

Per Magne Ueland

List of Publications by Year in Descending Order

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

584
papers

36,641
citations

91
h-index

172
g-index

600
ext. papers

40,456
ext. citations

6.1
avg, IF

7.06
L-index

#	Paper	IF	Citations
584	Amino acid intake and plasma concentrations and their interplay with gut microbiota in vegans and omnivores in Germany.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	2
583	Severe Hyperhomocysteinemia in a Patient with Parkinson Disease.. <i>Clinical Chemistry</i> , 2022 , 68, 396-401	5.5	0
582	Within-person reproducibility of proteoforms related to inflammation and renal dysfunction.. <i>Scientific Reports</i> , 2022 , 12, 7426	4.9	0
581	A prospective study of pre-diagnostic circulating tryptophan and kynurenine, and the kynurenine/tryptophan ratio and risk of glioma. <i>Cancer Epidemiology</i> , 2021 , 76, 102075	2.8	2
580	Circulating B-vitamin biomarkers and B-vitamin supplement use in relation to quality of life in patients with colorectal cancer: results from the FOCUS consortium. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1468-1481	7	2
579	Maternal Vitamin B Status and Risk of Cleft Lip and Cleft Palate Birth Defects in Tamil Nadu State, India. <i>Cleft Palate-Craniofacial Journal</i> , 2021 , 58, 567-576	1.9	3
578	Pre-diagnostic circulating concentrations of fat-soluble vitamins and risk of glioma in three cohort studies. <i>Scientific Reports</i> , 2021 , 11, 9318	4.9	2
577	A comparison of complementary measures of vitamin B6 status, function, and metabolism in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 338-347	7	1
576	Altered Gut Microbial Metabolism of Essential Nutrients in Primary Sclerosing Cholangitis. <i>Gastroenterology</i> , 2021 , 160, 1784-1798.e0	13.3	17
575	Biomarkers and Fatty Fish Intake: A Randomized Controlled Trial in Norwegian Preschool Children. <i>Journal of Nutrition</i> , 2021 , 151, 2134-2141	4.1	1
574	Quantifying Precision Loss in Targeted Metabolomics Based on Mass Spectrometry and Nonmatching Internal Standards. <i>Analytical Chemistry</i> , 2021 , 93, 7616-7624	7.8	2
573	Alterations in the Kynurenine Pathway of Tryptophan Metabolism Are Associated With Depression in People Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 87, e177-e181	3.1	0
572	Association of markers of inflammation, the kynurenine pathway and B vitamins with age and mortality, and a signature of inflammaging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 ,	6.4	7
571	Circulating tryptophan metabolites and risk of colon cancer: Results from case-control and prospective cohort studies. <i>International Journal of Cancer</i> , 2021 , 149, 1659-1669	7.5	4
570	Microheterogeneity and preanalytical stability of protein biomarkers of inflammation and renal function. <i>Talanta</i> , 2021 , 223, 121774	6.2	2
569	Effects of high intake of cod or salmon on gut microbiota profile, faecal output and serum concentrations of lipids and bile acids in overweight adults: a randomised clinical trial. <i>European Journal of Nutrition</i> , 2021 , 60, 2231-2248	5.2	3
568	Associations of neopterin and kynurenine-tryptophan ratio with survival in primary sclerosing cholangitis. <i>Scandinavian Journal of Gastroenterology</i> , 2021 , 56, 443-452	2.4	4

567	Vegan Diet and Bone Health-Results from the Cross-Sectional RBVD Study. <i>Nutrients</i> , 2021 , 13,	6.7	12
566	Effect of high intake of cod or salmon on serum total neopterin concentration: a randomised clinical trial. <i>European Journal of Nutrition</i> , 2021 , 60, 3237-3248	5.2	2
565	The Kynurenine Pathway Is Upregulated by Methyl-deficient Diet and Changes Are Averted by Probiotics. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100078	5.9	1
564	Epidemiology of 40 blood biomarkers of one-carbon metabolism, vitamin status, inflammation, and renal and endothelial function among cancer-free older adults. <i>Scientific Reports</i> , 2021 , 11, 13805	4.9	1
563	Inflammation-Related Marker Profiling of Dietary Patterns and All-cause Mortality in the Melbourne Collaborative Cohort Study. <i>Journal of Nutrition</i> , 2021 , 151, 2908-2916	4.1	2
562	Baked cod consumption delayed the development of kidney and liver dysfunction and affected plasma amino acid concentrations, but did not affect blood pressure, blood glucose or liver triacylglycerol concentrations in obese fa/fa Zucker rats. <i>Nutrition Research</i> , 2021 , 92, 72-83	4	0
561	Serum tyrosine is associated with better cognition in Lewy body dementia. <i>Brain Research</i> , 2021 , 1765, 147481	3.7	0
560	Associations between plasma kynurenines and cognitive function in individuals with normal glucose metabolism, prediabetes and type 2 diabetes: the Maastricht Study. <i>Diabetologia</i> , 2021 , 64, 2445-2457	10.3	3
559	Combined Supplementation with Vitamin B-6 and Curcumin is Superior to Either Agent Alone in Suppressing Obesity-Promoted Colorectal Tumorigenesis in Mice. <i>Journal of Nutrition</i> , 2021 , 151, 3678-3688	4.1	1
558	Cobalamin and folate status in women during early pregnancy in Bhaktapur, Nepal. <i>Journal of Nutritional Science</i> , 2021 , 10, e57	2.7	
557	One-Carbon Metabolism in Nepalese Infant-Mother Pairs and Child Cognition at 5 Years Old. <i>Journal of Nutrition</i> , 2021 , 151, 883-891	4.1	2
556	Abdominal Adipose Tissue Is Associated With Alterations in Tryptophan-Kynurenine Metabolism and Markers of Systemic Inflammation in People With Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 2020 , 221, 419-427	7	6
555	Correlations of plasma kynurenines with CSF levels, and their relation to markers of Alzheimer's disease pathology, diagnostic phases and cognitive performance. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041474	1.2	
554	Association of Plasma Total Cysteine and Anthropometric Status in 6-30 Months Old Indian Children. <i>Nutrients</i> , 2020 , 12,	6.7	1
553	Circulating unmetabolized folic acid and 5-methyltetrahydrofolate and risk of breast cancer: a nested case-control study. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 1306-1315	5.2	2
552	Dietary Intake and Biomarkers of Folate and Cobalamin Status in Norwegian Preschool Children: The FINS-KIDS Study. <i>Journal of Nutrition</i> , 2020 , 150, 1852-1858	4.1	6
551	No associations between microbiota signalling substances and cognitive, language and motor development among three-year-old rural Ugandan children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020 , 109, 2339-2341	3.1	1
550	Lipid parameters and vitamin A modify cardiovascular risk prediction by plasma neopterin. <i>Heart</i> , 2020 , 106, 1073-1079	5.1	3

