 96, 1803-8	43
478	Thermolabile methylenetetrahydrofolate reductase in coronary artery disease. 1997 , 96, 2573-7	135
477	Defective cystathionine beta-synthase regulation by S-adenosylmethionine in a partially pyridoxine responsive homocystinuria patient. 1996 , 98, 285-9	69
476	Determinants and vitamin responsiveness of intermediate hyperhomocysteinemia (> or = 40 micromol/liter). The Hordaland Homocysteine Study. 1996 , 98, 2174-83	176
475	Advances in Nutritional Epigenetics-A Fresh Perspective for an Old Idea. Lessons Learned, Limitations, and Future Directions. 2020 , 13, 2516865720981924	5
474	Homocysteine and Thrombotic Disease. 1997 , 90, 1-11	7
473	Prothrombin G20210A Mutant Genotype Is a Risk Factor for Cerebrovascular Ischemic Disease in Young Patients. 1998 , 91, 3562-3565	5
472	Methylenetetrahydrofolate Reductase C677T Mutation, Plasma Homocysteine, and Folate in Subjects From Northern Italy With or Without Angiographically Documented Severe Coronary Atherosclerotic Disease: Evidence for an Important Genetic-Environmental Interaction. 1998 , 91, 4158-4163	4
471	Prospective Evaluation of the Thrombotic Risk in Children With Acute Lymphoblastic Leukemia Carrying the MTHFR TT 677 Genotype, the Prothrombin G20210A Variant, and Further Prothrombotic Risk Factors. 1999 , 93, 1595-1599	6

470	Synergistic Effects of Prothrombotic Polymorphisms and Atherogenic Factors on the Risk of Myocardial Infarction in Young Males. 1999 , 93, 2186-2190	14
469	Is natural (6S)-5-methyltetrahydrofolic acid as effective as synthetic folic acid in increasing serum and red blood cell folate concentrations during pregnancy? A proof-of-concept pilot study. 2020 , 21, 380	2
468	Interaction between Folate and Methylenetetrahydrofolate Reductase Gene in Cancer. 2006 , 57-74	3
467	Folate and Choline Interrelationships. 2009 , 449-465	4
466	Folate Bioavailability. 2009 , 25-47	8
465	Genetic Variation. 2009 , 75-110	3
464	Folate-Related Birth Defects. 2009 , 155-178	3
463	Folate and Cancer. 2009 , 205-233	4
462	Riboflavin. 2010 , 691-699	9
461	Relation of total homocysteine and lipid levels in children to premature cardiovascular death in male relatives. 1996 , 40, 47-52	74
460	Correlation Between Methylenetetrahydrofolate Reductase (MTHFR) C677T Polymorphisms and Pemetrexed Chemotherapy Efficacy/Toxicity in Non-Squamous Non-Small Cell Lung Cancer. 2017 , 23, 5683-5689	3
459	Association of MTHFR C677T and A1298C gene polymorphisms with hypertension. 2012 , 6, 3-11	17
458	Homocysteine and coronary heart disease: meta-analysis of MTHFR case-control studies, avoiding publication bias. 2012 , 9, e1001177	135
457	Comparison of endothelial progenitor cells in Parkinson's disease patients treated with levodopa and levodopa/COMT inhibitor. 2011 , 6, e21536	4
456	Strong association of 677 C>T substitution in the MTHFR gene with male infertility--a study on an indian population and a meta-analysis. 2011 , 6, e22277	43
455	Properties and crystal structure of methylenetetrahydrofolate reductase from <i>Thermus thermophilus</i> HB8. 2011 , 6, e23716	17
454	Association of the MTHFR A1298C variant with unexplained severe male infertility. 2012 , 7, e34111	25
453	Methylenetetrahydrofolate reductase C677T polymorphism and susceptibility to cervical cancer and cervical intraepithelial neoplasia: a meta-analysis. 2012 , 7, e46272	4

452	The 677C>T (rs1801133) polymorphism in the MTHFR gene contributes to colorectal cancer risk: a meta-analysis based on 71 research studies. 2013 , 8, e55332	28
451	The association between MTHFR gene polymorphisms and hepatocellular carcinoma risk: a meta-analysis. 2013 , 8, e56070	30
450	Association of thymidylate synthase polymorphisms with acute pancreatitis and/or peripheral neuropathy in HIV-infected patients on stavudine-based therapy. 2013 , 8, e57347	10
449	Geographical distribution of MTHFR C677T, A1298C and MTRR A66G gene polymorphisms in China: findings from 15357 adults of Han nationality. 2013 , 8, e57917	76
448	Methylenetetrahydrofolate reductase gene polymorphism and risk of type 2 diabetes mellitus. 2013 , 8, e74521	18
447	Dissociable genetic contributions to error processing: a multimodal neuroimaging study. 2014 , 9, e101784	20
446	MTHFR C677T predisposes to POAG but not to PACG in a North Indian population: a case control study. 2014 , 9, e103063	16
445	Association of CVD candidate gene polymorphisms with ischemic stroke and cerebral hemorrhage in Chinese individuals. 2014 , 9, e105516	13
444	A lower degree of PBMC L1 methylation in women with lower folate status may explain the MTHFR C677T polymorphism associated higher risk of CIN in the US post folic acid fortification era. 2014 , 9, e110093	8
443	Altered LINE-1 Methylation in Mothers of Children with Down Syndrome. 2015 , 10, e0127423	17
442	Associations between Methylenetetrahydrofolate Reductase (MTHFR) Polymorphisms and Non-Alcoholic Fatty Liver Disease (NAFLD) Risk: A Meta-Analysis. 2016 , 11, e0154337	14
441	Impact of Genetic Polymorphism of methylenetetrahydrofolate reductase C677T on Development of Hyperhomocysteinemia and Related Oxidative Changes in Egyptian β -Thalassemia Major Patients. 2016 , 11, e0155070	7
440	Influence of MTHFR gene variations on perceived stress modification: Preliminary results of NURSE study. 2017 , 31, 128	4
439	5,10-Methylenetetrahydrofolate reductase 677C>T polymorphism and microsatellite instability in sporadic colorectal cancer. 2013 , 9, 80-86	0
438	The TT genotype of the MTHFR 677C > T polymorphism increases susceptibility to premature coronary artery disease in interaction with some of the traditional risk factors. 2012 , 55, 172-9	4
437	Incidence Assessment of MTHFR C677T and A1298C Polymorphisms in Iranian Non-syndromic Cleft Lip and/or Palate Patients. 2015 , 9, 101-4	7
436	Relationship between plasma homocysteine levels and saphenous vein graft disease after coronary artery bypass grafts. 2001 , 42, 553-62	13
435	Maternal MTHFR polymorphisms and risk of spontaneous abortion. 2009 , 51, 19-25	21

434	Frequency of 677C -> T and 1298A -> C polymorphisms in the 5,10-methylenetetrahydrofolate reductase (MTHFR) gene in Turner syndrome individuals. 2006 , 29, 41-44	3
433	Methylenetetrahydrofolate reductase gene polymorphism is not related to the risk of ischemic cerebrovascular disease in a Brazilian population. 2007 , 62, 295-300	5
432	Evaluation of Potential Modifiers of the Palatal Phenotype in the 22q11.2 Deletion Syndrome. 2006 , 43, 435	8
431	Effect of MTHFR 1298A-->C and MTHFR 677C-->T genotypes on total homocysteine, folate, and vitamin B(12) plasma concentrations in kidney graft recipients. 2000 , 11, 1918-1925	51
430	The C677T methylenetetrahydrofolate reductase gene mutation in hemodialysis patients. 2000 , 11, 885-893	33
429	Effect of high dose folic acid therapy on hyperhomocysteinemia in hemodialysis patients: results of the Vienna multicenter study. 2000 , 11, 1106-1116	90
428	Genetic predictors of preeclampsia (a review). 2017 , 23, 110	2
427	Methylenetetrahydrofolate Reductase gene polymorphism in patients receiving hemodialysis. 2010 , 10 Suppl 1, S91-5	3
426	Impact of Maternal Folate Deficiencies on Early Neurological Development: A Narrative Review. 2016 , 4,	1
425	Methylenetetrahydrofolate reductase C677T polymorphism and the risks of polycystic ovary syndrome: an updated meta-analysis of 14 studies. 2017 , 8, 59509-59517	6
424	Investigation of tagging polymorphisms with colorectal cancer in Chinese Han population. 2017 , 8, 63518-63527	
423	Polymorphism in one-carbon metabolism pathway affects survival of gastric cancer patients: Large and comprehensive study. 2015 , 6, 9564-76	15
422	Improving risk stratification of patients with childhood acute lymphoblastic leukemia: Glutathione-S-Transferases polymorphisms are associated with increased risk of relapse. 2017 , 8, 110-117	11
421	Can the genetic polymorphisms of the folate metabolism have an influence in the polycystic ovary syndrome?. <i>Archives of Endocrinology and Metabolism</i> , 2019 , 63, 501-508	2.2 3
420	Thrombophilia and Pregnancy. 2017 , 10, 409-422	5
419	Genotyping of the MTHFR Gene Polymorphism, C677T in Patients with Leukemia by Melting Curve Analysis. 2003 , 7, 181	7
418	Migraine: Genetic Variants and Clinical Phenotypes. 2019 , 26, 6207-6221	5
417	Progress of Individualized Chemotherapy for Gastric Carcinoma Under the Guidance of Genetic Testing. 2020 , 27, 2322-2334	3

