

Anne M Molloy

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

9,526
citations

34016

52
h-index

40881

93
g-index

162
all docs

162
docs citations

162
times ranked

8756
citing authors

#	ARTICLE	IF	CITATIONS
1	Low vitamin B ₁₂ but not folate is associated with incident depressive symptoms in community-dwelling older adults: a 4-year longitudinal study. <i>British Journal of Nutrition</i> , 2023, 130, 268-275.	1.2	8
2	Low folate predicts accelerated cognitive decline: 8-year follow-up of 3140 older adults in Ireland. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 950-957.	1.3	7
3	Lowering the risk of autism spectrum disorder with folic acid: can there be too much of a good thing?. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1268-1269.	2.2	2
4	The genetic landscape of polycystic kidney disease in Ireland. <i>European Journal of Human Genetics</i> , 2021, 29, 827-838.	1.4	11
5	Vitamin D and Hospital Admission in Older Adults: A Prospective Association. <i>Nutrients</i> , 2021, 13, 616.	1.7	5
6	A dihydrofolate reductase 2 (<i>DHFR2</i>) variant is associated with risk of neural tube defects in an Irish cohort but not in a United Kingdom cohort. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1307-1311.	0.7	2
7	Effects of maternal folic acid supplementation during the second and third trimesters of pregnancy on neurocognitive development in the child: an 11-year follow-up from a randomised controlled trial. <i>BMC Medicine</i> , 2021, 19, 73.	2.3	29
8	Folic Acid and Infant Allergy: Avoiding Rash Judgments. <i>Journal of Nutrition</i> , 2021, 151, 1367-1368.	1.3	2
9	Associations of atrophic gastritis and proton-pump inhibitor drug use with vitamin B-12 status, and the impact of fortified foods, in older adults. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1286-1294.	2.2	22
10	Long-term anticholinergic, benzodiazepine and Z-drug use in community-dwelling older adults: What is the impact on cognitive and neuropsychological performance?. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1767-1777.	1.3	4
11	Glycated haemoglobin (HbA _{1c}), diabetes and neuropsychological performance in community-dwelling older adults. <i>Diabetic Medicine</i> , 2021, 38, e14668.	1.2	1
12	Long-Chain Polyunsaturated Fatty Acids, Homocysteine at Birth and Fatty Acid Desaturase Gene Cluster Polymorphisms Are Associated with Children's Processing Speed up to Age 9 Years. <i>Nutrients</i> , 2021, 13, 131.	1.7	7
13	The relationship between maternal plasma homocysteine in early pregnancy and birth weight. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3045-3049.	0.7	6
14	Knowledge gaps in understanding the metabolic and clinical effects of excess folates/folic acid: a summary, and perspectives, from an NIH workshop. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1390-1403.	2.2	95
15	Impact of the common MTHFR 677C>T polymorphism on blood pressure in adulthood and role of riboflavin in modifying the genetic risk of hypertension: evidence from the JINGO project. <i>BMC Medicine</i> , 2020, 18, 318.	2.3	15
16	Adverse effects on cognition caused by combined low vitamin B-12 and high folate status "we must do better than a definite maybe!". <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1422-1423.	2.2	6
17	Phenylalanine and healthy ageing: Linking dietary factors, nutrient biomarkers, metabolic status and inflammation with cognition in older adults (the VALID project). <i>Nutrition Bulletin</i> , 2020, 45, 415-423.	0.8	5
18	Plasma concentrations of vitamin B ₁₂ and folate and global cognitive function in an older population: cross-sectional findings from The Irish Longitudinal Study on Ageing (TILDA). <i>British Journal of Nutrition</i> , 2020, 124, 602-610.	1.2	14