549	Transsulfuration metabolites and the association with incident atrial fibrillation - An observational cohort study among Norwegian patients with stable angina pectoris. <i>International Journal of Cardiology</i> , 2020 , 317, 75-80	3.2	2
548	Effect of Cod Residual Protein Supplementation on Markers of Glucose Regulation in Lean Adults: A Randomized Double-Blind Study. <i>Nutrients</i> , 2020 , 12,	6.7	1
547	Metabolomics profiling of visceral and abdominal subcutaneous adipose tissue in colorectal cancer patients: results from the ColoCare study. <i>Cancer Causes and Control</i> , 2020 , 31, 723-735	2.8	4
546	Relationship of Cerebrospinal Fluid Vitamin B12 Status Markers With Parkinson's Disease Progression. <i>Movement Disorders</i> , 2020 , 35, 1466-1471	7	7
545	Homocysteine, the methylenetetrahydrofolate reductase 677C>T polymorphism and hypertension: effect modifiers by lifestyle factors and population subgroups. <i>British Journal of Nutrition</i> , 2020 , 1-11	3.6	2
544	Elevated plasma cotinine is associated with an increased risk of developing IBD, especially among users of combusted tobacco. <i>PLoS ONE</i> , 2020 , 15, e0235536	3.7	2
543	3-Hydroxyisobutyrate, A Strong Marker of Insulin Resistance in Type 2 Diabetes and Obesity That Modulates White and Brown Adipocyte Metabolism. <i>Diabetes</i> , 2020 , 69, 1903-1916	0.9	20
542	One-carbon metabolites, B vitamins and associations with systemic inflammation and angiogenesis biomarkers among colorectal cancer patients: results from the ColoCare Study. <i>British Journal of Nutrition</i> , 2020 , 123, 1187-1200	3.6	3
541	Moderately elevated first trimester fasting plasma total homocysteine is associated with increased probability of miscarriage. The Reus-Tarragona Birth Cohort Study. <i>Biochimie</i> , 2020 , 173, 62-67	4.6	0
540	Maternal blood folate status during early pregnancy and occurrence of autism spectrum disorder in offspring: a study of 62 serum biomarkers. <i>Molecular Autism</i> , 2020 , 11, 7	6.5	18
539	Metabolic analysis of amino acids and vitamin B6 pathways in lymphoma survivors with cancer related chronic fatigue. <i>PLoS ONE</i> , 2020 , 15, e0227384	3.7	4
538	A prospective evaluation of serum methionine-related metabolites in relation to pancreatic cancer risk in two prospective cohort studies. <i>International Journal of Cancer</i> , 2020 , 147, 1917-1927	7.5	7
537	Circulating trimethyllysine and risk of acute myocardial infarction in patients with suspected stable coronary heart disease. <i>Journal of Internal Medicine</i> , 2020 , 288, 446-456	10.8	6
536	Effects of vitamin B12 supplementation on neurodevelopment and growth in Nepalese Infants: A randomized controlled trial. <i>PLoS Medicine</i> , 2020 , 17, e1003430	11.6	8
535	Dietary choline is related to increased risk of acute myocardial infarction in patients with stable angina pectoris. <i>Biochimie</i> , 2020 , 173, 68-75	4.6	4
534	Plasma metabolites associated with colorectal cancer stage: Findings from an international consortium. <i>International Journal of Cancer</i> , 2020 , 146, 3256-3266	7.5	8
533	Components of the choline oxidation pathway modify the association between the apolipoprotein β gene variant and cognitive decline in patients with dementia. <i>Brain Research</i> , 2020 , 1726, 146519	3.7	2
532	Plasma kynurenines and prognosis in patients with heart failure. <i>PLoS ONE</i> , 2020 , 15, e0227365	3.7	11

531	Five salmon dinners per week were not sufficient to prevent the reduction in serum vitamin D in autumn at 60° north latitude: a randomised trial. <i>British Journal of Nutrition</i> , 2020 , 123, 419-427	3.6	5
530	Circulating Folate and Folic Acid Concentrations: Associations With Colorectal Cancer Recurrence and Survival. <i>JNCI Cancer Spectrum</i> , 2020 , 4, pkaa051	4.6	1
529	Association of Maternal Plasma Total Cysteine and Growth among Infants in Nepal: A Cohort Study. <i>Nutrients</i> , 2020 , 12,	6.7	3
528	Multi-omics Analysis Reveals Adipose-tumor Crosstalk in Patients with Colorectal Cancer. <i>Cancer Prevention Research</i> , 2020 , 13, 817-828	3.2	6
527	Effects of low doses of fish and milk proteins on glucose regulation and markers of insulin sensitivity in overweight adults: a randomised, double blind study. <i>European Journal of Nutrition</i> , 2020 , 59, 1013-1029	5.2	14
526	Tryptophan catabolites as metabolic markers of vitamin B-6 status evaluated in cohorts of healthy adults and cardiovascular patients. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 178-186	7	13
525	TMAO, creatine and 1-methylhistidine in serum and urine are potential biomarkers of cod and salmon intake: a randomised clinical trial in adults with overweight or obesity. <i>European Journal of Nutrition</i> , 2020 , 59, 2249-2259	5.2	14
524	Circulating markers of cellular immune activation in prediagnostic blood sample and lung cancer risk in the Lung Cancer Cohort Consortium (LC3). <i>International Journal of Cancer</i> , 2020 , 146, 2394-2405	7.5	8
523	Creatinine, total cysteine and uric acid are associated with serum retinol in patients with cardiovascular disease. <i>European Journal of Nutrition</i> , 2020 , 59, 2383-2393	5.2	4
522	Urinary Cotinine Is as Good a Biomarker as Serum Cotinine for Cigarette Smoking Exposure and Lung Cancer Risk Prediction. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 127-132	4	12
521	Acinar adipose tissue infiltration in salivary gland biopsy is associated with kynurenines-Interferon- γ pathway inflammation biomarkers. <i>Clinical and Experimental Rheumatology</i> , 2020 , 38 Suppl 126, 27-33	2.2	3
520	Elevated plasma cotinine is associated with an increased risk of developing IBD, especially among users of combusted tobacco 2020 , 15, e0235536		
519	Elevated plasma cotinine is associated with an increased risk of developing IBD, especially among users of combusted tobacco 2020 , 15, e0235536		
518	Elevated plasma cotinine is associated with an increased risk of developing IBD, especially among users of combusted tobacco 2020 , 15, e0235536		
517	Plasma metabolites associated with colorectal cancer: A discovery-replication strategy. <i>International Journal of Cancer</i> , 2019 , 145, 1221-1231	7.5	22
516	Exercise-mediated improvement of depression in patients with gastro-esophageal junction cancer is linked to kynurenine metabolism. <i>Acta Oncologica</i> , 2019 , 58, 579-587	3.2	15
515	Vitamin B6 catabolism and lung cancer risk: results from the Lung Cancer Cohort Consortium (LC3). <i>Annals of Oncology</i> , 2019 , 30, 478-485	10.3	8
514	The effect of electroconvulsive therapy (ECT) on serum tryptophan metabolites. <i>Brain Stimulation</i> , 2019 , 12, 1135-1142	5.1	9

513	Elevated plasma cystathionine is associated with increased risk of mortality among patients with suspected or established coronary heart disease. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1546-1554	7.5	6
512	Smoking in pregnancy, cord blood cotinine and risk of celiac disease diagnosis in offspring. <i>European Journal of Epidemiology</i> , 2019 , 34, 637-649	12.1	5
511	Vitamin B-6 Status Correlates with Disease Activity in Rheumatoid Arthritis Patients During Treatment with TNF Inhibitors. <i>Journal of Nutrition</i> , 2019 , 149, 770-775	4.1	5
510	Plasma Amino Acids and Incident Type 2 Diabetes in Patients With Coronary Artery Disease. <i>Diabetes Care</i> , 2019 , 42, 1225-1233	14.6	7
509	Using metabolic profiling and gene expression analyses to explore molecular effects of replacing saturated fat with polyunsaturated fat—a randomized controlled dietary intervention study. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1239-1250	7	17
508	One-carbon metabolite ratios as functional B-vitamin markers and in relation to colorectal cancer risk. <i>International Journal of Cancer</i> , 2019 , 144, 947-956	7.5	4
507	Urine and plasma concentrations of amino acids and plasma vitamin status differ, and are differently affected by salmon intake, in obese Zucker fa/fa rats with impaired kidney function and in Long-Evans rats with healthy kidneys. <i>British Journal of Nutrition</i> , 2019 , 122, 262-273	3.6	3
506	Kynurenines, Neuropsychiatric Symptoms, and Cognitive Prognosis in Patients with Mild Dementia. <i>International Journal of Tryptophan Research</i> , 2019 , 12, 1178646919877883	5.6	8
505	Encephalitis and aseptic meningitis: short-term and long-term outcome, quality of life and neuropsychological functioning. <i>Scientific Reports</i> , 2019 , 9, 16158	4.9	5
504	Plasma Cotinine Cutoff for Distinguishing Smokers From Nonsmokers Among Persons Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 82, e54-e56	3.1	
503	The Associations Between Cognitive Prognosis and Kynurenines Are Modified by the Apolipoprotein B Allele Variant in Patients With Dementia. <i>International Journal of Tryptophan Research</i> , 2019 , 12, 1178646919885637	5.6	
502	Short-term treatment with a peroxisome proliferator-activated receptor β agonist influences plasma one-carbon metabolites and B-vitamin status in rats. <i>PLoS ONE</i> , 2019 , 14, e0226069	3.7	3
501	Urinary excretion of homocysteine thiolactone and the risk of acute myocardial infarction in coronary artery disease patients: the WENBIT trial. <i>Journal of Internal Medicine</i> , 2019 , 285, 232-244	10.8	24
500	Circulating high sensitivity C reactive protein concentrations and risk of lung cancer: nested case-control study within Lung Cancer Cohort Consortium. <i>BMJ, The</i> , 2019 , 364, k4981	5.9	18
499	The kynurenine pathway and cognitive performance in community-dwelling older adults. The Hordaland Health Study. <i>Brain, Behavior, and Immunity</i> , 2019 , 75, 155-162	16.6	28
498	Circulating concentrations of B group vitamins and urothelial cell carcinoma. <i>International Journal of Cancer</i> , 2019 , 144, 1909-1917	7.5	6
497	Is high vitamin B12 status a cause of lung cancer?. <i>International Journal of Cancer</i> , 2019 , 145, 1499-1503	7.5	33
496	Plasma 25-Hydroxyvitamin D and Mortality in Patients With Suspected Stable Angina Pectoris. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1161-1170	5.6	11