416	Clinical Implications of Methotrexate Pharmacogenetics in Childhood Acute Lymphoblastic Leukaemia. 2019 , 20, 313-330	11
415	Homocysteine Level and Mechanisms of Injury in Parkinson's Disease as Related to MTHFR, MTR, and MTHFD1 Genes Polymorphisms and L-Dopa Treatment. 2013 , 14, 534-42	30
414	Negative Correlation Between Serum Levels of Homocysteine and Apolipoprotein M. 2019 , 19, 120-126	2
413	Genetic Editing and Pharmacogenetics in Current And Future Therapy Of Neurocognitive Disorders. 2020 , 17, 238-258	2
412	Genetic Variations and Subclinical Markers of Carotid Atherosclerosis in Patients with Type 2 Diabetes Mellitus. 2019 , 17, 16-24	5
411	Migraine and genetic polymorphisms: an overview. 2012 , 6, 65-70	12
410	Assessing Spatial Working Memory Using the Spontaneous Alternation Y-maze Test in Aged Male Mice. 2019 , 9, e3162	14
409	Association between (rs4646994), (rs1799883), (rs1801133), (rs9939609) Genes Polymorphism and Type 2 Diabetes with Dyslipidemia. 2017 , 6, 121-130	11
408	FV Leiden, FII G20210A and MTHFR C677T mutations in patients with lower or upper limb deep vein thrombosis. 2011 , 43, 371-380	4
407	Homocysteine: Chemistry, metabolism and roles in pathophysiology processes. 2003 , 22, 127-140	3
406	[Hyperhomocysteinemia--a risk factor for development of occlusive vascular diseases]. 2002 , 55, 385-91	3
405	[Factor V Leiden, FII G20210A, MTHFR C677T mutations as risk factors for venous thrombosis during pregnancy and puerperium]. 2005 , 62, 201-5	13
404	Critical review on the use and abuse of alcohol. When the dose makes the difference. 2020 , 111, 344-353	3
403	H1299R in coagulation Factor V and Glu429Ala in MTHFR genes in recurrent pregnancy loss in Sari, Mazandaran. 2016 , 14, 329-334	3
402	Association of Methylenetetrahydrofolate Reductase C677T, A1298C, and G1793A Polymorphism and the Risk of Colon Cancer. 2008 , 24, 239	1
401	[Folate gene polymorphism and the risk of Down syndrome pregnancies in young Chinese women]. 2010 , 32, 461-6	11
400	Risk factors of thrombosis in abdominal veins. 2008 , 14, 4518-22	14
399	Interaction of methylenetetrahydrofolate reductase C677T, cytochrome P4502E1 polymorphism and environment factors in esophageal cancer in Kazakh population. 2008 , 14, 6986-92	23

398	Effect of B vitamin supplementation on plasma homocysteine levels in celiac disease. 2009 , 15, 955-60	19
397	Hyperhomocysteinemia and hypercoagulability in primary biliary cirrhosis. 2006 , 12, 1607-12	23
396	Pharmacogenetics in inflammatory bowel disease. 2006 , 12, 3657-67	37
395	Total plasma homocysteine and methylenetetrahydrofolate reductase C677T polymorphism in patients with colorectal carcinoma. 2006 , 12, 6128-32	12
394	Pharmacogenetics research on chemotherapy resistance in colorectal cancer over the last 20 years. 2014 , 20, 9775-827	88
393	Methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and gastric cancer susceptibility. 2014 , 20, 11429-38	19
392	Polymorphisms of MTHFR and susceptibility to oesophageal adenocarcinoma in a Caucasian United Kingdom population. 2014 , 20, 12212-6	8
391	Genetic Variants in the Methylenetetrahydrofolate Reductase Gene in Egyptian Children with Conotruncal Heart Defects and their Mothers. 2012 , 5, 78-84	3
390	Genetic Polymorphism of 5, 10-Methylenetetrahydrofolate Reductase C677T in Kashmiri Population. 2008 , 7, 822-825	5
389	Homocysteine Excess and Vascular Endothelium Dysfunction: Delineating the Pathobiological Mechanisms. 2014 , 10, 200-212	4
388	A Preliminary Study on Otolith-total Length Relationship of the Common Hake (<i>Merluccius merluccius</i> L., 758) in Izmir Bay, Aegean Sea. 2006 , 9, 1720-1725	5
387	An MTHFR variant, plasma homocysteine levels and late-onset coronary artery disease in subjects from southern Iran. 2013 , 16, 788-95	4
386	Is the C677T polymorphism in methylenetetrahydrofolate reductase gene or plasma homocysteine a risk factor for diabetic peripheral neuropathy in Chinese individuals?. 2012 , 7, 2384-91	8
385	A magnetic nanoparticles-based method for DNA extraction from the saliva of stroke patients. 2013 , 8, 3036-46	5
384	Association of folate metabolism genes MTHFR and MTRR with multiple complex congenital malformation risk in Chinese population of Shanxi. 2014 , 3, 259-67	2
383	Association between methylenetetrahydrofolate reductase (MTHFR) polymorphism and carotid intima medial thickness progression in post ischaemic stroke patient. 2015 , 3, 324	7
382	Role of behavioral training in reducing functional impairments after stroke. 2019 , 14, 1507-1508	1
381	Methylenetetrahydrofolate Reductase A1298C Polymorphism and Breast Cancer Risk: A Meta-analysis of 33 Studies. 2014 , 4, 841-51	21

380	Association study of methylenetetrahydrofolate reductase A1298C mutation with cerebral venous thrombosis risk in an Iranian population. 2015 , 5, 172-6	2
379	Lack of association between MTHFR C677T polymorphism and breast cancer risk in Ahvaz, west south-Iran. 2016 , 5, 26	6
378	Folic acid, one-carbon metabolism & childhood cancer. 2017 , 146, 163-174	7
377	Methylenetetrahydrofolate reductase A1298C genetic variant& risk of schizophrenia: A meta-analysis. 2017 , 145, 437-447	8
376	Methylenetetrahydrofolate Reductase Gene-specific Methylation and Recurrent Miscarriages: A Case- Control Study from North India. 2018 , 11, 142-147	10
375	Investigation of methylenetetrahydrofolate reductase C677T and factor V Leiden mutation as a genetic marker for retinal vein occlusion. 2018 , 8, 99-103	4
374	The Relationship between the Methylenetetrahydrofolate Reductase Genotypes and the Methylation Status of the CpG Island Loci, LINE-1 and Alu in Prostate Adenocarcinoma. 2009 , 43, 26	2
373	No Association Between Functional Polymorphisms in COMT and MTHFR and Schizophrenia Risk in Korean Population. 2010 , 32, e2010011	13
372	Are Methylenetetrahydrofolate Reductase (&i&t;MTHFR&i&t;) Gene Polymorphisms C677T and A1298C Associated with Higher Risk of Pediatric Migraine in Boys and Girls?. 2014 , 07, 464-472	5
371	Evaluation of Risk Related to MTHFR 677C&t;T Gene Polymorphism in Migraine Patients in Kashmiri Population. 2017 , 07, 151-161	2
370	HIV-Associated Polyneuropathy in Resource-Limited Settings: Genetic Predisposition and Vitamin Variations. 2017 , 07, 106-121	3
369	Impact of MTHFR (C677T) gene polymorphism on antiepileptic drug monotherapy in North Indian epileptic population. 2015 , 35, 51-7	6
368	Hyperhomocysteinemia and of Methylenetetrahydrofolate Reductase (C677T) Genetic Polymorphism in Patients with Deep Vein Thrombosis. 2013 , 25, 170-4	8
367	Methylene tetrahydrofolate reductase C677T mutation and left ventricular hypertrophy in Turkish patients with type II diabetes mellitus. 2004 , 37, 234-8	19
366	Molecular pathophysiology of thrombotic states and their impact to laboratory diagnostics. 2009 , 153, 19-25	8
365	Clinical Implications of Methylenetetrahydrofolate Reductase Mutations and Plasma Homocysteine Levels in Patients with Thromboembolic Occlusion. 2014 , 30, 113-9	8
364	Association of Methylenetetrahydrofolate Reductase C677T Polymorphism with Hyperhomocysteinemia and Deep Vein Thrombosis in the Iranian Population. 2015 , 31, 109-14	6
363	Methylenetetrahydrofolate Reductase C677T and A1298C Polymorphism in Iranian Women With Idiopathic Recurrent Pregnancy Losses. 2014 , 16, e16763	17

