Anne M Molloy

List of Publications by Year
in descending order

160 papers	9,526 citations	34105 52 h-index	40979 93 g-index
162 all docs	162 docs citations	162 times ranked	8756 citing authors

#	Article	IF	Citations
1	Low vitamin B₁₂ but not folate is associated with incident depressive symptoms in community-dwelling older adults: a 4-year longitudinal study. British Journal of Nutrition, 2023, 130, 268-275.	2.3	8
2	Low folate predicts accelerated cognitive decline: 8-year follow-up of 3140 older adults in Ireland. European Journal of Clinical Nutrition, 2022, 76, 950-957.	2.9	7
3	Lowering the risk of autism spectrum disorder with folic acid: can there be too much of a good thing?. American Journal of Clinical Nutrition, 2022, 115, 1268-1269.	4.7	2
4	The genetic landscape of polycystic kidney disease in Ireland. European Journal of Human Genetics, 2021, 29, 827-838.	2.8	11
5	Vitamin D and Hospital Admission in Older Adults: A Prospective Association. Nutrients, 2021, 13, 616.	4.1	5
6	A dihydrofolate reductase 2 (<scp>DHFR2</scp> variant is associated with risk of neural tube defects in an Irish cohort but not in a United Kingdom cohort. American Journal of Medical Genetics, Part A, 2021, 185, 1307-1311.	1.2	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. BMC Medicine, 2021, 19, 73.	5.5	29
8	Folic Acid and Infant Allergy: Avoiding Rash Judgments. Journal of Nutrition, 2021, 151, 1367-1368.	2.9	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. American Journal of Clinical Nutrition, 2021, 114, 1286-1294.	4.7	22
10	Longâ€term anticholinergic, benzodiazepine and Zâ€drug use in communityâ€dwelling older adults: What is the impact on cognitive and neuropsychological performance?. International Journal of Geriatric Psychiatry, 2021, 36, 1767-1777.	2.7	4
11	Glycated haemoglobin (HbA_{1c}), diabetes and neuropsychological performance in communityâ€dwelling older adults. Diabetic Medicine, 2021, 38, e14668.	2.3	1
12	Long-Chain Polyunsaturated Fatty Acids, Homocysteine at Birth and Fatty Acid Desaturase Gene Cluster Polymorphisms Are Associated with Childrenâ€™s Processing Speed up to Age 9 Years. Nutrients, 2021, 13, 131.	4.1	7
13	The relationship between maternal plasma homocysteine in early pregnancy and birth weight. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 3045-3049.	1.5	6
14	Knowledge gaps in understanding the metabolic and clinical effects of excess folates/folic acid: a summary, and perspectives, from an NIH workshop. American Journal of Clinical Nutrition, 2020, 112, 1390-1403.	4.7	95
15	Impact of the common MTHFR 677Câ†'T polymorphism on blood pressure in adulthood and role of riboflavin in modifying the genetic risk of hypertension: evidence from the JINGO project. BMC Medicine, 2020, 18, 318.	5.5	15
16	Adverse effects on cognition caused by combined low vitamin B-12 and high folate statusâ€"we must do better than a definite maybe!. American Journal of Clinical Nutrition, 2020, 112, 1422-1423.	4.7	6
17	Phenylâ€Î³â€valerolactones and healthy ageing: Linking dietary factors, nutrient biomarkers, metabolic status and inflammation with cognition in older adults (the VALID project). Nutrition Bulletin, 2020, 45, 415-423.	1.8	5
18	Plasma concentrations of vitamin B₁₂ and folate and global cognitive function in an older population: cross-sectional findings from The Irish Longitudinal Study on Ageing (TILDA). British Journal of Nutrition, 2020, 124, 602-610.	2.3	14

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19	Identifying Key Predictors of Cognitive Dysfunction in Older People Using Supervised Machine Learning Techniques: Observational Study. JMIR Medical Informatics, 2020, 8, e20995.	2.6	6