495	Early pregnancy folate-cobalamin interactions and their effects on cobalamin status and hematologic variables throughout pregnancy. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 173-182	7	10
494	Plasma Concentrations and Dietary Intakes of Choline and Betaine in Association With Atrial Fibrillation Risk: Results From 3 Prospective Cohorts With Different Health Profiles. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	19
493	No association between circulating concentrations of vitamin D and risk of lung cancer: an analysis in 20 prospective studies in the Lung Cancer Cohort Consortium (LC3). <i>Annals of Oncology</i> , 2018 , 29, 1468-1475	10.3	10
492	The PAR index, an indicator reflecting altered vitamin B-6 homeostasis, is associated with long-term risk of stroke in the general population: the Hordaland Health Study (HUSK). <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 105-112	7	7
491	Multiplex Immuno-MALDI-TOF MS for Targeted Quantification of Protein Biomarkers and Their Proteoforms Related to Inflammation and Renal Dysfunction. <i>Analytical Chemistry</i> , 2018 , 90, 3366-3373	7.8	20
490	Kynurenic Acid and Gpr35 Regulate Adipose Tissue Energy Homeostasis and Inflammation. <i>Cell Metabolism</i> , 2018 , 27, 378-392.e5	24.6	106
489	Impaired functional vitamin B6 status is associated with increased risk of lung cancer. <i>International Journal of Cancer</i> , 2018 , 142, 2425-2434	7.5	9
488	Plasma immunological markers in pregnancy and cord blood: A possible link between macrophage chemo-attractants and risk of childhood type 1 diabetes. <i>American Journal of Reproductive Immunology</i> , 2018 , 79, e12802	3.8	6
487	Vitamin A and D intake in pregnancy, infant supplementation, and asthma development: the Norwegian Mother and Child Cohort. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 789-798	7	15
486	Impact of HIV and Type 2 diabetes on Gut Microbiota Diversity, Tryptophan Catabolism and Endothelial Dysfunction. <i>Scientific Reports</i> , 2018 , 8, 6725	4.9	23
485	Association of plasma neopterin with risk of an inpatient hospital diagnosis of atrial fibrillation: results from two prospective cohort studies. <i>Journal of Internal Medicine</i> , 2018 , 283, 578-587	10.8	3
484	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	7	3
483	Plasma methionine and risk of acute myocardial infarction: Effect modification by established risk factors. <i>Atherosclerosis</i> , 2018 , 272, 175-181	3.1	10
482	Circulating Folate, Vitamin B6, and Methionine in Relation to Lung Cancer Risk in the Lung Cancer Cohort Consortium (LC3). <i>Journal of the National Cancer Institute</i> , 2018 , 110,	9.7	30
481	Results from the European Prospective Investigation into Cancer and Nutrition Link Vitamin B6 Catabolism and Lung Cancer Risk. <i>Cancer Research</i> , 2018 , 78, 302-308	10.1	12
480	Smoking, plasma cotinine and risk of atrial fibrillation: the Hordaland Health Study. <i>Journal of Internal Medicine</i> , 2018 , 283, 73-82	10.8	6
479	Increased plasma trimethylamine-N-oxide is associated with incident atrial fibrillation. <i>International Journal of Cardiology</i> , 2018 , 267, 100-106	3.2	38
478	One-carbon metabolism biomarkers and genetic variants in relation to colorectal cancer risk by KRAS and BRAF mutation status. <i>PLoS ONE</i> , 2018 , 13, e0196233	3.7	5

477	Maternal and infant vitamin B12 status during infancy predict linear growth at 5 years. <i>Pediatric Research</i> , 2018 , 84, 611-618	3.2	5
476	Cobalamin and Folate Status among Breastfed Infants in Bhaktapur, Nepal. <i>Nutrients</i> , 2018 , 10,	6.7	13
475	The risk association of plasma total homocysteine with acute myocardial infarction is modified by serum vitamin A. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1612-1620	3.9	7
474	A prospective evaluation of serum kynurenine metabolites and risk of pancreatic cancer. <i>PLoS ONE</i> , 2018 , 13, e0196465	3.7	14
473	Maternal Serum Cobalamin at 18 Weeks of Pregnancy Predicts Infant Cobalamin Status at 6 Months-A Prospective, Observational Study. <i>Journal of Nutrition</i> , 2018 , 148, 738-745	4.1	7
472	Plasma Homoarginine Concentrations According to Use of Hormonal Contraception. <i>Scientific Reports</i> , 2018 , 8, 12217	4.9	3
471	Circulating cotinine concentrations and lung cancer risk in the Lung Cancer Cohort Consortium (LC3). <i>International Journal of Epidemiology</i> , 2018 , 47, 1760-1771	7.8	10
470	Inflammatory markers, the tryptophan-kynurenine pathway, and vitamin B status after bariatric surgery. <i>PLoS ONE</i> , 2018 , 13, e0192169	3.7	22
469	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	1.8	2
468	Parental Smoking and Risk of Childhood-onset Type 1 Diabetes. <i>Epidemiology</i> , 2018 , 29, 848-856	3.1	19
467	Plasma Cystathionine and Risk of Incident Stroke in Patients With Suspected Stable Angina Pectoris. <i>Journal of the American Heart Association</i> , 2018 , 7, e008824	6	8
466	High neopterin and IP-10 levels in cerebrospinal fluid are associated with neurotoxic tryptophan metabolites in acute central nervous system infections. <i>Journal of Neuroinflammation</i> , 2018 , 15, 327	10.1	15
465	Fibrinogen and Neopterin Is Associated with Future Myocardial Infarction and Total Mortality in Patients with Stable Coronary Artery Disease. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 778-790	7	10
464	Plasma choline, homocysteine and vitamin status in healthy adults supplemented with krill oil: a pilot study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018 , 78, 527-532	2	6
463	Renal function and blood pressure in 11 year old children born extremely preterm or small for gestational age. <i>PLoS ONE</i> , 2018 , 13, e0205558	3.7	18
462	The 677C->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	7	7
461	Dietary intake of cod protein beneficially affects concentrations of urinary markers of kidney function and results in lower urinary loss of amino acids in obese Zucker fa/fa rats. <i>British Journal of Nutrition</i> , 2018 , 120, 740-750	3.6	8
460	Performance of plasma trigonelline as a marker of coffee consumption in an epidemiologic setting. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 941-947	7	23

459	Plasma cystathionine and risk of acute myocardial infarction among patients with coronary heart disease: Results from two independent cohorts. <i>International Journal of Cardiology</i> , 2018 , 266, 24-30	3.2	9
458	Associations between intake of fish and n-3 long-chain polyunsaturated fatty acids and plasma metabolites related to the kynurenine pathway in patients with coronary artery disease. <i>European Journal of Nutrition</i> , 2017 , 56, 261-272		13
457	Dietary Choline Intake Is Directly Associated with Bone Mineral Density in the Hordaland Health Study. <i>Journal of Nutrition</i> , 2017 , 147, 572-578	4.1	8
456	Vitamin B-6 and colorectal cancer risk: a prospective population-based study using 3 distinct plasma markers of vitamin B-6 status. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 897-904	7	28
455	Untangling the role of one-carbon metabolism in colorectal cancer risk: a comprehensive Bayesian network analysis. <i>Scientific Reports</i> , 2017 , 7, 43434	4.9	16
454	Ratios of One-Carbon Metabolites Are Functional Markers of B-Vitamin Status in a Norwegian Coronary Angiography Screening Cohort. <i>Journal of Nutrition</i> , 2017 , 147, 1167-1173	4.1	4
453	Circulating concentrations of biomarkers and metabolites related to vitamin status, one-carbon and the kynurenine pathways in US, Nordic, Asian, and Australian populations. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1314-1326	7	13
452	The kynurenine:tryptophan ratio as a predictor of incident type 2 diabetes mellitus in individuals with coronary artery disease. <i>Diabetologia</i> , 2017 , 60, 1712-1721	10.3	37
451	B Vitamins and Hip Fracture: Secondary Analyses and Extended Follow-Up of Two Large Randomized Controlled Trials. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1981-1989	6.3	14
450	Unmetabolized Folic Acid, Tetrahydrofolate, and Colorectal Adenoma Risk. <i>Cancer Prevention Research</i> , 2017 , 10, 451-458	3.2	8
449	Vitamin B-12 status in infancy is positively associated with development and cognitive functioning 5 y later in Nepalese children. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1122-1131	7	52
448	Kynurenine Pathway Metabolites in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 495-504	4.3	66
447	DNA Methylation Score as a Biomarker in Newborns for Sustained Maternal Smoking during Pregnancy. <i>Environmental Health Perspectives</i> , 2017 , 125, 760-766	8.4	57
446	Cardiovascular disease risk associated with serum apolipoprotein B is modified by serum vitamin A. <i>Atherosclerosis</i> , 2017 , 265, 325-330	3.1	8
445	Amino acid profile and metabolic syndrome in a male Mediterranean population: A cross-sectional study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 1021-1030	4.5	31
444	Metabolomic Evaluation of the Consequences of Plasma Cystathionine Elevation in Adults with Stable Angina Pectoris. <i>Journal of Nutrition</i> , 2017 , 147, 1658-1668	4.1	7
443	Neopterin as an Effect Modifier of the Cardiovascular Risk Predicted by Total Homocysteine: A Prospective 2-Cohort Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	10
442	Tryptophan catabolism and immune activation in primary and chronic HIV infection. <i>BMC Infectious Diseases</i> , 2017 , 17, 349	4	11