362	The role of genetics in coronary artery bypass surgery patients under 30 years of age. 2017 , 28, 77-80	2
361	Hyperhomocyst(e)inemia and Thrombophilia. 2002 , 126, 1367-75	55
360	Prevalence and role of methylenetetrahydrofolate reductase 677 C-->T and 1298 A-->C polymorphisms in coronary artery disease in Arabs. 2003 , 127, 1349-52	23
359	Hyperhomocysteinemia and thrombosis: an overview. 2007 , 131, 872-84	109
358	Spontaneous pregnancies in patients with at least one failed IVF cycle after the management of autoimmune disorders, hereditary thrombophilia, and methylation disorders. 2019 , 23, 361-366	5
357	Meta-analysis study to evaluate the association of MTHFR C677T polymorphism with risk of ischemic stroke. 2017 , 13, 214-219	8
356	The polymorphisms of genes involved in DNA methylation in patients with malignancies from West Ukraine. 2016 , 32, 279-288	1
355	A folate-rich diet is as effective as folic acid from supplements in decreasing plasma homocysteine concentrations. 2005 , 2, 58-63	15
354	Methylenetetrahydrofolate reductase gene polymorphisms as predictive and prognostic biomarkers in ovarian cancer risk. 2012 , 13, 569-73	16
353	Folate intake, methylenetetrahydrofolate reductase polymorphisms in association with the prognosis of esophageal squamous cell carcinoma. 2012 , 13, 647-51	11
352	MTHFR C677T polymorphism and colorectal cancer risk in Asians, a meta-analysis of 21 studies. 2012 , 13, 1203-8	27
351	Mutational analysis of the MTHFR gene in breast cancer patients of Pakistani population. 2012 , 13, 1599-603	22
350	Methylenetetrahydrofolate reductase gene C677T polymorphism and lung cancer: an updated meta-analysis. 2012 , 13, 2025-9	9
349	Methylenetetrahydrofolate reductase C677T polymorphism and cervical cancer risk: a meta-analysis. 2012 , 13, 2193-7	6
348	MTHFR polymorphisms and pancreatic cancer risk: lack of evidence from a meta-analysis. 2012 , 13, 2249-52	3
347	MTHFR C667T polymorphism association with lung cancer risk in Henan province: a case-control study. 2012 , 13, 2491-4	7
346	The MTHFR C677T polymorphism and prostate cancer risk: new findings from a meta-analysis of 7306 cases and 8062 controls. 2012 , 13, 2597-604	9
345	MTHFR C677T polymorphism and pancreatic cancer risk: a meta-analysis. 2012 , 13, 3763-6	12

344	MTHFR C677T polymorphism and ovarian cancer risk: a meta-analysis. 2012 , 13, 3937-42	7
343	Risk factors for rectal cancer and methylenetetrahydrofolate reductase polymorphisms in a population in Northeast Thailand. 2012 , 13, 4017-23	4
342	MTHFR gene polymorphisms are not involved in pancreatic cancer risk: a meta-analysis. 2012 , 13, 4627-30	11
341	The MTHFR C677T polymorphism and risk of acute lymphoblastic leukemia: an updated meta-analysis based on 37 case-control studies. 2013 , 14, 6357-62	20
340	Aberrant DNA methylation of P16, MGMT, hMLH1 and hMSH2 genes in combination with the MTHFR C677T genetic polymorphism in gastric cancer. 2013 , 14, 3139-42	21
339	The methylenetetrahydrofolate reductase C677T polymorphism influences risk of esophageal cancer in Chinese. 2013 , 14, 3163-8	5
338	The methylenetetrahydrofolate reductase C677T polymorphism and breast cancer risk in Asian populations. 2014 , 15, 5853-60	23
337	Methylenetetrahydrofolate reductase gene germ-line C677T and A1298C SNPs are associated with colorectal cancer risk in the Turkish population. 2014 , 15, 7731-5	9
336	5,10-Methylenetetrahydrofolate reductase polymorphisms and colon cancer risk: a meta-analysis. 2014 , 15, 8245-50	5
335	Folate pathway gene MTHFR C677T polymorphism and risk of lung cancer in Asian populations. 2014 , 15, 9259-64	21
334	Methylenetetrahydrofolate reductase polymorphisms and susceptibility to esophageal cancer in Chinese populations: a meta-analysis. 2014 , 15, 1345-9	7
333	Relationship between Genetic Polymorphisms in MTHFR (C677T, A1298C and their Haplotypes) and the Incidence Of Breast Cancer among Jordanian Females--Case-Control Study. 2015 , 16, 5007-11	17
332	Evaluation of the MTHFR C677T Polymorphism as a Risk Factor for Colorectal Cancer in Asian Populations. 2015 , 16, 8093-100	21
331	Allele and Genotype Frequencies of the Polymorphic Methylenetetrahydrofolate Reductase and Lung Cancer in ther Jordanian Population: a Case Control Study. 2015 , 16, 3101-9	8
330	Etiological risk factors for subfertility among Palestinian women in Gaza. 2013 , 27, 127-34	1
329	Single nucleotide polymorphism of rs1801133 associated with elevated Hcy levels affects susceptibility to cerebral small vessel disease. 2020 , 8, e8627	3
328	Methylenetetrahydrofolate Reductase Polymorphism and Premature Coronary Artery Disease. 2019 , 11, e5014	4
327	Association of MTHFR 677C>T polymorphism with breast cancer risk: A case-control study and meta-analysis. 2021 ,	1

- 326 Increasing prevalence of gestational diabetes mellitus when carrying the T variant allele of the MTHFR gene C677T polymorphism: a systematic review and meta-analysis. **2021**, 1
- 325 Hyperhomocysteinemia: Metabolic Role and Animal Studies with a Focus on Cognitive Performance and Decline-A Review. **2021**, 11, 2
- 324 Association of MTHFR C677T variant genotype with serum folate and Vit B12 in Iranian patients with colorectal cancer or adenomatous polyps. **2021**, 14, 246 0
- 323 Association of MTHFR 677C>T and 1298A>C genetic polymorphisms with colorectal cancer: Genotype and haplotype analysis in a Southeast Iranian population. **2021**, 25, 101399
- 322 Homocysteine and Venous Thrombosis. **2000**, 239-252
- 321 Homocysteine and Family History of Coronary Artery Disease. **2000**, 203-216
- 320 Candidate Gene Polymorphisms in Cardiovascular Pathophysiology. **2000**, 83-90
- 319 Clinical implications of the new understanding of thrombophilia. **2000**, 29-41
- 318 The molecular mechanisms of inherited thrombophilia. **2000**, 1-20
- 317 Gendefekte als Ursache für Thrombosen in der pädiatrischen Onkologie. **2000**, 325-328
- 316 Molekulare Marker bei Schlaganfallpatienten: Die G 20210 A-Prothrombin-Variante, die Faktor-V-Leiden-Mutation und der C 677 T-MTHFR-Polymorphismus. **2000**, 312-319
- 315 Common Mutation of 5, 10-Methylenetetrahydrofolate Reductase Accelerates Coronary Artery Disease in Familial Hypercholesterolemia. **2000**, 62-64
- 314 Hereditary and Acquired Causes of a Hypercoagulable State. **2000**, 717-738
- 313 Increased lipoprotein (a) levels as an independent risk factor for venous thromboembolism. **2000**, 96, 3364-3368 2
- 312 Dietary Supplements and their Role in the Prevention and Treatment of Coronary Heart Disease. **2001**, 157-174
- 311 Lipoproteins and Atherosclerosis. **2001**, 51-58
- 310 The Mediterranean Diet and Coronary Heart Disease. **2001**, 243-291
- 309 Prevalence of Common Mutations and Polymorphisms of the Genes of FII, FV, FVII, FXII, FXIII, MTHFR and ACE Identified As Risk Factors for Venous and Arterial Thrombosis In Germany and Different Ethnic Groups (Indians, Blacks) of Costa Rica. **2001**, 240-260 2

308 Homocysteine, Genetic Determinants and Cardiovascular Risk. **2001**, 59-69

307 Hereditary Thrombophilic Risk Profiles in Children with Spontaneous Venous Thromboembolism. **2001**, 102-109

306 Nutrition and Colon Cancer. **2001**, 357-372

3

305 Biochemical Studies of Human Methionine Synthase Reductase. **2002**, 537-542

304 Peripheral Venous Pathomorphology and Pathophysiology. **2002**, 1491-1497

303 C677T MTHFR Genotype is a Risk Factor for Thromboembolism: Comparison of T Allele Frequency and Homocysteine Level Between Female Thromboembolic and Non-Thromboembolic Vascular Patients, NTD Mothers and Matched NTD Controls. **2002**, 581-585