20	Vitamin D Status Is Not Associated With Orthostatic Hypotension in Older Adults. Hypertension, 2019, 74, 639-644.	2.7	9
21	Assessing the genetic association between vitamin B6 metabolism and genetic generalized epilepsy. Molecular Genetics and Metabolism Reports, 2019, 21, 100518.	1.1	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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.5	43
23	Hyperglycemia and Metformin Use Are Associated With B Vitamin Deficiency and Cognitive Dysfunction in Older Adults. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4837-4847.	3.6	46
24	B-vitamins in Relation to Depression in Older Adults Over 60ÂYears of Age: The Trinity Ulster Department of Agriculture (TUDA) Cohort Study. Journal of the American Medical Directors Association, 2019, 20, 551-557.e1.	2.5	40
25	Do the benefits of folic acid fortification outweigh the risk of masking vitamin B₁₂deficiency?. BMJ: British Medical Journal, 2018, 360, k724.	2.3	27
26	Effect of Areaâ€Level Socioeconomic Deprivation on Risk of Cognitive Dysfunction in Older Adults. Journal of the American Geriatrics Society, 2018, 66, 1269-1275.	2.6	42
27	Should vitamin B₁₂ status be considered in assessing risk of neural tube defects?. Annals of the New York Academy of Sciences, 2018, 1414, 109-125.	3.8	48
28	Lifestyle, metabolite, and genetic determinants of formate concentrations in a cross-sectional study in young, healthy adults. American Journal of Clinical Nutrition, 2018, 107, 345-354.	4.7	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). Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 519-525.	3.6	73
30	High folate status is positively associated with cognitive function, irrespective of B12 status. Findings from The Irish Longitudinal Study on Ageing (TILDA). Proceedings of the Nutrition Society, 2018, 77, .	1.0	0
31	260The Impact of Area Based Socioeconomic Deprivation on Osteoporosis. Age and Ageing, 2018, 47, v1-v12.	1.6	1
32	210Low Vitamin B12 and High Folate Status - Cause for Concern? Findings from The Irish Longitudinal Study on Ageing (TILDA). Age and Ageing, 2018, 47, v13-v60.	1.6	0
33	Folate and vitamin B12 levels in early pregnancy and maternal obesity. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 231, 80-84.	1.1	30
34	269B-Vitamin Biomarker Status - Predictors of Cognitive Function and Decline in Older Adults Over A 5-year Follow-up: The TUDA Study. Age and Ageing, 2018, 47, v13-v60.	1.6	0
35	The 677Câ†'T variant of MTHFR is the major genetic modifier of biomarkers of folate status in a young, healthy Irish population. American Journal of Clinical Nutrition, 2018, 108, 1334-1341.	4.7	18
36	Voluntary fortification is ineffective to maintain the vitamin B₁₂and folate status of older Irish adults: evidence from the Irish Longitudinal Study on Ageing (TILDA). British Journal of Nutrition, 2018, 120, 111-120.	2.3	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. British Journal of Nutrition, 2018, 120, 517-527.	2.3	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. BMJ Open, 2018, 8, e021721.	1.9	4
39	Mice lacking the transcobalamin-vitamin B12 receptor, CD320, suffer from anemia and reproductive deficits when fed vitamin B12-deficient diet. Human Molecular Genetics, 2018, 27, 3627-3640.	2.9	16
40	Fortifying food with folic acid to prevent neural tube defects: are we now where we ought to be?. American Journal of Clinical Nutrition, 2018, 107, 857-858.	4.7	3
41	The impact of common genetic variants in the mitochondrial glycine cleavage system on relevant metabolites. Molecular Genetics and Metabolism Reports, 2018, 16, 20-22.	1.1	6
42	Greater yogurt consumption is associated with increased bone mineral density and physical function in older adults. Osteoporosis International, 2017, 28, 2409-2419.	3.1	53