441	Vitamin B deficiency. <i>Nature Reviews Disease Primers</i> , 2017 , 3, 17040	51.1	287
440	Maternal Folate Intake during Pregnancy and Childhood Asthma in a Population-based Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 221-228	10.2	32
439	Increased Bronchial Hyperresponsiveness and Higher Asymmetric Dimethylarginine Levels after Fetal Growth Restriction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 83-89	5.7	7
438	Inflammation, vitamin B6 and related pathways. <i>Molecular Aspects of Medicine</i> , 2017 , 53, 10-27	16.7	151
437	Midpregnancy and cord blood immunologic biomarkers, HLA genotype, and pediatric celiac disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1696-1698	11.5	10
436	Comparable Performance Characteristics of Plasma Thiamine and Erythrocyte Thiamine Diphosphate in Response to Thiamine Fortification in Rural Cambodian Women. <i>Nutrients</i> , 2017 , 9,	6.7	12
435	Amniotic Fluid Arginine from Gestational Weeks 13 to 15 Is a Predictor of Birth Weight, Length, and Head Circumference. <i>Nutrients</i> , 2017 , 9,	6.7	5
434	Methylenetetrahydrofolate Dehydrogenase 1 Polymorphisms Modify the Associations of Plasma Glycine and Serine With Risk of Acute Myocardial Infarction in Patients With Stable Angina Pectoris in WENBIT (Western Norway B Vitamin Intervention Trial). <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 541-547		2
433	Serum B vitamins (pyridoxal 5'-phosphate, pyridoxal, and 4-pyridoxic acid) and pancreatic cancer risk: two nested case-control studies in Asian populations. <i>Cancer Causes and Control</i> , 2016 , 27, 1447-1456	2.8	8
432	Circulating vitamin D in relation to cancer incidence and survival of the head and neck and oesophagus in the EPIC cohort. <i>Scientific Reports</i> , 2016 , 6, 36017	4.9	25
431	Metabolic profiling indicates impaired pyruvate dehydrogenase function in myalgic encephalopathy/chronic fatigue syndrome. <i>JCI Insight</i> , 2016 , 1, e89376	9.9	93
430	Components of One-carbon Metabolism Other than Folate and Colorectal Cancer Risk. <i>Epidemiology</i> , 2016 , 27, 787-96	3.1	9
429	Maternal plasma total neopterin and kynurenine/tryptophan levels during pregnancy in relation to asthma development in the offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 1319-1325.e4	11.5	4
428	Serum trans fatty acids, asymmetric dimethylarginine and risk of acute myocardial infarction and mortality in patients with suspected coronary heart disease: a prospective cohort study. <i>Lipids in Health and Disease</i> , 2016 , 15, 38	4.4	11
427	Genotype, B-vitamin status, and androgens affect spaceflight-induced ophthalmic changes. <i>FASEB Journal</i> , 2016 , 30, 141-8	0.9	32
426	Prospective Associations of Systemic and Urinary Choline Metabolites with Incident Type 2 Diabetes. <i>Clinical Chemistry</i> , 2016 , 62, 755-65	5.5	52
425	Maternal plasma folate impacts differential DNA methylation in an epigenome-wide meta-analysis of newborns. <i>Nature Communications</i> , 2016 , 7, 10577	17.4	172
424	Plasma Biomarkers of Inflammation, the Kynurenine Pathway, and Risks of All-Cause, Cancer, and Cardiovascular Disease Mortality: The Hordaland Health Study. <i>American Journal of Epidemiology</i> , 2016 , 183, 249-58	3.8	92

423	B vitamin treatments modify the risk of myocardial infarction associated with a MTHFD1 polymorphism in patients with stable angina pectoris. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 495-501	4.5	4
422	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	4.1	24
421	Peroxisome Proliferator-Activated Receptor Activation is Associated with Altered Plasma One-Carbon Metabolites and B-Vitamin Status in Rats. <i>Nutrients</i> , 2016 , 8,	6.7	14
420	Vitamin Status among Breastfed Infants in Bhaktapur, Nepal. <i>Nutrients</i> , 2016 , 8, 149	6.7	26
419	Nutritional Intake and Status of Cobalamin and Folate among Non-Pregnant Women of Reproductive Age in Bhaktapur, Nepal. <i>Nutrients</i> , 2016 , 8,	6.7	8
418	Maternal Folate Status and the BHMT c.716G>A Polymorphism Affect the Betaine Dimethylglycine Pathway during Pregnancy. <i>Nutrients</i> , 2016 , 8,	6.7	8
417	Impact of Pre-Pregnancy BMI on B Vitamin and Inflammatory Status in Early Pregnancy: An Observational Cohort Study. <i>Nutrients</i> , 2016 , 8,	6.7	9
416	Low Prevalence of Vitamin D Insufficiency among Nepalese Infants Despite High Prevalence of Vitamin D Insufficiency among Their Mothers. <i>Nutrients</i> , 2016 , 8,	6.7	13
415	Plasma IP-10 Is Increased in Immunological NonResponders and Associated With Activated Regulatory T Cells and Persisting Low CD4 Counts. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 73, 138-48	3.1	15
414	Maternal smoking impacts key biological pathways in newborns through epigenetic modification in Utero. <i>BMC Genomics</i> , 2016 , 17, 976	4.5	36
413	Vitamin levels in adults with ADHD. <i>BJPsych Open</i> , 2016 , 2, 377-384	5	19
412	Circulating Folate and Vitamin B and Risk of Prostate Cancer: A Collaborative Analysis of Individual Participant Data from Six Cohorts Including 6875 Cases and 8104 Controls. <i>European Urology</i> , 2016 , 70, 941-951	10.2	36
411	Vitamin B-6 catabolism and long-term mortality risk in patients with coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1417-25	7	21
410	Cellular immune activity biomarker neopterin is associated hyperlipidemia: results from a large population-based study. <i>Immunity and Ageing</i> , 2016 , 13, 5	9.7	9
409	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	11	36
408	Cosinor modelling of seasonal variation in 25-hydroxyvitamin D concentrations in cardiovascular patients in Norway. <i>European Journal of Clinical Nutrition</i> , 2016 , 70, 517-22	5.2	24
407	Combined Measurement of 6 Fat-Soluble Vitamins and 26 Water-Soluble Functional Vitamin Markers and Amino Acids in 50 μ l of Serum or Plasma by High-Throughput Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 10427-10436	7.8	61
406	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, 1801-6	4.1	10