302 Vitamin B6 (PLP) and Neural Tube Defects: Is There an Association?. **2002**, 593-599

301 Methylenetetrahydrofolate Reductase.

300 Molekulare Grundlagen von Thrombose und Embolie in der Schwangerschaft. **2002**, 119-133

299 Genotyping by Guanosine-Dependent Quenching of Single-Labeled Fluorescein Probes. **2002**, 35-46

298 Dietary and Lifestyle Influences on Colorectal Carcinogenesis. **2002**, 47-64

297 Molecular Bases of Hyper-Homocysteinemia due to Inborn Errors of Folate and Cobalamin Metabolism. **2002**, 587-591

296 ?????????????????? : 4.????????????????????(65????????????????). **2002**, 10, 101-106

295 Utilizing genomic DNA purified from clotted blood samples for single nucleotide polymorphism genotyping. **2002**, 126, 266-70

8

294 Mikronährstoffe. **2003**, 88-123

293 Factor V Leiden and other thrombotic risk factors in CHD and myocardial Infarction. **2003**, 240-246

292 Folate, Homocysteine, and Heart Disease. **2003**,

291 Vitamin B-Complex, Methylenetetrahydrofolate Reductase Polymorphism and Bone. **2004**, 127-138

290 Herz, Gefäß, Lunge. **2004**, 81-196

289 Folate and Cancer Chemoprevention. **2004**, 559-582

1

288 Genetic Susceptibility and Early Stratification of Stroke Risk. **2004**, 279-301

287 Homocysteine and atherosclerosis in dialysis patients. **2004**, 809-827

286 The uremic syndrome and pathophysiology of chronic renal failure. **2004**, 57-72

285 Molecular Genetic Analysis in Mild Hyperhomocysteinemia: A Common Mutation in the Methylene tetrahydrofolate Reductase Gene Associated with Recurrent Cerebrovascular Strokes. **2004**, 4, 95-101

1

284 Genetic Polymorphisms and Risk Assessment for Cancer Chemoprevention. **2005**, 141-151

283 Folic Acid-Containing Multivitamins and Primary Prevention of Birth Defects. **2005**, 603-627

2

282 Impact of acquired and genetic factors on thrombophilic phenotype in FV Leiden mutation carriers. **2005**, 24, 141-146

281 Homocysteine, Folic Acid, and Cardiovascular Disease Risk. **2005**, 191-220

1

280 The Role of Complementary Vitamins, Folate, Vitamin B6, and Vitamin B12, in Cardiovascular Disease. **2005**, 77-109

279 Current Trends in Nutrigenomics. **2005**, 34, 1642-1654

3

278 Nutrient and Gene Interactions in Cancer. **2006**, 1-17

277 Genetic Markers in Cardiovascular Disease. **2006**, 587-608

276 Nutrient- and Drug- Responsive Polymorphic Genes as Nutrigenomic Tools for Prevention of Cardiovascular Disease and Cancer. **2006**, 237-259

275 Hematologic Disease and Heart Disease. **2007**, 2409-2421

274 The Relationships between Homocysteine, Folate, MTHFR and T66C Polymorphism for Osteoporotic Compression Fracture in Postmenopausal Women. **2007**, 42, 665

273 ??????????(????????). **2007**, 18, 160-165

1

272 Cardiovascular Disease. **2007**, 161-177

271 Riboflavin (Vitamin B2). **2007**,

270 Mechanisms for Cancer-Protective Effects of Bioactive Dietary Components in Fruits and Vegetables. **2007**, 1187-1218

2

269 DNA Polymorphisms Affecting Chemosensitivity Toward Drugs. **2008**, 365-387

268 Polymorphism of the 5,10-Methylenetetrahydrofolate Reductase (MTHFR) Gene and Microsatellite Instability (MSI) in Mucinous Colorectal Cancer. **2008**, 24, 329

1

267 Genetic Variability in Folate-Mediated One-Carbon Metabolism and Risk of Colorectal Neoplasia. **2009**, 223-242

0

266 Nutrition and Diet in the Era of Genomics. **2009**, 1204-1220

265 Drug-Nutrient Interactions Involving Folate. **2009**, 513-536

264 Cardiovascular Disease. **2009**, 159-175

263 Folic Acid/Folic Acid-Containing Multivitamins and Primary Prevention of Birth Defects and Preterm Birth. **2010**, 643-672

2

262 Folate-Vitamin B12 Interrelationships. **2009**, 381-408

1

261 Polymorphic Variation and Risk of Colorectal Cancer. **2010**, 147-171

0

260 Folate. **2010**, 387-410

259 Folate. **2010**, 288-297

258 Special Challenges: Genetic Polymorphisms and Therapy. **2011**, 315-330

257 Comparative Absorption Spectroscopy Involving 4f-4f Transitions to Explore the Interaction between the Pr(III) and Uracil in Presence and Absence of Zn(II). **2011**, 278-282

256 Direct-to-Consumer Genetic Testing. **2011**, 51-84

1

255 Cerebral infarction associated with middle cerebral artery stenosis in a patient with hyperhomocysteinemia: A case report. **2011**, 33, 123-128

254 NUTRIGENOMIC ANALYSIS OF C677T MUTATION OF MTHFR GENE IN SLOVAK POPULATION. **2011**, 5,

253 Inherited thrombophilia. **2011**, 207-214

252 Folic acid and pancreatic cancer: an advance. **2011**, 31, 906-910

251 Diet, Physical Activity, and Cancer Prevention. **2012**, 271-291

250 Associations among Plasma Homocysteine, Serum Folate and V.B12 Levels, and Frequency of Food Intake in Young Japanese Men. **2012**, 65, 145-153

1

249 Inborn Defects of the Coagulative System. **2012**, 73-84

248 Colorectal Cancer. **2012**, 245-272

247 Hyperhomocysteinemia as a risk factor for coronary heart diseases in chronic hepatitis C patients. **2013**, 03, 499-505

246 Mechanisms Accounting for the Cancer Protective Effects of Bioactive Dietary Components in Fruits and Vegetables. **2013**, 981-1010

245 Folsre. 101-128

244 Polymorphisms in Genes of Drug Targets and Metabolism. **2014**, 289-332

243 Absorption of Folic Acid from Potato Chips in Humans. **2014**, 11, 35-40

242 Internal jugular vein thrombosis due to heterozygote methylene tetrahydrofolate reductase (MTHFR) 1298C and Factor V G1691A mutations after a minor trauma. **2014**, 5, 180-3

241 Methylene tetrahydrofolate Reductase: Comparison of the Enzyme from Mammalian and Bacterial Sources. **1997**, 31-35

240 Folic Acid-Containing Multivitamins and Primary Prevention of Birth Defects. **1997**, 351-371

2

239 Heritability of Plasma Homocysteine Concentration. **1997**, 189-191

238 Inherited Disorders of Folate and Cobalamin. **1997**, 61-68

237 Plasma Homocyst(e)ine [H(e)] and Arterial Occlusive Diseases: Gene-Nutrient Interactions. **1998**, 93-104

236 Homozygous Cystathionine β -Synthase Deficiency, Combined With Factor V Leiden or Thermolabile Methylenetetrahydrofolate Reductase in the Risk of Venous Thrombosis. **1998**, 91, 2015-2018

235 Molekulargenetische Marker bei Patienten mit venösen und arteriellen Thrombosen: Der G20210A-Prothrombin-Polymorphismus, die C677T MTHFR-Mutation und die Faktor-V-Leiden (G1691A) Mutation. **1999**, 67-71

234 Zur Prävalenz des G20210A-Prothrombin-Polymorphismus, der C677T-Mutation des MTHFR-Gens und der Faktor-V-Leiden-Mutation in Nordostdeutschland, Argentinien, Venezuela, Costa Rica und Indien. **1999**, 55-60

233 Epidemiologie der funktionellen Inhibitormängel und weiterer hereditärer Risikofaktoren für venöse Thromboembolien. **1999**, 304-309

232 Lipoprotein (a) and Genetic Polymorphisms of Clotting Factor V, Prothrombin, and Methylenetetrahydrofolate Reductase Are Risk Factors of Spontaneous Ischemic Stroke in Childhood. **1999**, 94, 3678-3682 3

231 Association of the MTHFR C677T Polymorphism (rs1801133) With Risk of Rheumatoid Arthritis in the Khuzestan Province of Iran. **2015**, 2, 1

230 Genomic Medicine and Ethnic Differences in Cardiovascular Disease Risk. **2016**, 209-235

229 Neural Markers of Errors as Endophenotypes in Neuropsychiatric Disorders. **2016**, 157-191

228 Detection of Vascular Disease-Related Single Nucleotide Polymorphisms in Clinical Samples Using Ramified Rolling Circle Amplification. **2016**, 67-83

227 Information Theoretic Methods for Gene-Environment Interaction Analysis. **2016**, 53-86

226 Role of Hyperhomocysteinemia and Methylene Tetrahydrofolate Reductase C677T Polymorphism in Idiopathic Portal Vein Thrombosis. **2016**, 32, 6-10

225 27. Inherited thrombophilia. **2016**, 260-268

224 Vascular Remodeling: Homocysteine and Diabetes. **2017**, 469-479

223 Folate and Epigenetics: Colorectal Cancer Risk and Detection. **2017**, 1-19

222 Association of Two Single-Nucleotide Polymorphisms (rs1805087 and rs1801131) with Coronary Artery Disease in Golestan Population. **2017**, 15,

221 An evidence-based approach to globally assess the covariate-dependent effect of MTHFR SNP rs1801133 on plasma homocysteine: a systematic review and meta-analysis.