43	Genetic Risk Factors for Folate-Responsive Neural Tube Defects. Annual Review of Nutrition, 2017, 37, 269-291.	10.1	38
44	Ambient UVB Dose and Sun Enjoyment Are Important Predictors of Vitamin D Status in an Older Population. Journal of Nutrition, 2017, 147, 858-868.	2.9	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. Human Molecular Genetics, 2017, 26, 4975-4988.	2.9	16
46	The Irish DNA Atlas: Revealing Fine-Scale Population Structure and History within Ireland. Scientific Reports, 2017, 7, 17199.	3.3	29
47	Vitamin B12 deficiency. Nature Reviews Disease Primers, 2017, 3, 17040.	30.5	543
48	Variations in vitamin B12 and folate balance: implications for cognitive function? Findings from The Irish Longitudinal Study on Ageing (TILDA). Proceedings of the Nutrition Society, 2017, 76, .	1.0	0
49	Optimization of folic acid supplementation in the prevention of neural tube defects. Journal of Public Health, 2017, 40, 1-8.	1.8	10
50	B-Vitamin Intake and Biomarker Status in Relation to Cognitive Decline in Healthy Older Adults in a 4-Year Follow-Up Study. Nutrients, 2017, 9, 53.	4.1	58
51	Dairy intakes in older Irish adults and effects on vitamin micronutrient status: Data from the TUDA study. Proceedings of the Nutrition Society, 2016, 75, .	1.0	0
52	Vitamin B12 and vitamin D status of older Irish adults: Preliminary results from the BIO-TILDA Study. Proceedings of the Nutrition Society, 2016, 75, .	1.0	0
53	Association of a transcobalamin II genetic variant with falsely low results for the holotranscobalamin immunoassay. European Journal of Clinical Investigation, 2016, 46, 434-439.	3.4	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. Journal of Nutrition, 2016, 146, 933-939.	2.9	20

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55	A Common Polymorphism in HIBCH Influences Methylmalonic Acid Concentrations in Blood Independently of Cobalamin. American Journal of Human Genetics, 2016, 98, 869-882.	6.2	43
56	The Frontal Assessment Battery. Journal of Geriatric Psychiatry and Neurology, 2016, 29, 338-343.	2.3	21
57	Serum Immune System Biomarkers Neopterin and Interleukin-10 Are Strongly Related to Tryptophan Metabolism in Healthy Young Adults. Journal of Nutrition, 2016, 146, 1801-1806.	2.9	17
58	Genomeâ€wide studies of von Willebrand factor propeptide identify loci contributing to variation in propeptide levels and von Willebrand factor clearance. Journal of Thrombosis and Haemostasis, 2016, 14, 1888-1898.	3.8	13
59	Evaluation of protonâ€coupled folate transporter (SLC46A1) polymorphisms as risk factors for neural tube defects and oral clefts. American Journal of Medical Genetics, Part A, 2016, 170, 1007-1016.	1.2	7
60	r2VIM: A new variable selection method for random forests in genome-wide association studies. BioData Mining, 2016, 9, 7.	4.0	53
61	Synthetic folic acid intakes and status in children living in Ireland exposed to voluntary fortification. American Journal of Clinical Nutrition, 2016, 103, 512-518.	4.7	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. Journal of Nutrition, 2016, 146, 494-500.	2.9	30
63	Common Polymorphisms That Affect Folate Transport or Metabolism Modify the Effect of the MTHFR 677C > T Polymorphism on Folate Status. Journal of Nutrition, 2016, 146, 1-8.	2.9	31
64	Tryptophan Catabolism and Vitamin B-6 Status Are Affected by Gender and Lifestyle Factors in Healthy Young Adults. Journal of Nutrition, 2015, 145, 701-707.	2.9	37
65	Biomarkers of Nutrition for Developmentâ€"Folate Review. Journal of Nutrition, 2015, 145, 1636S-1680S.	2.9	570
66	Common Variants at Putative Regulatory Sites of the Tissue Nonspecific Alkaline Phosphatase Gene Influence Circulating Pyridoxal 5â€²-Phosphate Concentration in Healthy Adults. Journal of Nutrition, 2015, 145, 1386-1393.	2.9	19