405	A prospective study of the immune system activation biomarker neopterin and colorectal cancer risk. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	16
404	Pyridoxine supplementation does not alter in vivo kinetics of one-carbon metabolism but modifies patterns of one-carbon and tryptophan metabolites in vitamin B-6-insufficient oral contraceptive users. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 616-25	7	8
403	Glycated hemoglobin and long-term prognosis in patients with suspected stable angina pectoris without diabetes mellitus: a prospective cohort study. <i>Atherosclerosis</i> , 2015 , 240, 115-20	3.1	13
402	Vitamin D status was not associated with 'one-year' progression of coronary artery disease, assessed by coronary angiography in statin-treated patients. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 594-602	3.9	9
401	Biomarkers of Nutrition for Development-Folate Review. <i>Journal of Nutrition</i> , 2015 , 145, 1636S-1680S	4.1	245
400	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, 1386-93	4.1	14
399	Circulating 25-hydroxyvitamin D3 and survival after diagnosis with kidney cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1277-81	4	11
398	Plasma dimethylglycine, nicotine exposure and risk of low bone mineral density and hip fracture: the Hordaland Health Study. <i>Osteoporosis International</i> , 2015 , 26, 1573-83	5.3	10
397	Direct and Functional Biomarkers of Vitamin B6 Status. <i>Annual Review of Nutrition</i> , 2015 , 35, 33-70	9.9	135
396	Kynurenines as predictors of acute coronary events in the Hordaland Health Study. <i>International Journal of Cardiology</i> , 2015 , 189, 18-24	3.2	44
395	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, 445-53	3.6	12
394	Efficacy of fish intake on vitamin D status: a meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 837-47	7	41
393	Metabolite profile analysis reveals association of vitamin B-6 with metabolites related to one-carbon metabolism and tryptophan catabolism but not with biomarkers of inflammation in oral contraceptive users and reveals the effects of oral contraceptives on these processes. <i>Journal of Nutrition</i> , 2015 , 145, 87-95	4.1	10
392	Elevated plasma dimethylglycine is a risk marker of mortality in patients with coronary heart disease. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 743-52	3.9	27
391	Plasma Glycine and Risk of Acute Myocardial Infarction in Patients With Suspected Stable Angina Pectoris. <i>Journal of the American Heart Association</i> , 2015 , 5,	6	48
390	Motor development related to duration of exclusive breastfeeding, B vitamin status and B12 supplementation in infants with a birth weight between 2000-3000g, results from a randomized intervention trial. <i>BMC Pediatrics</i> , 2015 , 15, 218	2.6	31
389	Serum concentrations of kynurenines in adult patients with attention-deficit hyperactivity disorder (ADHD): a case-control study. <i>Behavioral and Brain Functions</i> , 2015 , 11, 36	4.1	24
388	Reduced Levels of D-dimer and Changes in Gut Microbiota Composition After Probiotic Intervention in HIV-Infected Individuals on Stable ART. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, 329-37	3.1	50

387	Increased Tryptophan Catabolism Is Associated With Increased Frequency of CD161+Tc17/MAIT Cells and Lower CD4+ T-Cell Count in HIV-1 Infected Patients on cART After 2 Years of Follow-Up. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, 228-35	3.1	29
386	Circulating Concentrations of Vitamin B6 and Kidney Cancer Prognosis: A Prospective Case-Cohort Study. <i>PLoS ONE</i> , 2015 , 10, e0140677	3.7	6
385	Increased inflammatory markers in adolescents born extremely preterm and small for gestational age. <i>Journal of Pediatric Biochemistry</i> , 2015 , 03, 239-246		
384	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, 701-7	4.1	26
383	A prospective study of one-carbon metabolism biomarkers and cancer of the head and neck and esophagus. <i>International Journal of Cancer</i> , 2015 , 136, 915-27	7.5	19
382	Plasma choline, smoking, and long-term prognosis in patients with stable angina pectoris. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 606-14	3.9	10
381	Associations of plasma kynurenines with risk of acute myocardial infarction in patients with stable angina pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 455-62	9.4	99
380	Markers of vitamin B6 status and metabolism as predictors of incident cancer: the Hordaland Health Study. <i>International Journal of Cancer</i> , 2015 , 136, 2932-9	7.5	28
379	Circulating B-vitamins and smoking habits are associated with serum polyunsaturated Fatty acids in patients with suspected coronary heart disease: a cross-sectional study. <i>PLoS ONE</i> , 2015 , 10, e0129049	3.7	5
378	Interferon (IFN)- γ -mediated inflammation and the kynurenine pathway in relation to bone mineral density: the Hordaland Health Study. <i>Clinical and Experimental Immunology</i> , 2014 , 176, 452-60	6.2	36
377	Plasma choline, nicotine exposure, and risk of low bone mineral density and hip fracture: the Hordaland health study. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 242-50	6.3	4
376	Plasma methionine, choline, betaine, and dimethylglycine in relation to colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC). <i>Annals of Oncology</i> , 2014 , 25, 1609-15	10.3	31
375	Sarcosine and other metabolites along the choline oxidation pathway in relation to prostate cancer--a large nested case-control study within the JANUS cohort in Norway. <i>International Journal of Cancer</i> , 2014 , 134, 197-206	7.5	35
374	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	4.3	20
373	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, 1069-74	7	20
372	Maternal smoking and DNA methylation in newborns: in utero effect or epigenetic inheritance?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 1007-17	4	89
371	Most blood biomarkers related to vitamin status, one-carbon metabolism, and the kynurenine pathway show adequate preanalytical stability and within-person reproducibility to allow assessment of exposure or nutritional status in healthy women and cardiovascular patients. <i>Journal of Nutrition</i> , 2014 , 144, 784-90	4.1	62
370	Interferon gamma (IFN- γ)-mediated inflammation and the kynurenine pathway in relation to risk of hip fractures: the Hordaland Health Study. <i>Osteoporosis International</i> , 2014 , 25, 2067-75	5.3	17

369	Targeted quantification of C-reactive protein and cystatin c and its variants by immuno-MALDI-MS. <i>Analytical Chemistry</i> , 2014 , 86, 5807-14	7.8	48
368	Smoking and body fat mass in relation to bone mineral density and hip fracture: the Hordaland Health Study. <i>PLoS ONE</i> , 2014 , 9, e92882	3.7	19
367	Circulating 25-hydroxyvitamin D3 in relation to renal cell carcinoma incidence and survival in the EPIC cohort. <i>American Journal of Epidemiology</i> , 2014 , 180, 810-20	3.8	24
366	Low folate levels are associated with reduced risk of colorectal cancer in a population with low folate status. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2136-44	4	20
365	Interactions between plasma concentrations of folate and markers of vitamin B(12) status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2014 , 111, 1085-95	3.6	29
364	Circulating biomarkers of one-carbon metabolism in relation to renal cell carcinoma incidence and survival. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	19
363	Interferon- γ -induced inflammatory markers and the risk of cancer: the Hordaland Health Study. <i>Cancer</i> , 2014 , 120, 3370-7	6.4	24
362	Folic acid supplementation and interpregnancy interval. <i>Paediatric and Perinatal Epidemiology</i> , 2014 , 28, 270-4	2.7	15
361	Circulating biomarkers of tryptophan and the kynurenine pathway and lung cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 461-8	4	50
360	One-carbon metabolite levels in mid-pregnancy and risks of conotruncal heart defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014 , 100, 107-15		9
359	Neonatal genome-wide methylation patterns in relation to birth weight in the Norwegian Mother and Child Cohort. <i>American Journal of Epidemiology</i> , 2014 , 179, 834-42	3.8	72
358	Evidence for increased catabolism of vitamin B-6 during systemic inflammation. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 250-5	7	61
357	Vitamins B2 and B6 as determinants of kynurenines and related markers of interferon- γ -mediated immune activation in the community-based Hordaland Health Study. <i>British Journal of Nutrition</i> , 2014 , 112, 1065-72	3.6	38
356	High-throughput, low-volume, multianalyte quantification of plasma metabolites related to one-carbon metabolism using HPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 2009-17	4.4	94
355	Quantifying the dose-response relationship between circulating folate concentrations and colorectal cancer in cohort studies: a meta-analysis based on a flexible meta-regression model. <i>American Journal of Epidemiology</i> , 2013 , 178, 1028-37	3.8	15
354	Preeclampsia in healthy women and endothelial dysfunction 10 years later. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 569.e1-569.e10	6.4	48
353	Evaluating iron status and the risk of anemia in young infants using erythrocyte parameters. <i>Pediatric Research</i> , 2013 , 73, 214-20	3.2	18
352	Cognitive function in an elderly population: interaction between vitamin B12 status, depression, and apolipoprotein E ϵ : the Hordaland Homocysteine Study. <i>Psychosomatic Medicine</i> , 2013 , 75, 20-9	3.7	38