220 Evolving Dietetics Education to Respond to Emerging Technologies in Nutritional Genomics. **2018**, 66-92

219 Low Folate Status and Relationship with Betaine and Homocysteine. **2018**, 1-20

- 218 The Methylene Tetrahydrofolate Reductase Gene Variant C677T is not Associated with Migraine in Twelve Sudanese Pedigrees with Migraine. **2018**, 8,
- 217 Influence of TNF- α and ESR1 Polymorphisms on Vascular, Hormonal and Inflammatory Biomarkers in Migraine. **2018**, 18, 76-86 1
- 216 -455A allele of FGB gene in differential diagnostics of acute infective endocarditide and sepsis.. **2018**, 96, 321-327
- 215 Relationship of genetic factors with development of aortic dissection and aneurysm. **2018**, 26, 557-564
- 214 Relationship of MTHFR and ACE gene Variations with Migraine Susceptibility: A Case-Control Study in the Population of North India (Jammu). **2018**, 15, 851-860 0
- 213 Development of a multiplex PCR-RFLP method for simultaneous detection of the MTHFR 677C>T and TNF- α 308G>A variants in a Malay population. 11-19
- 212 Low Folate Status and Relationship with Betaine and Homocysteine. **2019**, 1715-1734
- 211 ASSOCIATION OF C677T POLYMORPHISMS OF MTHFR GENE WITH RECURRENT PREGNANCY LOSS IN VIETNAMESE WOMAN. **2019**, 7-12
- 210 The U-shaped Relationship Between Serum Methylene Tetrahydrofolate Reductase and Large-artery Atherosclerotic Stroke. **2019**, 16, 82-88
- 209 Combined presence of coagulation factor XIII V34L and plasminogen activator inhibitor 1 4G/5G gene polymorphisms significantly contribute to recurrent pregnancy loss in Serbian population. **2020**, 39, 199-207 0
- 208 MTHFR gene A1298C polymorphism and Alzheimer's disease susceptibility.
- 207 Analysis of putative cis-regulatory elements regulating blood pressure variation.
- 206 Maternal MTHFR A1298C polymorphism and risk of congenital heart disease in fetus.
- 205 Methylenetetrahydrofolate reductase (MTHFR) A1298C polymorphism and risk of lung cancer.
- 204 Relation between Methylenetetrahydrofolate Reductase C677T and A1298C Polymorphisms and Migraine Susceptibility.
- 203 Is natural (6S)-5-methyltetrahydrofolic acid as effective as synthetic folic acid in increasing serum and red blood cell folate concentrations during pregnancy? A proof-of-concept pilot study.
- 202 Influence of plasma methotrexate level and MTHFR genotype in Korean paediatric patients with acute lymphoblastic leukaemia. **2020**, 32, 251-259 3
- 201 Association between methylenetetrahydrofolate reductase gene C677T polymorphism and susceptibility to polycystic ovary syndrome.

- 200 Methylenetetrahydrofolate reductase gene C677T polymorphism and risk of alcohol dependence.
- 199 Maternal biomarkers for early prediction of the neural tube defects pregnancies.
- 198 Effect of riboflavin supplementation on blood pressure and possible effect modification by the MTHFR C677T polymorphism: a randomised trial in rural Gambia. 9, 1034
- 197 Associations of Genetic Variants of Methylenetetrahydrofolate Reductase and Serum Folate Levels with Metabolic Parameters in Patients with Schizophrenia. **2021**, 18, 0
- 196 B vitamin blood concentrations and one-carbon metabolism polymorphisms in a sample of Italian women and men attending a unit of transfusion medicine: a cross-sectional study. **2021**, 60, 2643-2654 1
- 195 Coagulopathies. **2020**, 579-593
- 194 Interaction Between Methylenetetrahydrofolate Reductase (MTHFR) Gene Polymorphisms and Environment with Susceptibility to Ischemic Stroke in Chinese Population. **2020**, 23, 491-495 1
- 193 ERKRANKUNGEN DES BLUTES UND DES GERINNINGSSYSTEMS, SOLIDE TUMOREN UND PRINZIPIEN DER INTERNISTISCHEN ONKOLOGIE. **2020**, B-1-B30-3
- 192 Vitamins: cobalamin and folate. **2020**, 687-697 1
- 191 Homocistei na y trastornos neurocognitivos. ¿Una luz al final del túnel?. **2020**, 24, 111-129
- 190 Clotting Disorders: What Should the Vascular Surgeon Know About Hypercoagulation States in Venous Diseases?. **2007**, 41-49
- 189 MTHFR C677T, Prothrombin G20210A, and Factor V Leiden (G1691A) Polymorphism and Beta-Thalassemia Risk: A Meta-Analysis. **2020**, 12, e10743
- 188 Nonsyndromic orofacial clefts in Chile: LINE-1 methylation and MTHFR variants. **2020**, 12, 1783-1791 2
- 187 Detection of Nutrient-Related SNP to Reveal Individual Malnutrition Risk.
- 186 Hyperhomocysteinemia: a new risk factor for central retinal vein occlusion. **2000**, 98, 493-503 16
- 185 Methylenetetrahydrofolate reductase thermolabile variant and human longevity. **1997**, 60, 999-1001 24
- 184 The (Ala-Val) mutation of methylenetetrahydrofolate reductase as a genetic risk factor for vascular disease in non-insulin-dependent diabetic patients. **1997**, 60, 228-9 16
- 183 Differences in methylenetetrahydrofolate reductase genotype frequencies, between Whites and Blacks. **1997**, 60, 229-30 60

182	A 68-bp insertion found in a homocystinuric patient is a common variant and is skipped by alternative splicing of the cystathionine beta-synthase mRNA. 1996 , 59, 1391-3	53
181	Severe and mild mutations in cis for the methylenetetrahydrofolate reductase (MTHFR) gene, and description of five novel mutations in MTHFR. 1996 , 59, 1268-75	92
180	Molecular genetic analysis in mild hyperhomocysteinemia: a common mutation in the methylenetetrahydrofolate reductase gene is a genetic risk factor for cardiovascular disease. 1996 , 58, 35-41	421
179	Elevated total plasma homocysteine and 677C-->T mutation of the 5,10-methylenetetrahydrofolate reductase gene in thrombotic vascular disease. 1996 , 59, 262-4	61
178	The Jeremiah Metzger Lecture. Hypercoagulable states: challenges and opportunities. 2001 , 112, 161-76; discussion 177-9	2
177	C677T polymorphism in the methylenetetrahydrofolate reductase gene is associated with primary closed angle glaucoma. 2008 , 14, 661-5	35
176	Comparing techniques for the identification of the MTHFR A1298C polymorphism. 2008 , 19, 103-5	2
175	The cost-benefit ratio of screening pregnant women for thrombophilia. 2007 , 5, 189-203	3
174	Folate and vitamin B12 status of adolescent girls in northern Nigeria. 2000 , 92, 334-40	19
173	Molecular epidemiology of gastric cancer: current status and future prospects. 2007 , 1, 12-9	13
172	Genetic variation in the methylenetetrahydrofolate reductase gene, MTHFR, does not alter the risk of visual failure in Leber's hereditary optic neuropathy. 2009 , 15, 870-5	4
171	Molecular epidemiology of genetic susceptibility to gastric cancer: focus on single nucleotide polymorphisms in gastric carcinogenesis. 2009 , 1, 44-54	29
170	MTHFR gene C677T and A1298C polymorphisms and homocysteine levels in primary open angle and primary closed angle glaucoma. 2009 , 15, 2268-78	38
169	The genetics of response to estrogen treatment. 2009 , 6, 44-9	2
168	MTHFR polymorphisms in Puerto Rican children with isolated congenital heart disease and their mothers. 2010 , 2, 43-47	24
167	Combined impact of polymorphism of folate metabolism genes; glutamate carboxypeptidase, methylene tetrahydrofolate reductase and methionine synthase reductase on breast cancer susceptibility in kashmiri women. 2008 , 2, 3-14	14
166	Candidate pathway polymorphisms in one-carbon metabolism and risk of rectal tumor mutations. 2011 , 2, 1-8	14
165	The Genetic Diversity and Structure of Linkage Disequilibrium of the MTHFR Gene in Populations of Northern Eurasia. 2012 , 4, 53-69	1