67	Impact of voluntary fortification and supplement use on dietary intakes and biomarker status of folate and vitamin B-12 in Irish adults. American Journal of Clinical Nutrition, 2015, 101, 1163-1172.	4.7	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. British Journal of Nutrition, 2015, 113, 445-453.	2.3	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. Journal of Nutrition, 2015, 145, 2207-2211.	2.9	6
70	Determinants of 25-hydroxyvitamin D in older Irish adults. Age and Ageing, 2015, 44, 847-853.	1.6	42
71	Replication and exploratory analysis of 24 candidate risk polymorphisms for neural tube defects. BMC Medical Genetics, 2014, 15, 102.	2.1	11
72	Riboflavin status modifies the effects of methylenetetrahydrofolate reductase (MTHFR) and methionine synthase reductase (MTRR) polymorphisms on homocysteine. Genes and Nutrition, 2014, 9, 435.	2.5	28

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73	Maternal choline concentrations during pregnancy and choline-related genetic variants as risk factors for neural tube defects. American Journal of Clinical Nutrition, 2014, 100, 1069-1074.	4.7	26
74	Vitamin D Deficiency Is Associated With Inflammation in Older Irish Adults. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1807-1815.	3.6	163
75	Is low iron status a risk factor for neural tube defects?. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 100-106.	1.6	10
76	Guidelines for the diagnosis and treatment of cobalamin and folate disorders. British Journal of Haematology, 2014, 166, 496-513.	2.5	306
77	Genetic variants in PLG, LPA, and SIGLEC 14 as well as smoking contribute to plasma plasminogen levels. Blood, 2014, 124, 3155-3164.	1.4	20
78	Population red blood cell folate concentrations for prevention of neural tube defects: bayesian model. BMJ, The, 2014, 349, g4554-g4554.	6.0	153
79	Determining diagnostic markers of vitamin B12 status in older adults- Data from the Trinity Ulster Department of Agriculture Ageing cohort study. Proceedings of the Nutrition Society, 2014, 73, .	1.0	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. Proceedings of the Nutrition Society, 2014, 73, .	1.0	3
81	Reply to SW Dâ€™Souza et al. American Journal of Clinical Nutrition, 2013, 98, 1598-1599.	4.7	1
82	Linkage analysis identifies a locus for plasma von Willebrand factor undetected by genome-wide association. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 588-593.	7.1	85
83	Is Vitamin B12 status a risk factor for falling in older adults (>60 yrs)?. Proceedings of the Nutrition Society, 2013, 72, .	1.0	0
84	Formate can differentiate between hyperhomocysteinemia due to impaired remethylation and impaired transsulfuration. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E61-E67.	3.5	33
85	Papers from the 7th International Neural Tube Defects Conference. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 747-748.	1.6	3
86	Evaluation of common genetic variants in 82 candidate genes as risk factors for neural tube defects. BMC Medical Genetics, 2012, 13, 62.	2.1	66
87	Genetic Aspects of Folate Metabolism. Sub-Cellular Biochemistry, 2012, 56, 105-130.	2.4	36
88	Diagnostic Accuracy of Holotranscobalamin, Methylmalonic Acid, Serum Cobalamin, and Other Indicators of Tissue Vitamin B12 Status in the Elderly. Clinical Chemistry, 2011, 57, 856-863.	3.2	105
89	Effects of prenatal fish-oil and 5-methyltetrahydrofolate supplementation on cognitive development of children at 6.5 y of age. American Journal of Clinical Nutrition, 2011, 94, S1880-S1888.	4.7	93