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19	Identifying Key Predictors of Cognitive Dysfunction in Older People Using Supervised Machine Learning Techniques: Observational Study. <i>JMIR Medical Informatics</i> , 2020, 8, e20995.	1.3	6
20	Vitamin D Status Is Not Associated With Orthostatic Hypotension in Older Adults. <i>Hypertension</i> , 2019, 74, 639-644.	1.3	9
21	Assessing the genetic association between vitamin B6 metabolism and genetic generalized epilepsy. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 21, 100518.	0.4	2
22	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) <i>Tj ETQq0 0 0 rgB2.1.0 Overlock10 Tf 50</i>		
23	Hyperglycemia and Metformin Use Are Associated With B Vitamin Deficiency and Cognitive Dysfunction in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4837-4847.	1.8	46
24	B-vitamins in Relation to Depression in Older Adults Over 60 Years of Age: The Trinity Ulster Department of Agriculture (TUDA) Cohort Study. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 551-557.e1.	1.2	40
25	Do the benefits of folic acid fortification outweigh the risk of masking vitamin B ₁₂ deficiency?. <i>BMJ: British Medical Journal</i> , 2018, 360, k724.	2.4	27
26	Effect of Area-Level Socioeconomic Deprivation on Risk of Cognitive Dysfunction in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1269-1275.	1.3	42
27	Should vitamin B ₁₂ status be considered in assessing risk of neural tube defects?. <i>Annals of the New York Academy of Sciences</i> , 2018, 1414, 109-125.	1.8	48
28	Lifestyle, metabolite, and genetic determinants of formate concentrations in a cross-sectional study in young, healthy adults. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 345-354.	2.2	5
29	The Prevalence of Vitamin D Deficiency and the Determinants of 25(OH)D Concentration in Older Irish Adults: Data From The Irish Longitudinal Study on Ageing (TILDA). <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 519-525.	1.7	73
30	High folate status is positively associated with cognitive function, irrespective of B12 status. Findings from The Irish Longitudinal Study on Ageing (TILDA). <i>Proceedings of the Nutrition Society</i> , 2018, 77, .	0.4	0
31	260The Impact of Area Based Socioeconomic Deprivation on Osteoporosis. <i>Age and Ageing</i> , 2018, 47, v1-v12.	0.7	1
32	210Low Vitamin B12 and High Folate Status - Cause for Concern? Findings from The Irish Longitudinal Study on Ageing (TILDA). <i>Age and Ageing</i> , 2018, 47, v13-v60.	0.7	0
33	Folate and vitamin B12 levels in early pregnancy and maternal obesity. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 231, 80-84.	0.5	30
34	269B-Vitamin Biomarker Status - Predictors of Cognitive Function and Decline in Older Adults Over A 5-year Follow-up: The TUDA Study. <i>Age and Ageing</i> , 2018, 47, v13-v60.	0.7	0
35	The 677Câ†T variant of MTHFR is the major genetic modifier of biomarkers of folate status in a young, healthy Irish population. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1334-1341.	2.2	18
36	Voluntary fortification is ineffective to maintain the vitamin B ₁₂ and folate status of older Irish adults: evidence from the Irish Longitudinal Study on Ageing (TILDA). <i>British Journal of Nutrition</i> , 2018, 120, 111-120.	1.2	33

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37	The relationship between adiposity and cognitive function in a large community-dwelling population: data from the Trinity Ulster Department of Agriculture (TUDA) ageing cohort study. <i>British Journal of Nutrition</i> , 2018, 120, 517-527.	1.2	21
38	Comparison at the first prenatal visit of the maternal dietary intakes of smokers with non-smokers in a large maternity hospital: a cross-sectional study. <i>BMJ Open</i> , 2018, 8, e021721.	0.8	4
39	Mice lacking the transcobalamin-vitamin B12 receptor, CD320, suffer from anemia and reproductive deficits when fed vitamin B12-deficient diet. <i>Human Molecular Genetics</i> , 2018, 27, 3627-3640.	1.4	16
40	Fortifying food with folic acid to prevent neural tube defects: are we now where we ought to be?. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 857-858.	2.2	3
41	The impact of common genetic variants in the mitochondrial glycine cleavage system on relevant metabolites. <i>Molecular Genetics and Metabolism Reports</i> , 2018, 16, 20-22.	0.4	6
42	Greater yogurt consumption is associated with increased bone mineral density and physical function in older adults. <i>Osteoporosis International</i> , 2017, 28, 2409-2419.	1.3	53
43	Genetic Risk Factors for Folate-Responsive Neural Tube Defects. <i>Annual Review of Nutrition</i> , 2017, 37, 269-291.	4.3	38
44	Ambient UVB Dose and Sun Enjoyment Are Important Predictors of Vitamin D Status in an Older Population. <i>Journal of Nutrition</i> , 2017, 147, 858-868.	1.3	44
45	The FUT2 secretor variant p.Trp154Ter influences serum vitamin B12 concentration via holo-haptocorrin, but not holo-transcobalamin, and is associated with haptocorrin glycosylation. <i>Human Molecular Genetics</i> , 2017, 26, 4975-4988.	1.4	16
46	The Irish DNA Atlas: Revealing Fine-Scale Population Structure and History within Ireland. <i>Scientific Reports</i> , 2017, 7, 17199.	1.6	29
47	Vitamin B12 deficiency. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17040.	18.1	543
48	Variations in vitamin B12 and folate balance: implications for cognitive function? Findings from The Irish Longitudinal Study on Ageing (TILDA). <i>Proceedings of the Nutrition Society</i> , 2017, 76, .	0.4	0
49	Optimization of folic acid supplementation in the prevention of neural tube defects. <i>Journal of Public Health</i> , 2017, 40, 1-8.	1.0	10
50	B-Vitamin Intake and Biomarker Status in Relation to Cognitive Decline in Healthy Older Adults in a 4-Year Follow-Up Study. <i>Nutrients</i> , 2017, 9, 53.	1.7	58
51	Dairy intakes in older Irish adults and effects on vitamin micronutrient status: Data from the TUDA study. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .	0.4	0
52	Vitamin B12 and vitamin D status of older Irish adults: Preliminary results from the BIO-TILDA Study. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .	0.4	0
53	Association of a transcobalamin II genetic variant with falsely low results for the holotranscobalamin immunoassay. <i>European Journal of Clinical Investigation</i> , 2016, 46, 434-439.	1.7	10
54	Folic Acid Supplementation in Postpolypectomy Patients in a Randomized Controlled Trial Increases Tissue Folate Concentrations and Reduces Aberrant DNA Biomarkers in Colonic Tissues Adjacent to the Former Polyp Site. <i>Journal of Nutrition</i> , 2016, 146, 933-939.	1.3	20