351	Neopterin and kynurenine-tryptophan ratio as predictors of coronary events in older adults, the Hordaland Health Study. <i>International Journal of Cardiology</i> , 2013 , 168, 1435-40	3.2	67
350	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 668-76	7	122
349	Use of folic acid supplements in early pregnancy in relation to maternal plasma levels in week 18 of pregnancy. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 653-60	5.9	17
348	Mechanistic perspective on the relationship between pyridoxal 5'-phosphate and inflammation. <i>Nutrition Reviews</i> , 2013 , 71, 239-44	6.4	75
347	Effects of folic acid supplementation on overall and site-specific cancer incidence during the randomised trials: meta-analyses of data on 50,000 individuals. <i>Lancet, The</i> , 2013 , 381, 1029-36	40	233
346	Plasma dimethylglycine and risk of incident acute myocardial infarction in patients with stable angina pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2041-8	9.4	75
345	Cobalamin supplementation improves motor development and regurgitations in infants: results from a randomized intervention study. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1233-40	7	44
344	A structural equation modelling approach to explore the role of B vitamins and immune markers in lung cancer risk. <i>European Journal of Epidemiology</i> , 2013 , 28, 677-88	12.1	13
343	Maternal B vitamin status in pregnancy week 18 according to reported use of folic acid supplements. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 645-52	5.9	11
342	Urinary excretion of kynurenine and tryptophan, cardiovascular events, and mortality after elective coronary angiography. <i>European Heart Journal</i> , 2013 , 34, 2689-96	9.5	42
341	Biochemical signs of impaired cobalamin function do not affect hematological parameters in young infants: results from a double-blind randomized controlled trial. <i>Pediatric Research</i> , 2013 , 74, 327-32	3.2	3
340	Intraindividual variation in one-carbon metabolism plasma biomarkers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 1894-9	4	11
339	Choline status and neurodevelopmental outcomes at 5 years of age in the Seychelles Child Development Nutrition Study. <i>British Journal of Nutrition</i> , 2013 , 110, 330-6	3.6	18
338	Metabolite profile analysis reveals functional effects of 28-day vitamin B-6 restriction on one-carbon metabolism and tryptophan catabolic pathways in healthy men and women. <i>Journal of Nutrition</i> , 2013 , 143, 1719-27	4.1	40
337	DNA methylation as a long-term biomarker of exposure to tobacco smoke. <i>Epidemiology</i> , 2013 , 24, 712-6	3.1	129
336	Low folate status enhances pregnancy changes in plasma betaine and dimethylglycine concentrations and the association between betaine and homocysteine. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1252-9	7	22
335	Serum folate and vitamin B12 concentrations in relation to prostate cancer risk—a Norwegian population-based nested case-control study of 3000 cases and 3000 controls within the JANUS cohort. <i>International Journal of Epidemiology</i> , 2013 , 42, 201-10	7.8	30
334	A community-based study on determinants of circulating markers of cellular immune activation and kynurenines: the Hordaland Health Study. <i>Clinical and Experimental Immunology</i> , 2013 , 173, 121-30	6.2	68

333	Plasma B vitamins and LINE-1 DNA methylation in leukocytes of patients with a history of colorectal adenomas. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 698-708	5.9	3
332	Dietary intake and biological measurement of folate: a qualitative review of validation studies. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 562-81	5.9	24
331	Cobalamin and folate status predicts mental development scores in North Indian children 12-18 mo of age. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 310-7	7	68
330	Substrate product ratios of enzymes in the kynurenine pathway measured in plasma as indicators of functional vitamin B-6 status. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 934-40	7	50
329	Umbilical choline and related methylamines betaine and dimethylglycine in relation to birth weight. <i>Pediatric Research</i> , 2013 , 73, 783-7	3.2	25
328	Plasma free choline, betaine and cognitive performance: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2013 , 109, 511-9	3.6	35
327	North-south gradients in plasma concentrations of B-vitamins and other components of one-carbon metabolism in Western Europe: results from the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. <i>British Journal of Nutrition</i> , 2013 , 110, 363-74	3.6	19
326	Effect of folic acid supplementation on levels of circulating Monocyte Chemoattractant Protein-1 and the presence of intravascular ultrasound derived virtual histology thin-cap fibroatheromas in patients with stable angina pectoris. <i>PLoS ONE</i> , 2013 , 8, e70101	3.7	3
325	The association between progression of atherosclerosis and the methylated amino acids asymmetric dimethylarginine and trimethyllysine. <i>PLoS ONE</i> , 2013 , 8, e64774	3.7	25
324	Assessment of urinary betaine as a marker of diabetes mellitus in cardiovascular patients. <i>PLoS ONE</i> , 2013 , 8, e69454	3.7	29
323	Serial plasma choline measurements after cardiac arrest in patients undergoing mild therapeutic hypothermia: a prospective observational pilot trial. <i>PLoS ONE</i> , 2013 , 8, e76720	3.7	5
322	Vitamin B6 status and interferon- γ -mediated immune activation in primary hyperparathyroidism. <i>Journal of Internal Medicine</i> , 2012 , 272, 583-91	10.8	11
321	Prognostic impact of vitamin B6 metabolism in lung cancer. <i>Cell Reports</i> , 2012 , 2, 257-69	10.6	100
320	Metabolic profiling in Maturity-onset diabetes of the young (MODY) and young onset type 2 diabetes fails to detect robust urinary biomarkers. <i>PLoS ONE</i> , 2012 , 7, e40962	3.7	13
319	Increased yet iron-restricted erythropoiesis in postpartum mothers. <i>Annals of Hematology</i> , 2012 , 91, 1435-41	3	4
318	Kinetic modeling of storage effects on biomarkers related to B vitamin status and one-carbon metabolism. <i>Clinical Chemistry</i> , 2012 , 58, 402-10	5.5	81
317	Plasma cotinine levels and pancreatic cancer in the EPIC cohort study. <i>International Journal of Cancer</i> , 2012 , 131, 997-1002	7.5	7
316	450K epigenome-wide scan identifies differential DNA methylation in newborns related to maternal smoking during pregnancy. <i>Environmental Health Perspectives</i> , 2012 , 120, 1425-31	8.4	547

315	Omega-3 Status and the Relationship between Plasma Asymmetric Dimethylarginine and Risk of Myocardial Infarction in Patients with Suspected Coronary Artery Disease. <i>Cardiology Research and Practice</i> , 2012 , 2012, 201742	1.9	12
314	Self-reported smoking status and plasma cotinine concentrations among pregnant women in the Norwegian Mother and Child Cohort Study. <i>Pediatric Research</i> , 2012 , 72, 101-7	3.2	97
313	Choline supplementation and measures of choline and betaine status: a randomised, controlled trial in postmenopausal women. <i>British Journal of Nutrition</i> , 2012 , 108, 1264-71	3.6	21
312	Relative importance of risk factors for coronary heart disease--the Hordaland Homocysteine study. <i>Scandinavian Cardiovascular Journal</i> , 2012 , 46, 316-23	2	2
311	Association of plasma B-6 vitamers with systemic markers of inflammation before and after pyridoxine treatment in patients with stable angina pectoris. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1072-8	7	43
310	Homocysteine and cardiovascular risk: the perils of reductionism in a complex system. <i>Clinical Chemistry</i> , 2012 , 58, 1623-5	5.5	6
309	Maternal tryptophan and kynurenine pathway metabolites and risk of preeclampsia. <i>Obstetrics and Gynecology</i> , 2012 , 119, 1243-50	4.9	32
308	Maternal folate levels in pregnancy and asthma in children at age 3 years. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 262-4, 264.e1	11.5	82
307	Use of matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for multiplex genotyping. <i>Advances in Clinical Chemistry</i> , 2011 , 53, 1-29	5.8	18
306	A U-shaped relationship between plasma folate and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition. <i>European Journal of Cancer</i> , 2011 , 47, 1808-16	7.5	39
305	Bioinformatic and genetic association analysis of microRNA target sites in one-carbon metabolism genes. <i>PLoS ONE</i> , 2011 , 6, e21851	3.7	56
304	Coronary blood flow in patients with stable coronary artery disease treated long term with folic acid and vitamin B12. <i>Coronary Artery Disease</i> , 2011 , 22, 270-8	1.4	11
303	Choline and betaine in health and disease. <i>Journal of Inherited Metabolic Disease</i> , 2011 , 34, 3-15	5.4	313
302	Cobalamin status in children. <i>Journal of Inherited Metabolic Disease</i> , 2011 , 34, 111-9	5.4	36
301	Determination of vitamins A, D and E in a small volume of human plasma by a high-throughput method based on liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1942-8	2.2	53
300	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, 856-63	5.5	81
299	DNA methylation changes associated with cancer risk factors and blood levels of vitamin metabolites in a prospective study. <i>Epigenetics</i> , 2011 , 6, 195-201	5.7	51
298	Cobalamin status modifies the effect of zinc supplementation on the incidence of prolonged diarrhea in 6- to 30-month-old north Indian children. <i>Journal of Nutrition</i> , 2011 , 141, 1108-13	4.1	5