90	Bioinformatic and Genetic Association Analysis of MicroRNA Target Sites in One-Carbon Metabolism Genes. PLoS ONE, 2011, 6, e21851.	2.5	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. American Journal of Medical Genetics, Part A, 2011, 155, 14-21.	1.2	39
92	Maternal folate, vitamin B12 and homocysteine levels in pregnancies affected by congenital malformations other than neural tube defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 610-615.	1.6	14
93	Biomarkers of folate status in NHANES: a roundtable summary. American Journal of Clinical Nutrition, 2011, 94, 303S-312S.	4.7	104
94	Biomarkers of vitamin B-12 status in NHANES: a roundtable summary. American Journal of Clinical Nutrition, 2011, 94, 313S-321S.	4.7	157
95	Women's compliance with current folic acid recommendations and achievement of optimal vitamin status for preventing neural tube defects. Human Reproduction, 2011, 26, 1530-1536.	0.9	60
96	Do high blood folate concentrations exacerbate metabolic abnormalities in people with low vitamin B-12 status?. American Journal of Clinical Nutrition, 2011, 94, 495-500.	4.7	43
97	A dose-finding trial of the effect of long-term folic acid intervention: implications for food fortification policy. American Journal of Clinical Nutrition, 2011, 93, 11-18.	4.7	54
98	Transcobalamin II receptor polymorphisms are associated with increased risk for neural tube defects. Journal of Medical Genetics, 2010, 47, 677-685.	3.2	40
99	Lack of Association between Folate-Receptor Autoantibodies and Neural-Tube Defects. New England Journal of Medicine, 2009, 361, 152-160.	27.0	36
100	The search for genetic polymorphisms in the homocysteine/folate pathway that contribute to the etiology of human neural tube defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 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. Pediatrics, 2009, 123, 917-923.	2.1	248
102	Folateâ€“Vitamin B12 Interrelationships. , 2009, , 381-408.		1
103	Folateâ€related gene polymorphisms as risk factors for cleft lip and cleft palate. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 636-643.	1.6	76
104	Construction of a high resolution linkage disequilibrium map to evaluate common genetic variation inTP53and neural tube defect risk in an Irish population. American Journal of Medical Genetics, Part A, 2008, 146A, 2617-2625.	1.2	18
105	Effects of Folate and Vitamin B₁₂ Deficiencies During Pregnancy on Fetal, Infant, and Child Development. Food and Nutrition Bulletin, 2008, 29, S101-S111.	1.4	245
106	Folate and vitamin B₁₂status in relation to cognitive impairment and anaemia in the setting of voluntary fortification in the UK. British Journal of Nutrition, 2008, 100, 1054-1059.	2.3	52
107	Evaluation of the uptake of bioactive components from wheat-bran and wheat-aleurone fractions in healthy adults. Proceedings of the Nutrition Society, 2008, 67, .	1.0	3
108	Homocysteine concentration, related B vitamins, and betaine in pregnant women recruited to the Seychelles Child Development Study. American Journal of Clinical Nutrition, 2008, 87, 391-397.	4.7	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. Clinical Chemistry, 2007, 53, 963-970.	3.2	111
110	Longitudinal Study of the Effect of Pregnancy on Maternal and Fetal Cobalamin Status in Healthy Women and Their Offspring. Journal of Nutrition, 2007, 137, 1863-1867.	2.9	92
111	Low vitamin B-12 status and risk of cognitive decline in older adults. American Journal of Clinical Nutrition, 2007, 86, 1384-1391.	4.7	171
112	Effect of a voluntary food fortification policy on folate, related B vitamin status, and homocysteine in healthy adults. American Journal of Clinical Nutrition, 2007, 86, 1405-1413.	4.7	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. American Journal of Medical Genetics, Part A, 2007, 143A, 1174-1180.	1.2	57