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55	A Common Polymorphism in HIBCH Influences Methylmalonic Acid Concentrations in Blood Independently of Cobalamin. <i>American Journal of Human Genetics</i> , 2016, 98, 869-882.	2.6	43
56	The Frontal Assessment Battery. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2016, 29, 338-343.	1.2	21
57	Serum Immune System Biomarkers Neopterin and Interleukin-10 Are Strongly Related to Tryptophan Metabolism in Healthy Young Adults. <i>Journal of Nutrition</i> , 2016, 146, 1801-1806.	1.3	17
58	Genome-wide studies of von Willebrand factor propeptide identify loci contributing to variation in propeptide levels and von Willebrand factor clearance. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 1888-1898.	1.9	13
59	Evaluation of proton-coupled folate transporter (<i>SLC46A1</i>) polymorphisms as risk factors for neural tube defects and oral clefts. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1007-1016.	0.7	7
60	r2VM: A new variable selection method for random forests in genome-wide association studies. <i>BioData Mining</i> , 2016, 9, 7.	2.2	53
61	Synthetic folic acid intakes and status in children living in Ireland exposed to voluntary fortification. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 512-518.	2.2	9
62	Evidence from a Randomized Trial That Exposure to Supplemental Folic Acid at Recommended Levels during Pregnancy Does Not Lead to Increased Unmetabolized Folic Acid Concentrations in Maternal or Cord Blood. <i>Journal of Nutrition</i> , 2016, 146, 494-500.	1.3	30
63	Common Polymorphisms That Affect Folate Transport or Metabolism Modify the Effect of the MTHFR 677C > T Polymorphism on Folate Status. <i>Journal of Nutrition</i> , 2016, 146, 1-8.	1.3	31
64	Tryptophan Catabolism and Vitamin B-6 Status Are Affected by Gender and Lifestyle Factors in Healthy Young Adults. <i>Journal of Nutrition</i> , 2015, 145, 701-707.	1.3	37
65	Biomarkers of Nutrition for Development—Folate Review. <i>Journal of Nutrition</i> , 2015, 145, 1636S-1680S.	1.3	570
66	Common Variants at Putative Regulatory Sites of the Tissue Nonspecific Alkaline Phosphatase Gene Influence Circulating Pyridoxal 5'-Phosphate Concentration in Healthy Adults. <i>Journal of Nutrition</i> , 2015, 145, 1386-1393.	1.3	19
67	Impact of voluntary fortification and supplement use on dietary intakes and biomarker status of folate and vitamin B-12 in Irish adults. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1163-1172.	2.2	61
68	Postprandial plasma betaine and other methyl donor-related responses after consumption of minimally processed wheat bran or wheat aleurone, or wheat aleurone incorporated into bread. <i>British Journal of Nutrition</i> , 2015, 113, 445-453.	1.2	13
69	The Dihydrofolate Reductase 19 bp Polymorphism Is Not Associated with Biomarkers of Folate Status in Healthy Young Adults, Irrespective of Folic Acid Intake. <i>Journal of Nutrition</i> , 2015, 145, 2207-2211.	1.3	6
70	Determinants of 25-hydroxyvitamin D in older Irish adults. <i>Age and Ageing</i> , 2015, 44, 847-853.	0.7	42
71	Replication and exploratory analysis of 24 candidate risk polymorphisms for neural tube defects. <i>BMC Medical Genetics</i> , 2014, 15, 102.	2.1	11
72	Riboflavin status modifies the effects of methylenetetrahydrofolate reductase (MTHFR) and methionine synthase reductase (MTRR) polymorphisms on homocysteine. <i>Genes and Nutrition</i> , 2014, 9, 435.	1.2	28