297	Genetic polymorphisms in 15q25 and 19q13 loci, cotinine levels, and risk of lung cancer in EPIC. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 2250-61	4	57
296	Poor folate status predicts persistent diarrhea in 6- to 30-month-old north Indian children. <i>Journal of Nutrition</i> , 2011 , 141, 2226-32	4.1	12
295	Transcobalamin polymorphism 67A->G, but not 776C->G, affects serum holotranscobalamin in a cohort of healthy middle-aged men and women. <i>Journal of Nutrition</i> , 2011 , 141, 1784-90	4.1	26
294	Smoking, secondhand smoke, and cotinine levels in a subset of EPIC cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 869-75	4	26
293	Biomarkers related to one-carbon metabolism as potential risk factors for distal colorectal adenomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 1726-35	4	29
292	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	7	33
291	Low plasma vitamin B-6 status affects metabolism through the kynurenine pathway in cardiovascular patients with systemic inflammation. <i>Journal of Nutrition</i> , 2011 , 141, 611-7	4.1	57
290	Systemic markers of interferon- γ -mediated immune activation and long-term prognosis in patients with stable coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 698-704	9.4	99
289	Combined analyses and extended follow-up of two randomized controlled homocysteine-lowering B-vitamin trials. <i>Journal of Internal Medicine</i> , 2010 , 268, 367-82	10.8	55
288	Plasma folate, related genetic variants, and colorectal cancer risk in EPIC. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 1328-40	4	62
287	Plasma vitamins B2, B6, and B12, and related genetic variants as predictors of colorectal cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 2549-61	4	52
286	Infant birth size is not associated with maternal intake and status of folate during the second trimester in Norwegian pregnant women. <i>Journal of Nutrition</i> , 2010 , 140, 572-9	4.1	50
285	Baseline plasma total homocysteine and adenoma recurrence: results from a double blind randomized clinical trial of aspirin and folate supplementation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 2541-8	4	7
284	Uracil misincorporation into DNA and folic acid supplementation. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 160-5	7	15
283	Consumption of wheat aleurone-rich foods increases fasting plasma betaine and modestly decreases fasting homocysteine and LDL-cholesterol in adults. <i>Journal of Nutrition</i> , 2010 , 140, 2153-7	4.1	47
282	Vitamins B2 and B6 and genetic polymorphisms related to one-carbon metabolism as risk factors for gastric adenocarcinoma in the European prospective investigation into cancer and nutrition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 28-38	4	31
281	Long- and short-term effects of tobacco smoking on circulating concentrations of B vitamins. <i>Clinical Chemistry</i> , 2010 , 56, 755-63	5.5	44
280	Analytical recovery of folate and its degradation products in human serum stored at -25 degrees C for up to 29 years. <i>Journal of Nutrition</i> , 2010 , 140, 522-6	4.1	28

279	Serum B vitamin levels and risk of lung cancer. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 2377-85	27.4	122
278	Circulating folate, vitamin B12, homocysteine, vitamin B12 transport proteins, and risk of prostate cancer: a case-control study, systematic review, and meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 1632-42	4	116
277	Age and sex differences in plasma homocysteine, choline and betaine status in Seychellois children and young adults. <i>Proceedings of the Nutrition Society</i> , 2010 , 69,	2.9	1
276	Maternal homocysteine and related B vitamins as risk factors for low birthweight. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 572.e1-6	6.4	27
275	Effect of homocysteine-lowering B vitamin treatment on angiographic progression of coronary artery disease: a Western Norway B Vitamin Intervention Trial (WENBIT) substudy. <i>American Journal of Cardiology</i> , 2010 , 105, 1577-84	3	37
274	One-carbon metabolism and prostate cancer risk: prospective investigation of seven circulating B vitamins and metabolites. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1538-43	4	62
273	Moderate dietary vitamin B-6 restriction raises plasma glycine and cystathionine concentrations while minimally affecting the rates of glycine turnover and glycine cleavage in healthy men and women. <i>Journal of Nutrition</i> , 2009 , 139, 452-60	4.1	44
272	Liquid chromatography-tandem mass spectrometry analysis of folate and folate catabolites in human serum. <i>Clinical Chemistry</i> , 2009 , 55, 1147-54	5.5	63
271	Determinants of plasma methylmalonic acid in a large population: implications for assessment of vitamin B12 status. <i>Clinical Chemistry</i> , 2009 , 55, 2198-206	5.5	94
270	Dietary sources of vitamin B-12 and their association with plasma vitamin B-12 concentrations in the general population: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1078-87	7	106
269	Nested case-control study of one-carbon metabolites in mid-pregnancy and risks of cleft lip with and without cleft palate. <i>Pediatric Research</i> , 2009 , 66, 501-6	3.2	25
268	Choline in anxiety and depression: the Hordaland Health Study. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1056-60	7	32
267	Analytical recovery of folate degradation products formed in human serum and plasma at room temperature. <i>Journal of Nutrition</i> , 2009 , 139, 1415-8	4.1	36
266	MALDI-TOF MS genotyping of polymorphisms related to 1-carbon metabolism using common and mass-modified terminators. <i>Clinical Chemistry</i> , 2009 , 55, 139-49	5.5	11
265	Mid-pregnancy cotinine and risks of orofacial clefts and neural tube defects. <i>Journal of Pediatrics</i> , 2009 , 154, 17-9	3.6	40
264	Oral facial clefts and gene polymorphisms in metabolism of folate/one-carbon and vitamin A: a pathway-wide association study. <i>Genetic Epidemiology</i> , 2009 , 33, 247-55	2.6	43
263	Quantitative profiling of biomarkers related to B-vitamin status, tryptophan metabolism and inflammation in human plasma by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 1371-9	2.2	229
262	Cancer incidence and mortality after treatment with folic acid and vitamin B12. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2119-26	27.4	271

261	Cysteine, homocysteine and bone mineral density: a role for body composition?. <i>Bone</i> , 2009 , 44, 954-8	4.7	19
260	Asymmetric dimethylarginine in the maternal and fetal circulation in preeclampsia. <i>Pediatric Research</i> , 2009 , 66, 411-5	3.2	42
259	Choline and risk of neural tube defects in a folate-fortified population. <i>Epidemiology</i> , 2009 , 20, 714-9	3.1	103
258	Changes in markers of cobalamin status after cessation of oral B-vitamin supplements in elderly people with mild cobalamin deficiency. <i>European Journal of Clinical Nutrition</i> , 2008 , 62, 1248-51	5.2	3
257	Circulating concentrations of folate and vitamin B12 in relation to prostate cancer risk: results from the European Prospective Investigation into Cancer and Nutrition study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 279-85	4	43
256	Common metabolic profile in infants indicating impaired cobalamin status responds to cobalamin supplementation. <i>Pediatrics</i> , 2008 , 122, 83-91	7.4	55
255	Importance of chemical reduction in plasma and serum homocysteine analysis. <i>Clinical Chemistry</i> , 2008 , 54, 1085-6	5.5	8
254	Colorectal adenomas in a randomized folate trial: the role of baseline dietary and circulating folate levels. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 2625-31	4	26
253	Homocysteine and folate status in an era of folic acid fortification: balancing benefits, risks, and B-vitamins. <i>Clinical Chemistry</i> , 2008 , 54, 779-81	5.5	5
252	Mortality and cardiovascular events in patients treated with homocysteine-lowering B vitamins after coronary angiography: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 795-804	27.4	303
251	Coffee consumption and circulating B-vitamins in healthy middle-aged men and women. <i>Clinical Chemistry</i> , 2008 , 54, 1489-96	5.5	23
250	Dietary patterns, food groups, and nutrients as predictors of plasma choline and betaine in middle-aged and elderly men and women. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1663-9	7	48
249	Folic acid and multivitamin supplement use and risk of placental abruption: a population-based registry study. <i>American Journal of Epidemiology</i> , 2008 , 167, 867-74	3.8	52
248	Measurement of folate in fresh and archival serum samples as p-aminobenzoylglutamate equivalents. <i>Clinical Chemistry</i> , 2008 , 54, 665-72	5.5	20
247	Vitamins B2, B6, and B12 and risk of new colorectal adenomas in a randomized trial of aspirin use and folic acid supplementation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 2136-45	4	27
246	Folate and vitamin B12 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, 1054-9	3.6	45
245	Long term biweekly 1 mg oral vitamin B12 ensures normal hematological parameters, but does not correct all other markers of vitamin B12 deficiency. A study in patients with inherited vitamin B12 deficiency. <i>Haematologica</i> , 2008 , 93, 1755-8	6.6	8
244	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, 391-7	7	39