114	Reduced folate carrier polymorphisms and neural tube defect risk. Molecular Genetics and Metabolism, 2006, 87, 364-369.	1.1	43
115	The MTHFR 1298CC and 677TT genotypes have opposite associations with red cell folate levels. Molecular Genetics and Metabolism, 2006, 88, 290-294.	1.1	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. European Journal of Human Genetics, 2006, 14, 768-772.	2.8	92
117	Response to Letter Regarding Article, â€œRiboflavin Lowers Homocysteine in Individuals Homozygous for the MTHFR 677Câ†'T Polymorphismâ€• Circulation, 2006, 114, .	1.6	2
118	Riboflavin Lowers Homocysteine in Individuals Homozygous for theMTHFR677Câ†'T Polymorphism. Circulation, 2006, 113, 74-80.	1.6	161
119	Evaluation of transcobalamin II polymorphisms as neural tube defect risk factors in an Irish population. Birth Defects Research Part A: Clinical and Molecular Teratology, 2005, 73, 239-244.	1.6	29
120	MTHFD1 R653Q polymorphism is a maternal genetic risk factor for severe abruptio placentae. American Journal of Medical Genetics, Part A, 2005, 132A, 365-368.	1.2	49
121	Screening for newMTHFR polymorphisms and NTD risk. American Journal of Medical Genetics, Part A, 2005, 138A, 99-106.	1.2	21
122	Choline and homocysteine interrelations in umbilical cord and maternal plasma at delivery. American Journal of Clinical Nutrition, 2005, 82, 836-842.	4.7	87
123	A polymorphism in the MTHFD1 gene increases a motherâ€™s risk of having an unexplained second trimester pregnancy loss. Molecular Human Reproduction, 2005, 11, 477-480.	2.8	52
124	Analysis of methionine synthase reductase polymorphisms for neural tube defects risk association. Molecular Genetics and Metabolism, 2005, 85, 220-227.	1.1	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. Clinical Chemistry, 2004, 50, 1406-1412.	3.2	123

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127	Impact of the MTHFR C677T polymorphism on risk of neural tube defects: case-control study. BMJ: British Medical Journal, 2004, 328, 1535-1536.	2.3	111
128	Determining bioavailability of food folates in a controlled intervention study. American Journal of Clinical Nutrition, 2004, 80, 911-918.	4.7	72
129	Folate and homocysteine interrelationships including genetics of the relevant enzymes. Current Opinion in Lipidology, 2004, 15, 49-57.	2.7	31
130	Analysis of the MTHFR 1298Aâ†'C and 677Câ†'T polymorphisms as risk factors for neural tube defects. Journal of Human Genetics, 2003, 48, 190-193.	2.3	57
131	Elevated plasma homocysteine in early pregnancy: a risk factor for the development of nonsevere preeclampsia. American Journal of Obstetrics and Gynecology, 2003, 189, 391-394.	1.3	63
132	Polymorphisms within the vitamin B12 dependent methylmalonyl-coA mutase are not risk factors for neural tube defects. Molecular Genetics and Metabolism, 2003, 80, 463-468.	1.1	6
133	Analysis of the human folate receptor Î² gene for an association with neural tube defects. Molecular Genetics and Metabolism, 2003, 79, 129-133.	1.1	23
134	Low-dose folic acid lowers plasma homocysteine levels in women of child-bearing age. QJM - Monthly Journal of the Association of Physicians, 2002, 95, 733-740.	0.5	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. American Journal of Human Genetics, 2002, 71, 1207-1215.	6.2	217
136	Folate Bioavailability and Health. International Journal for Vitamin and Nutrition Research, 2002, 72, 46-52.	1.5	33
137	Maternal and fetal plasma homocysteine concentrations at birth: The influence of folate, vitamin B12, and the 5,10-methylenetetrahydrofolate reductase 677Câ†'T variant. American Journal of Obstetrics and Gynecology, 2002, 186, 499-503.	1.3	80