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73	Maternal choline concentrations during pregnancy and choline-related genetic variants as risk factors for neural tube defects. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1069-1074.	2.2	26
74	Vitamin D Deficiency Is Associated With Inflammation in Older Irish Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1807-1815.	1.8	163
75	Is low iron status a risk factor for neural tube defects?. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 100-106.	1.6	10
76	Guidelines for the diagnosis and treatment of cobalamin and folate disorders. <i>British Journal of Haematology</i> , 2014, 166, 496-513.	1.2	306
77	Genetic variants in PLC, LPA, and SIGLEC 14 as well as smoking contribute to plasma plasminogen levels. <i>Blood</i> , 2014, 124, 3155-3164.	0.6	20
78	Population red blood cell folate concentrations for prevention of neural tube defects: bayesian model. <i>BMJ, The</i> , 2014, 349, g4554-g4554.	3.0	153
79	Determining diagnostic markers of vitamin B12 status in older adults- Data from the Trinity Ulster Department of Agriculture Ageing cohort study. <i>Proceedings of the Nutrition Society</i> , 2014, 73, .	0.4	0
80	Effect of folic acid supplementation during pregnancy on cognitive development of the child at 6 years: preliminary results from the FASSTT Offspring Trial. <i>Proceedings of the Nutrition Society</i> , 2014, 73, .	0.4	3
81	Reply to SW Dâ€™Souza et al. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1598-1599.	2.2	1
82	Linkage analysis identifies a locus for plasma von Willebrand factor undetected by genome-wide association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 588-593.	3.3	85
83	Is Vitamin B12 status a risk factor for falling in older adults (>60 yrs)?. <i>Proceedings of the Nutrition Society</i> , 2013, 72, .	0.4	0
84	Formate can differentiate between hyperhomocysteinemia due to impaired remethylation and impaired transsulfuration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E61-E67.	1.8	33
85	Papers from the 7th International Neural Tube Defects Conference. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 747-748.	1.6	3
86	Evaluation of common genetic variants in 82 candidate genes as risk factors for neural tube defects. <i>BMC Medical Genetics</i> , 2012, 13, 62.	2.1	66
87	Genetic Aspects of Folate Metabolism. <i>Sub-Cellular Biochemistry</i> , 2012, 56, 105-130.	1.0	36
88	Diagnostic Accuracy of Holotranscobalamin, Methylmalonic Acid, Serum Cobalamin, and Other Indicators of Tissue Vitamin B12 Status in the Elderly. <i>Clinical Chemistry</i> , 2011, 57, 856-863.	1.5	105
89	Effects of prenatal fish-oil and 5-methyltetrahydrofolate supplementation on cognitive development of children at 6.5 y of age. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1880-S1888.	2.2	93
90	Bioinformatic and Genetic Association Analysis of MicroRNA Target Sites in One-Carbon Metabolism Genes. <i>PLoS ONE</i> , 2011, 6, e21851.	1.1	65