- 164 Association between the methylene tetrahydrofolate reductase gene C677T mutation and colchicine unresponsiveness in Behcet's disease. **2012**, 18, 1696-700 10
- 163 C677T Methylene tetrahydrofolate Reductase (MTHFR) Gene Polymorphism in Schizophrenia and Bipolar Disorder: An Association Study in Iranian Population. **2011**, 6, 1-6 9
- 162 The presence of multiple prothrombotic risk factors is associated with a higher risk of thrombosis in individuals with anticardiolipin antibodies. **2003**, 30, 2385-91 34
- 161 Genetic polymorphisms associated with endothelial function in nonarteritic anterior ischemic optic neuropathy. **2013**, 19, 213-9 7
- 160 Impact of methylenetetrahydrofolate reductase C677T polymorphism on the risk of gastric cancer and its interaction with Helicobacter pylori infection. **2012**, 16, 179-84 12
- 159 Development of novel LOXL1 genotyping method and evaluation of LOXL1, APOE and MTHFR polymorphisms in exfoliation syndrome/glaucoma in a Greek population. **2013**, 19, 1006-16 18
- 158 Genetic variability & chemotoxicity of 5-fluorouracil & cisplatin in head & neck cancer patients: a preliminary study. **2013**, 137, 125-9 7
- 157 Association of MTHFR gene C677T mutation with diabetic peripheral neuropathy and diabetic retinopathy. **2013**, 19, 1626-30 31
- 156 Methylene tetrahydrofolate reductase genetic polymorphisms and esophageal squamous cell carcinoma susceptibility: A meta-analysis of case-control studies. **2013**, 29, 693-8 3
- 155 Methylene tetrahydrofolate reductase C677T mutation and risk of retinal vein thrombosis. **2013**, 18, 487-91 6
- 154 Combined choroidal neovascularization and hypopituitarism in a patient with homozygous mutation in methylenetetrahydrofolate reductase gene. **2014**, 19, 75-9 1
- 153 MTHFR A1298C and C677T gene polymorphisms and susceptibility to chronic myeloid leukemia in Egypt. **2014**, 7, 2571-8 6
- 152 Angiotensinogen gene polymorphism and ischemic stroke in East Asians: A meta-analysis. **2013**, 8, 1228-35 1
- 151 Common Mutations of the Methylene tetrahydrofolate Reductase (MTHFR) Gene in Non-Syndromic Cleft Lips and Palates Children in North-West of Iran. **2015**, 27, 7-14 7
- 150 Association between Maternal MTHFR Polymorphisms and Nonsyndromic Cleft Lip with or without Cleft Palate in Offspring, A Meta-Analysis Based on 15 Case-Control Studies. **2015**, 8, 463-80 16
- 149 Meta-analysis of methylenetetrahydrofolate reductase polymorphism and lung cancer risk in Chinese. **2015**, 8, 1521-5 6
- 148 Classification, clinical features, and genetics of neural tube defects. **2014**, 35 Suppl 1, S5-S14 11
- 147 Effects of pyridoxine supplementation on severity, frequency and duration of migraine attacks in migraine patients with aura: A double-blind randomized clinical trial study in Iran. **2015**, 14, 74-80 13

146	Analysis of MTHFR Gene C.677C>T and C.1298A>C Polymorphisms in Iranian Patients with Non-Syndromic Cleft Lip and Palate. 2014 , 43, 821-7	8
145	Association Between MTHFR Genetic Variants and Multiple Sclerosis in a Southern Iranian Population. 2015 , 4, 87-93	7
144	MTHFR genetic polymorphism increases the risk of preterm delivery. 2015 , 8, 7397-402	5
143	5,10-methylene tetrahydrofolate reductase C677T gene polymorphism, homocysteine concentration and the extent of premature coronary artery disease in southern Iran. 2013 , 12, 437-48	6
142	A common variant in MTHFR influences response to chemoradiotherapy and recurrence of rectal cancer. 2015 , 5, 3231-40	4
141	MTHFR gene A1298C polymorphisms are associated with breast cancer risk among Chinese population: evidence based on an updated cumulative meta-analysis. 2015 , 8, 20146-56	4
140	Inherited genetic markers for thrombophilia in northeastern Iran (a clinical-based report). 2014 , 2, 76-82	1
139	H1299R in coagulation Factor V and Glu429Ala in MTHFR genes in recurrent pregnancy loss in Sari, Mazandaran. 2016 , 14, 329-34	1
138	Zinc Finger 259 Gene Polymorphism rs964184 is Associated with Serum Triglyceride Levels and Metabolic Syndrome. 2016 , 5, 8-18	7
137	Association between Methylenetetrahydrofolate Reductase (MTHFR) Gene Polymorphisms and Susceptibility to Childhood Acute Lymphoblastic Leukemia in an Iranian Population. 2016 , 10, 130-7	6
136	Additive effect of and genetic polymorphisms on the risk of schizophrenia. 2015 , 4, 33-42	1
135	Are polymorphisms in MTRR A66G and MTHFR C677T genes associated with congenital heart diseases in Iranian population?. 2017 , 8, 83-90	3
134	Pharmacogenetics and Psychiatric Care: A Review and Commentary. 2018 , 2, 17-24	5
133	Investigating the methylation status of gene and its association with C677T polymorphism in patients with colorectal cancer. 2019 , 8, 53-58	1
132	Methylenetetrahydrofolate reductase gene A1298C polymorphism and gene-environment interactions are associated with carotid plaque in a south Chinese population. 2017 , 10, 9744-9752	
131	5,10-Methylenetetrahydrofolate reductase () C677T/A1298C polymorphisms in patients with nonsyndromic cleft lip and palate. 2020 , 13, 57	
130	Correlation between plasma homocysteine and first myocardial infarction in young patients: Case-control study in Constanta County, Romania. 2021 , 21, 101	
129	Effects of Methylene Tetrahydro Folate Reductase Gene Polymorphisms on Methotrexate Toxicity in Egyptian Pediatric Acute Lymphocytic Leukaemia Patients. 2020 , 19, 387-393	

- 128 A Genetic Association Study of C677T Polymorphism with Risk of Metabolic Syndrome: A Systematic Review and Meta-Analysis. **2019**, 8, e1472
- 127 Associations between methylenetetrahydrofolate reductase polymorphisms and hepatocellular carcinoma risk: An update meta-analysis and trial sequential analysis. **2021**, 100, e27527
- 126 Associations between methylenetetrahydrofolate reductase polymorphisms and hepatocellular carcinoma risk. **2021**, 100, e27527 0
- 125 The Influence of MTHFR Polymorphism on Gray Matter Volume in Patients With Amnesic Mild Cognitive Impairment.. **2021**, 15, 778123 4
- 124 Does personalised nutrition advice based on apolipoprotein E and methylenetetrahydrofolate reductase genotype affect dietary behaviour?. **2021**, 2601060211032882
- 123 Systematic Review and Meta-Analysis of L-Methylfolate Augmentation in Depressive Disorders. **2021**, 0
- 122 A Genetic Association Study of MTHFR C677T Polymorphism with Risk of Metabolic Syndrome: A Systematic Review and Meta-Analysis. **2019**, 8, e1472
- 121 5,10-Methylenetetrahydrofolate reductase (MTHFR) C677T/A1298C polymorphisms in patients with nonsyndromic cleft lip and palate. **2020**, 13, 1-1 0
- 120 Correlation between plasma homocysteine and first myocardial infarction in young patients: Case-control study in Constanta County, Romania. **2020**, 21, 101 1
- 119 Metabolic Control of Germline Formation and Differentiation in Mammals.. **2022**, 1-16 0
- 118 The Pathophysiology of HS in Renal Glomerular Diseases.. **2022**, 12, 3
- 117 The Genetic Basis of Strokes in Pediatric Populations and Insight into New Therapeutic Options.. **2022**, 23, 0
- 116 Associations between AGT, MTHFR, and VEGF gene polymorphisms and preeclampsia in the Chinese population.. **2022**, 118, 38-45 2
- 115 Genetic and Epigenetic Studies in Nonsyndromic Oral Clefts.. **2022**, 0
- 114 The role of genetic mutation in alcoholic liver disease. **2022**, 12,
- 113 Association of the DNA Methyltransferase and Folate Cycle Enzymes' Gene Polymorphisms with Coronary Restenosis.. **2022**, 12,
- 112 Recent advances in molecular genetics of cardiovascular disorders. Implications for atherosclerosis and diseases of cellular lipid metabolism. **1998**, 4, 152-60 2
- 111 Gene expression profiling of coronary artery disease and its relation with different severities. **2018**, 97, 853-867 1