138	MTRR and MTHFR polymorphism: Link to Down syndrome?. American Journal of Medical Genetics Part A, 2002, 107, 151-155.	2.4	177
139	Folates and prevention of disease. Public Health Nutrition, 2001, 4, 601-609.	2.2	90
140	The Methylenetetrahydrofolate Reductase (MTHFR) Gene in Colorectal Cancer : Role in Tumor Development and Significance of Allelic Loss in Tumor Progression. International Journal of Gastrointestinal Cancer, 2001, 30, 105-112.	0.4	27
141	Elevated plasma homocysteine in early pregnancy: A risk factor for the development of severe preeclampsia. American Journal of Obstetrics and Gynecology, 2001, 185, 781-785.	1.3	142
142	Role of Genetic Variation in Establishing Nutritional Requirements: Folate, a Case in Point. , 2001, 89, 68-75.		4
143	Microvascular disease and dementia in the elderly: are they related to hyperhomocysteinemia?. American Journal of Clinical Nutrition, 2000, 71, 859-860.	4.7	24
144	Is impaired folate absorption a factor in neural tube defects?. American Journal of Clinical Nutrition, 2000, 72, 3-4.	4.7	13

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145	Folate status and neural tube defects. BioFactors, 1999, 10, 291-294.	5.4	43
146	Methylenetetrahydrofolate reductase thermolabile variant and oral clefts. American Journal of Medical Genetics Part A, 1999, 86, 71-74.	2.4	125
147	The â€œThermolabileâ€•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. American Journal of Human Genetics, 1999, 64, 1045-1055.	6.2	219
148	Methionine Synthase: High-Resolution Mapping of the Human Gene and Evaluation as a Candidate Locus for Neural Tube Defects. Molecular Genetics and Metabolism, 1999, 67, 324-333.	1.1	27
149	Homocysteine, folate enzymes and neural tube defects. Haematologica, 1999, 84 Suppl EHA-4, 53-6.	3.5	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. American Journal of Medical Genetics Part A, 1998, 78, 155-159.	2.4	79
151	Whole-Blood Folate Values in Subjects with Different Methylenetetrahydrofolate Reductase Genotypes: Differences Between the Radioassay and Microbiological Assays. Clinical Chemistry, 1998, 44, 186-188.	3.2	53
152	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. American Journal of Medical Genetics Part A, 1998, 78, 155-9.	2.4	20
153	Microbiological assay for serum, plasma, and red cell folate using cryopreserved, microtiter plate method. Methods in Enzymology, 1997, 281, 43-53.	1.0	371
154	Thermolabile variant of 5, 10-methylenetetrahydrofolate reductaseassociated with low red-cell folates: implications for folate intake recommendations. Lancet, The, 1997, 349, 1591-1593.	13.7	316
155	Minimum effective dose of folic acid for food fortification to prevent neural-tube defects. Lancet, The, 1997, 350, 1666-1669.	13.7	255
156	A genetic defect in 5,10 methylenetetrahydrofolate reductase in neural tube defects. QJM - Monthly Journal of the Association of Physicians, 1995, 88, 763-6.	0.5	112
157	Maternal plasma folate and vitamin B12 are independent risk factors for neural tube defects. The Quarterly Journal of Medicine, 1993, 86, 703-8.	1.0	261
158	The relationship between the activity of methionine synthase and the ratio of S-adenosylmethionine to S-adenosylhomocysteine in the brain and other tissues of the pig. Biochemical Pharmacology, 1992, 44, 1349-1355.	4.4	22
159	A new high performance liquid chromatographic method for the simultaneous measurement ofS-adenosylmethionine andS-adenosylhomocysteine concentrations in pig tissues after inactivation of methionine synthase by nitrous oxide. Biomedical Chromatography, 1990, 4, 257-260.	1.7	42
160	Maternal serum folate and vitamin B12 concentrations in pregnancies associated with neural tube defects.. Archives of Disease in Childhood, 1985, 60, 660-665.	1.9	79