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91	Evaluation of 64 candidate single nucleotide polymorphisms as risk factors for neural tube defects in a large Irish study population. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 14-21.	0.7	39
92	Maternal folate, vitamin B12 and homocysteine levels in pregnancies affected by congenital malformations other than neural tube defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 610-615.	1.6	14
93	Biomarkers of folate status in NHANES: a roundtable summary. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 303S-312S.	2.2	104
94	Biomarkers of vitamin B-12 status in NHANES: a roundtable summary. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 313S-321S.	2.2	157
95	Women's compliance with current folic acid recommendations and achievement of optimal vitamin status for preventing neural tube defects. <i>Human Reproduction</i> , 2011, 26, 1530-1536.	0.4	60
96	Do high blood folate concentrations exacerbate metabolic abnormalities in people with low vitamin B-12 status?. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 495-500.	2.2	43
97	A dose-finding trial of the effect of long-term folic acid intervention: implications for food fortification policy. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 11-18.	2.2	54
98	Transcobalamin II receptor polymorphisms are associated with increased risk for neural tube defects. <i>Journal of Medical Genetics</i> , 2010, 47, 677-685.	1.5	40
99	Lack of Association between Folate-Receptor Autoantibodies and Neural-Tube Defects. <i>New England Journal of Medicine</i> , 2009, 361, 152-160.	13.9	36
100	The search for genetic polymorphisms in the homocysteine/folate pathway that contribute to the etiology of human neural tube defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2009, 85, 285-294.	1.6	74
101	Maternal Vitamin B12 Status and Risk of Neural Tube Defects in a Population With High Neural Tube Defect Prevalence and No Folic Acid Fortification. <i>Pediatrics</i> , 2009, 123, 917-923.	1.0	248
102	Folateâ€“Vitamin B12 Interrelationships. , 2009, , 381-408.		1
103	Folateâ€“related gene polymorphisms as risk factors for cleft lip and cleft palate. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2008, 82, 636-643.	1.6	76
104	Construction of a high resolution linkage disequilibrium map to evaluate common genetic variation in <i>TP53</i> and neural tube defect risk in an Irish population. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 2617-2625.	0.7	18
105	Effects of Folate and Vitamin B ₁₂ Deficiencies During Pregnancy on Fetal, Infant, and Child Development. <i>Food and Nutrition Bulletin</i> , 2008, 29, S101-S111.	0.5	245
106	Folate and vitamin B ₁₂ status in relation to cognitive impairment and anaemia in the setting of voluntary fortification in the UK. <i>British Journal of Nutrition</i> , 2008, 100, 1054-1059.	1.2	52
107	Evaluation of the uptake of bioactive components from wheat-bran and wheat-aleurone fractions in healthy adults. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	0.4	3
108	Homocysteine concentration, related B vitamins, and betaine in pregnant women recruited to the Seychelles Child Development Study. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 391-397.	2.2	42

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109	Detection of Vitamin B12 Deficiency in Older People by Measuring Vitamin B12 or the Active Fraction of Vitamin B12, Holotranscobalamin. <i>Clinical Chemistry</i> , 2007, 53, 963-970.	1.5	111
110	Longitudinal Study of the Effect of Pregnancy on Maternal and Fetal Cobalamin Status in Healthy Women and Their Offspring. <i>Journal of Nutrition</i> , 2007, 137, 1863-1867.	1.3	92
111	Low vitamin B-12 status and risk of cognitive decline in older adults. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1384-1391.	2.2	171
112	Effect of a voluntary food fortification policy on folate, related B vitamin status, and homocysteine in healthy adults. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1405-1413.	2.2	83
113	The 19-bp deletion polymorphism in intron-1 of dihydrofolate reductase (DHFR) may decrease rather than increase risk for spina bifida in the Irish population. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 1174-1180.	0.7	57
114	Reduced folate carrier polymorphisms and neural tube defect risk. <i>Molecular Genetics and Metabolism</i> , 2006, 87, 364-369.	0.5	43
115	The MTHFR 1298CC and 677TT genotypes have opposite associations with red cell folate levels. <i>Molecular Genetics and Metabolism</i> , 2006, 88, 290-294.	0.5	49
116	Confirmation of the R653Q polymorphism of the trifunctional C1-synthase enzyme as a maternal risk for neural tube defects in the Irish population. <i>European Journal of Human Genetics</i> , 2006, 14, 768-772.	1.4	92
117	Response to Letter Regarding Article, "Riboflavin Lowers Homocysteine in Individuals Homozygous for the MTHFR 677C>T Polymorphism". <i>Circulation</i> , 2006, 114, .	1.6	2
118	Riboflavin Lowers Homocysteine in Individuals Homozygous for the MTHFR 677C>T Polymorphism. <i>Circulation</i> , 2006, 113, 74-80.	1.6	161
119	Evaluation of transcobalamin II polymorphisms as neural tube defect risk factors in an Irish population. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2005, 73, 239-244.	1.6	29
120	MTHFD1 R653Q polymorphism is a maternal genetic risk factor for severe abruptio placentae. <i>American Journal of Medical Genetics, Part A</i> , 2005, 132A, 365-368.	0.7	49
121	Screening for new MTHFR polymorphisms and NTD risk. <i>American Journal of Medical Genetics, Part A</i> , 2005, 138A, 99-106.	0.7	21
122	Choline and homocysteine interrelations in umbilical cord and maternal plasma at delivery. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 836-842.	2.2	87
123	A polymorphism in the MTHFD1 gene increases a mother's risk of having an unexplained second trimester pregnancy loss. <i>Molecular Human Reproduction</i> , 2005, 11, 477-480.	1.3	52
124	Analysis of methionine synthase reductase polymorphisms for neural tube defects risk association. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 220-227.	0.5	57
125	Genetic Variation and Nutritional Requirements. , 2004, 93, 153-163.		8
126	Maternal Homocysteine before Conception and throughout Pregnancy Predicts Fetal Homocysteine and Birth Weight. <i>Clinical Chemistry</i> , 2004, 50, 1406-1412.	1.5	123