110	Neonatal Cerebral Venous Thrombosis following Maternal SARS-CoV-2 Infection in Pregnancy.. 2022 , 1-5	0
109	Association of the methylenetetrahydrofolate reductase (MTHFR) gene variant C677T with serum homocysteine levels and the severity of ischaemic stroke: a case-control study in the southwest of China.. 2022 , 50, 3000605221081632	0
108	Methylenetetrahydrofolate Reductase Gene rs1801133 and rs1801131 Polymorphisms and Essential Hypertension Risk: A Comprehensive Analysis.. 2022 , 2022, 2144443	0
107	Association of MTHFR Polymorphisms with H-Type Hypertension: A Systemic Review and Network Meta-Analysis of Diagnostic Test Accuracy.. 2022 , 2022, 2861444	0
106	High Prevalence of Plasminogen Activator Inhibitor-1 4G/5G Polymorphism among Patients with Venous Thromboembolism in Kerala, India.. 2022 ,	0
105	Explore the Role of the rs1801133-PPARG Pathway in the H-type Hypertension.. 2022 , 2022, 2054876	0
104	MTHFR 677TT is associated with decreased number of embryos and cumulative live birth rate in patients undergoing GnRHa short protocol: a retrospective study.. 2022 , 22, 170	0
103	The Controversial Role of HCY and Vitamin B Deficiency in Cardiovascular Diseases.. 2022 , 14,	3
102	Association of 677C > T gene polymorphism with neonatal defects: a meta-analysis of 81444 subjects.. 2022 , 1-12	0
101	Association between methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism and H-type hypertension: A systematic review and meta-analysis.. 2022 ,	0
100	Contribution of DNA methylation to the pathogenesis of Sjögren's syndrome: A review.. 2022 , 1-8	0
99	Folate metabolism abnormalities in infertile patients with endometriosis.. 2022 ,	0
98	Methylenetetrahydrofolate (MTHFR), the One-Carbon Cycle, and Cardiovascular Risks.. 2021 , 13,	5
97	A Glance into MTHFR Deficiency at a Molecular Level.. 2021 , 23,	0
96	Mild Choline Deficiency and MTHFD1 Synthetase Deficiency Interact to Increase Incidence of Developmental Delays and Defects in Mice.. 2021 , 14,	0
95	The 677C>T variant in methylenetetrahydrofolate reductase causes morphological and functional cerebrovascular deficits in mice.	0
94	Associations between Genetic Variants and Blood Biomarkers of One-carbon Metabolism in Postmenopausal Women from the Women's Health Initiative Observational Study.. 2021 ,	0
93	Role of mutations in MTHFR gene and hyperhomocysteinemia in occurrence of ischemic stroke. 2021 , 41-46	0

92	Levels of Folate and Vitamin B12, and Genetic Polymorphisms Involved in One-Carbon Metabolism May Increase the Risk of Cervical Cytological Abnormalities.. <i>Nutrition and Cancer</i> , 2021 , 1-10	2.8	
91	3'-UTR Polymorphism: A Novel Association with FOLFIRINOX-Induced Neurotoxicity in Pancreatic Cancer Patients.. <i>Pharmaceutics</i> , 2021 , 14,	6.4	0
90	MTHFR Polymorphism Is Associated With Severe Methotrexate-Induced Toxicity in Osteosarcoma Treatment.. <i>Frontiers in Oncology</i> , 2021 , 11, 781386	5.3	1
89	Data_Sheet_1.PDF. 2020 ,		
88	Image_1.TIF. 2020 ,		
87	Data_Sheet_1.docx. 2019 ,		
86	Efficient recovery of DNA from peripheral blood for diagnostic analysis with a vacuum manifold. <i>Molecular Diagnosis and Therapy</i> , 2000 , 5, 151-4		
85	Homocysteine and Folic Acid Metabolism. 2022 , 3-36		
84	Homocysteine Metabolism Pathway Genes and Risk of Type 2 Diabetes Mellitus/Metabolic Disorders. 2022 , 115-134		
83	Genetic Polymorphism in Homocysteine Metabolism. 2022 , 135-157		
82	Thrombosis-Related DNA Polymorphisms.		
81	Association between serum 5-methyltetrahydrofolate and homocysteine in Chinese hypertensive participants with different MTHFR C677T polymorphisms: a cross-sectional study.. <i>Nutrition Journal</i> , 2022 , 21, 29	4.3	0
80	A Treatable Cause of Global Developmental Delay with Autism Spectrum Disorder Due to Cobalamin Related Remethylation Disorder. <i>Indian Journal of Pediatrics</i> ,	3	1
79	Can <l>Plasmodium falciparum</l> Induce Homocysteinemia in Malaria Patients?. <i>Journal of Biosciences and Medicines</i> , 2022 , 10, 117-128	0.2	
78	Association between Genetic Polymorphisms in Methylenetetrahydrofolate Reductase and Risk of Autoimmune Diseases: A Systematic Review and Meta-Analysis. <i>Disease Markers</i> , 2022 , 2022, 1-24	3.2	
77	5,10-Methylenetetrahydrofolate reductase becomes phosphorylated during meiotic maturation in mouse oocytes. <i>Zygote</i> , 1-15	1.6	
76	Relationship between MTHFR Gene Polymorphism and Coronary Heart Disease and Its Enlightenment to Precision Nursing of Coronary Heart Disease. <i>Nursing Science</i> , 2022 , 11, 332-338	0	
75	A call to action: MTHFR polymorphisms should not be a part of inherited thrombophilia testing. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022 , 6,	5.1	0

74	Association Between MTHFR rs17367504 Polymorphism and Major Depressive Disorder in Taiwan: Evidence for Effect Modification by Exercise Habits. <i>Frontiers in Psychiatry</i> , 13,	5	
73	Methylene-tetrahydrofolate reductase gene C677T and A1298C polymorphisms as a risk factor for Crimean-Congo hemorrhagic fever. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1-13	1.4	2
72	Evaluating the Association Between Genetic Polymorphisms Related to Homocysteine Metabolism and Unexplained Recurrent Pregnancy Loss in Women. <i>The Application of Clinical Genetics</i> , Volume 15, 55-62	3.1	1
71	A retrospective examination of adjunctive L-methylfolate in children and adolescents with unipolar depression. <i>Journal of Affective Disorders</i> , 2022,	6.6	
70	Plasma metal concentrations and their interactions with genetic susceptibility on homocysteine levels. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113705	7	
69	Common Gene Polymorphisms in the Metabolic Folate and Methylation Pathway and the Risk of Acute Lymphoblastic Leukemia and non-Hodgkin's Lymphoma in Adults. 2004, 13, 787-794		34
68	Association of methylenetetrahydrofolate reductase (MTHFR) gene polymorphisms (C677T and A1298C) with thyroid dysfunction: A meta-analysis and trial sequential analysis. <i>Archives of Endocrinology and Metabolism</i> , 2022,	2.2	0
67	Different effects of maternal Hcy level, MTHFR and MTRR genetic polymorphisms on the occurrence of fetal aneuploidy. <i>Reproductive BioMedicine Online</i> , 2022,	4	
66	Large-scale screening for factor V Leiden (G1691A), prothrombin (G20210A), and MTHFR (C677T) mutations in Greek population. <i>Health Science Reports</i> , 2022, 5,	2.2	0
65	Associations between Two Common Variants C677T and A1298C in the Methylene-tetrahydrofolate Reductase Gene and Measures of Folate Metabolism and DNA Stability (Strand Breaks, Misincorporated Uracil, and DNA Methylation Status) in Human Lymphocytes In vivo. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 1436-1443	4	28
64	No Association between MTHFR 677 C->T or 1298 A->C Polymorphisms and Endometrial Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 1088-1089	4	5
63	Relationship between Methylene-tetrahydrofolate Reductase C677T and A1298C Genotypes and Haplotypes and Prostate Cancer Risk and Aggressiveness. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 1331-1336	4	10
62	Polymorphism in the Thymidylate Synthase Promoter Enhancer Region and Risk of Colorectal Adenomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 2247-2250	4	10
61	MTHFR Polymorphisms and Risk of Chronic Lymphocytic Leukemia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 2268-2270	4	5
60	Folate/folic acid. 2022,		
59	Cerebral Folate Deficiency Syndrome: Early Diagnosis, Intervention and Treatment Strategies. 2022, 14, 3096		0
58	Profile of Folate in Breast Milk from Chinese Women over 1400 Days Postpartum. 2022, 14, 2962		1
57	Super-assembly of integrated gold magnetic assay with loop-mediated isothermal amplification for point-of-care testing.		

56	MTHFR Polymorphism and Folic Acid Supplementation Influence Serum Homocysteine Levels in Psoriatic Patients Treated with Methotrexate. 2022 , 11, 4580	
55	Association between variants of MTHFR genes and psychiatric disorders: A meta-analysis. 13,	0
54	Polymorphisms in gene MTHFR modify the association between gestational weight gain and adverse birth outcomes. 9,	0
53	Targeting purine metabolism in ovarian cancer. 2022 , 15,	1
52	Methylenetetrahydrofolate reductase (MTHFR) 677C>T polymorphisms in breast cancer: A Filipino preliminary case-control study. 2022 , 29, 101682	0
51	Role of 19 SNPs in 10 genes with type 2 diabetes in the Pakistani population. 2023 , 848, 146899	0
50	Pharmacogenetics of Addiction Therapy. 2022 , 437-490	0
49	Homocysteine. 2022 ,	0
48	Pharmacogenetics of Drug Therapies in Rheumatoid Arthritis. 2022 , 527-567	0
47	Association between Methylene-Tetrahydrofolate Reductase C677T Polymorphism and Human Immunodeficiency Virus Type 1 Infection in Morocco.	1
46	The Association of Methylenetetrahydrofolate Reductase (MTHFR) A1298C Gene Polymorphism with Susceptibility to Diabetic Nephropathy: A Meta-Analysis.	0
45	Dutch pharmacogenetics working group guideline for the gene-drug interaction of ABCG2, HLA-B and Allopurinol, and MTHFR, folic acid and methotrexate.	0
44	The 677C > T variant in methylenetetrahydrofolate reductase causes morphological and functional cerebrovascular deficits in mice. 0271678X2211226	1
43	Reduced Steroid Synthesis in the Follicular Fluid of MTHFR 677TT Mutation Carriers: Effects of Increased Folic Acid Administration. 2022 , 82, 1074-1081	0
42	Folate Pathway Gene Single Nucleotide Polymorphisms and Neural Tube Defects: A Systematic Review and Meta-Analysis. 2022 , 12, 1609	0
41	Triglyceride Level- and MTHFR-Specific Mediation Effect of Handgrip Strength on the Association of Dietary Protein Intake and Cognitive Function in the Chinese Elderly. 2022 , 19, 658-666	0
40	Methodological and Biological Factors Influencing Global DNA Methylation Results Measured by LINE-1 Pyrosequencing Assay in Colorectal Tissue and Liquid Biopsy Samples. 2022 , 23, 11608	0
39	Genetic Aspects of Micronutrients Important for Inflammatory Bowel Disease. 2022 , 12, 1623	1

38	Folate Antagonists. 1-11	o
37	The NESHIE and CP Genetics Resource (NCGR): A database of genes and variants reported in neonatal encephalopathy with suspected hypoxic ischemic encephalopathy (NESHIE) and consequential cerebral palsy (CP). 2022 , 114, 110508	o
36	Cerebral Venous Sinus Thrombosis with MTHFR C677T Heterozygous Mutation. 2022 , 40, 307-310	o
35	Acute and Long-term Neurological Complications of Acute Lymphoblastic Leukemia (ALL) Therapy in Latino Children. 2023 , 43-53	o
34	FTO Gene Polymorphisms at the Crossroads of Metabolic Pathways of Obesity and Epigenetic Influences. 2022 , 61,	o
33	Biocatalytic One-Carbon Conversion.	o
32	Maternal Inherited Thrombophilia in Monochorionic Twin Pregnancy with Twin-Twin Transfusion Syndrome. 2022 , 11, 7054	o
31	Short-Term Combined Intake of Vitamin B2 and Vitamin E Decreases Plasma Homocysteine Concentrations in Female Track Athletes. 2022 , 1, 216-226	o
30	Methylenetetrahydrofolate Reductase C677T Gene Variant in Relation to Body Mass Index and Folate Concentration in a Polish Population. 2022 , 10, 3140	o
29	Hyperhomocysteinemia is related to large vessel occlusion in young patients with COVID -19: Two case reports. 2022 , 10,	o
28	Association of homocysteine and polymorphism of methylenetetrahydrofolate reductase with early-onset post stroke depression. 9,	o
27	Meta-analysis of Serum Vitamin B12 Levels and Diabetic Retinopathy in Type 2 Diabetes. 2022 ,	o
26	Association between maternal MTHFR C677T/A1298C combination polymorphisms and IVF/ICSI outcomes: a retrospective cohort study. 2022 , 2023,	o
25	Riboflavin Intake Inversely Associated with Cardiovascular-Disease Mortality and Interacting with Folate Intake: Findings from the National Health and Nutrition Examination Survey (NHANES) 2005-2016. 2022 , 14, 5345	o
24	TT Genotype of the Methylenetetrahydrofolate Reductase C677T Polymorphism is an Important Determinant for Homocysteine Levels in Multi-Ethnic Malaysian Ischaemic Stroke Patients. 2011 , 40, 186-191	3
23	Lack of Association of C677T Methylenetetrahydrofolate Reductase Polymorphism with Breast Cancer Risk in Mali. 2023 , 2023, 1-7	o
22	The methylenetetrahydrofolate reductase C677T and A1298C genetic polymorphisms and plasma homocysteine in Alzheimer's disease in an Algerian population. 1-6	o
21	Methylenetetrahydrofolate Reductase 677T Allele Is a Risk Factor for Arterial Thrombosis in Chinese Han Patients with Antiphospholipid Syndrome. 2023 , 11, 55	o

- 20 Association of Methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism in breast cancer patients of Bihar: Case-control study. **2022**, 9, 301-305 ○
- 19 The relationship between serum homocysteine levels and sudden sensorineural hearing loss: a meta-analysis. ○
- 18 Pacific Craniofacial Team and Cleft Prevention Program. **2006**, 34, 823-830 ○
- 17 Methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and gastric cancer susceptibility: an updated meta-analysis. ○
- 16 Biochemical Association of MTHFR C677T Polymorphism with Myocardial Infarction in the Presence of Diabetes Mellitus as a Risk Factor. **2023**, 13, 251 ○
- 15 Migraine and thyroid dysfunction: Co-occurrence, shared genes and biological mechanisms. ○
- 14 Four cases of venous thrombosis in athletes with silent hereditary defects of the protein C system. **2005**, 94, 463-464 ○
- 13 Impact of methylene-tetrahydrofolate reductase gene C677T and A1298C polymorphisms as a risk factor for hepatitis B virus infection. 1-13 ○
- 12 MTHFR A1298C polymorphism: a predictor of reduced risk of preeclampsia in Punjab, Pakistan. **2023**, 42, ○
- 11 Occurrence of MTHFR C677T gene polymorphism and its association with atherogenic indices in Mexican women from San Luis Potosi, a preliminary study. ○
- 10 Association of infertility and methylenetetrahydrofolate reductase genotypes in Turkish couples. **2023**, 48, 117-126 ○
- 9 Occurrence of MTHFR C677T gene polymorphism and its association with atherogenic indices in Mexican women from San Luis Potosi, a preliminary study. ○
- 8 Association of ACE ID, MTHFR C677T, and MIF-173GC variants with the clinical course of COVID-19 patients. 1-15 ○
- 7 Associative role of methylenetetrahydrofolate reductase and thymidylate synthase 6bp del gene polymorphism in preterm delivery. **2023**, 10, 77 ○
- 6 Low-dose methotrexate-induced renal failure in a patient with ectopic pregnancy: a case report. **2023**, 17, ○
- 5 Association between Micronutrients and Hyperhomocysteinemia: A Case-Control Study in Northeast China. **2023**, 15, 1895 ○
- 4 Cerebral venous thrombosis with hyperhomocysteinemia due to loss of heterozygosity at methylenetetrahydrofolate reductase (MTHFR) locus: a case report. **2023**, 23, ○
- 3 Dual effect of methylene-tetrahydrofolate reductase and angiotensin-converting enzyme gene polymorphisms on the risk of acute ischemic stroke. **2023**, 102, ○

- 2 The Association between Methylenetetrahydrofolate Reductase (MTHFR) Mutations and Serum Biomarkers of Cardiac Health. **2023**, 13, 87-107 ○
- 1 No association between MTHFR gene C677T / A1298C polymorphisms, serum folate, vitamin B12, homocysteine levels, and prostate cancer in an Algerian population. ○