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127	Impact of the MTHFR C677T polymorphism on risk of neural tube defects: case-control study. <i>BMJ: British Medical Journal</i> , 2004, 328, 1535-1536.	2.4	111
128	Determining bioavailability of food folates in a controlled intervention study. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 911-918.	2.2	72
129	Folate and homocysteine interrelationships including genetics of the relevant enzymes. <i>Current Opinion in Lipidology</i> , 2004, 15, 49-57.	1.2	31
130	Analysis of the MTHFR 1298A→C and 677C→T polymorphisms as risk factors for neural tube defects. <i>Journal of Human Genetics</i> , 2003, 48, 190-193.	1.1	57
131	Elevated plasma homocysteine in early pregnancy: a risk factor for the development of nonsevere preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 391-394.	0.7	63
132	Polymorphisms within the vitamin B12 dependent methylmalonyl-coA mutase are not risk factors for neural tube defects. <i>Molecular Genetics and Metabolism</i> , 2003, 80, 463-468.	0.5	6
133	Analysis of the human folate receptor 1 gene for an association with neural tube defects. <i>Molecular Genetics and Metabolism</i> , 2003, 79, 129-133.	0.5	23
134	Low-dose folic acid lowers plasma homocysteine levels in women of child-bearing age. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2002, 95, 733-740.	0.2	22
135	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. <i>American Journal of Human Genetics</i> , 2002, 71, 1207-1215.	2.6	217
136	Folate Bioavailability and Health. <i>International Journal for Vitamin and Nutrition Research</i> , 2002, 72, 46-52.	0.6	33
137	Maternal and fetal plasma homocysteine concentrations at birth: The influence of folate, vitamin B12, and the 5,10-methylenetetrahydrofolate reductase 677C→T variant. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 499-503.	0.7	80
138	MTRR and MTHFR polymorphism: Link to Down syndrome?. <i>American Journal of Medical Genetics Part A</i> , 2002, 107, 151-155.	2.4	177
139	Folates and prevention of disease. <i>Public Health Nutrition</i> , 2001, 4, 601-609.	1.1	90
140	The Methylenetetrahydrofolate Reductase (MTHFR) Gene in Colorectal Cancer : Role in Tumor Development and Significance of Allelic Loss in Tumor Progression. <i>International Journal of Gastrointestinal Cancer</i> , 2001, 30, 105-112.	0.4	27
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147	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. <i>American Journal of Human Genetics</i> , 1999, 64, 1045-1055.	2.6	219
148	Methionine Synthase: High-Resolution Mapping of the Human Gene and Evaluation as a Candidate Locus for Neural Tube Defects. <i>Molecular Genetics and Metabolism</i> , 1999, 67, 324-333.	0.5	27
149	Homocysteine, folate enzymes and neural tube defects. <i>Haematologica</i> , 1999, 84 Suppl EHA-4, 53-6.	1.7	1
150	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. <i>American Journal of Medical Genetics Part A</i> , 1998, 78, 155-159.	2.4	79
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