243	Divergent associations of plasma choline and betaine with components of metabolic syndrome in middle age and elderly men and women. <i>Journal of Nutrition</i> , 2008 , 138, 914-20	4.1	162
242	Homocysteine, cysteine, and body composition in the Hordaland Homocysteine Study: does cysteine link amino acid and lipid metabolism?. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 738-46	7	110
241	Choline concentrations in human maternal and cord blood and intelligence at 5 y of age. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 896-902	7	58
240	Folate and one-carbon metabolism gene polymorphisms and their associations with oral facial clefts. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 440-9	2.5	49
239	Homocysteine and cardiovascular risk: considering the evidence in the context of study design, folate fortification, and statistical power. <i>Clinical Chemistry</i> , 2007 , 53, 807-9	5.5	34
238	Cobalamin and folate status in infants and young children in a low-to-middle income community in India. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1302-9	7	78
237	Plasma vitamin B-6 forms and their relation to transsulfuration metabolites in a large, population-based study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 131-8	7	47
236	Dietary fat and plasma total homocysteine concentrations in 2 adult age groups: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1598-605	7	39
235	Folate, but not vitamin B-12 status, predicts respiratory morbidity in north Indian children. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 139-44	7	24
234	Relations of glutamate carboxypeptidase II (GCPII) polymorphisms to folate and homocysteine concentrations and to scores of cognition, anxiety, and depression in a homogeneous Norwegian population: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 514-21	7	28
233	Large-scale population-based metabolic phenotyping of thirteen genetic polymorphisms related to one-carbon metabolism. <i>Human Mutation</i> , 2007 , 28, 856-65	4.7	149
232	Plasma creatinine as a determinant of plasma total homocysteine concentrations in the Hordaland Homocysteine Study: use of statistical modeling to determine reference limits. <i>Clinical Biochemistry</i> , 2007 , 40, 1209-18	3.5	16
231	Homocysteine-lowering therapy does not affect inflammatory markers of atherosclerosis in patients with stable coronary artery disease. <i>Journal of Internal Medicine</i> , 2007 , 262, 244-53	10.8	43
230	Plasma homocysteine, folate, and vitamin B 12 and the risk of hip fracture: the hordaland homocysteine study. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 747-56	6.3	112
229	Functional inference of the methylenetetrahydrofolate reductase 677C > T and 1298A > C polymorphisms from a large-scale epidemiological study. <i>Human Genetics</i> , 2007 , 121, 57-64	6.3	68
228	Quantitative profiling of folate and one-carbon metabolism in large-scale epidemiological studies by mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 1737-45	5.9	70
227	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, 963-70	5.5	103
226	Modulation of the homocysteine-betaine relationship by methylenetetrahydrofolate reductase 677 C->t genotypes and B-vitamin status in a large-scale epidemiological study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1535-41	5.6	44

225	Folic acid for the prevention of colorectal adenomas: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 297, 2351-9	27.4	687
224	The association of gastric cancer risk with plasma folate, cobalamin, and methylenetetrahydrofolate reductase polymorphisms in the European Prospective Investigation into Cancer and Nutrition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 2416-24	4	49
223	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, 1863-7	4.1	74
222	Low vitamin B-12 status and risk of cognitive decline in older adults. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1384-91	7	142
221	Dietary predictors of plasma total homocysteine in the Hordaland Homocysteine Study. <i>British Journal of Nutrition</i> , 2007 , 98, 201-10	3.6	40
220	The association of betaine, homocysteine and related metabolites with cognitive function in Dutch elderly people. <i>British Journal of Nutrition</i> , 2007 , 98, 960-8	3.6	25
219	The methylenetetrahydrofolate reductase 677C-->T polymorphism as a modulator of a B vitamin network with major effects on homocysteine metabolism. <i>American Journal of Human Genetics</i> , 2007 , 80, 846-55	11	107
218	Homocysteine, cysteine, and related metabolites in maternal and fetal plasma in preeclampsia. <i>Pediatric Research</i> , 2007 , 62, 319-24	3.2	42
217	Homocysteine lowering and cardiovascular events after acute myocardial infarction. <i>New England Journal of Medicine</i> , 2006 , 354, 1578-88	59.2	1058
216	Clinical relevance of low serum vitamin B12 concentrations in older people: the Banbury B12 study. <i>Age and Ageing</i> , 2006 , 35, 416-22	3	137
215	Plasma total homocysteine level and bone mineral density: the Hordaland Homocysteine Study. <i>Archives of Internal Medicine</i> , 2006 , 166, 88-94		114
214	Mid-trimester amniotic fluid methionine concentrations: a predictor of birth weight and length. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 1186-91	12.7	18
213	Effect of oral vitamin B-12 with or without folic acid on cognitive function in older people with mild vitamin B-12 deficiency: a randomized, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 361-370	7	152
212	The Hordaland Homocysteine Study: a community-based study of homocysteine, its determinants, and associations with disease. <i>Journal of Nutrition</i> , 2006 , 136, 1731S-1740S	4.1	330
211	Patterns and predictors of folic acid supplement use among pregnant women: the Norwegian Mother and Child Cohort Study. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1134-41	7	95
210	Low fasting methionine concentration as a novel risk factor for recurrent venous thrombosis. <i>Thrombosis and Haemostasis</i> , 2006 , 96, 492-497	7	9
209	Effect of oral vitamin B-12 with or without folic acid on cognitive function in older people with mild vitamin B-12 deficiency: a randomized, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 361-70	7	53
208	Low fasting methionine concentration as a novel risk factor for recurrent venous thrombosis. <i>Thrombosis and Haemostasis</i> , 2006 , 96, 492-7	7	3

207	Automated assay for the determination of methylmalonic acid, total homocysteine, and related amino acids in human serum or plasma by means of methylchloroformate derivatization and gas chromatography-mass spectrometry. <i>Clinical Chemistry</i> , 2005 , 51, 2103-9	5.5	128
206	Plasma concentration of folate as a biomarker for the intake of fruit and vegetables: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 434-9	7	46
205	Prevalences of hyperhomocysteinemia, unfavorable cholesterol profile and hypertension in European populations. <i>European Journal of Clinical Nutrition</i> , 2005 , 59, 480-8	5.2	33
204	Plasma total homocysteine and memory in the elderly: the Hordaland Homocysteine Study. <i>Annals of Neurology</i> , 2005 , 58, 847-57	9.4	136
203	Plasma choline and betaine and their relation to plasma homocysteine in normal pregnancy. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1383-9	7	73
202	Betaine concentration as a determinant of fasting total homocysteine concentrations and the effect of folic acid supplementation on betaine concentrations. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1378-82	7	62
201	Choline and homocysteine interrelations in umbilical cord and maternal plasma at delivery. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 836-42	7	71
200	B vitamins and cognitive function: do we need more and larger trials?. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 951-2	7	6
199	Oral cyanocobalamin supplementation in older people with vitamin B12 deficiency: a dose-finding trial. <i>Archives of Internal Medicine</i> , 2005 , 165, 1167-72		138
198	Betaine and folate status as cooperative determinants of plasma homocysteine in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 379-85	9.4	58
197	Novel and established markers of cobalamin deficiency: complementary or exclusive diagnostic strategies. <i>Seminars in Vascular Medicine</i> , 2005 , 5, 140-55		22
196	Multianalyte quantification of vitamin B6 and B2 species in the nanomolar range in human plasma by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry</i> , 2005 , 51, 1206-16	5.5	80
195	Betaine: a key modulator of one-carbon metabolism and homocysteine status. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 1069-75	5.9	153
194	Evaluation of the technical performance of novel holotranscobalamin (holoTC) assays in a multicenter European demonstration project. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 1058-64	5.9	32
193	Effects of oral contraceptives and hormone replacement therapy on markers of cobalamin status. <i>Clinical Chemistry</i> , 2005 , 51, 778-81	5.5	21
192	Changes in lifestyle and plasma total homocysteine: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 812-9	7	49
191	Phenotypic expression of the methylenetetrahydrofolate reductase 677C-->T polymorphism and flavin cofactor availability in thyroid dysfunction. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1050-7	7	14
190	Changes in basal and postmethionine load concentrations of total homocysteine and cystathionine after B vitamin intervention. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 641-8	7	39

189	Vitamin B12 and folate deficiency in later life. <i>Age and Ageing</i> , 2004 , 33, 34-41	3	232
188	Re: Active tamoxifen metabolite plasma concentrations after coadministration of tamoxifen and the selective serotonin reuptake inhibitor paroxetine. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 884; author reply 884-5	9.7	1
187	High-level multiplex genotyping of polymorphisms involved in folate or homocysteine metabolism by matrix-assisted laser desorption/ionization mass spectrometry. <i>Clinical Chemistry</i> , 2004 , 50, 391-402	5.5	45
186	Hematological parameters and cobalamin status in infants born to smoking mothers. <i>Neonatology</i> , 2004 , 85, 249-55	4	6
185	Betaine as a determinant of postmethionine load total plasma homocysteine before and after B-vitamin supplementation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 301-7	9.4	51
184	Homocysteine and folate in pregnancy. <i>Clinical Chemistry</i> , 2004 , 50, 1293-5	5.5	33
183	Facts and recommendations about total homocysteine determinations: an expert opinion. <i>Clinical Chemistry</i> , 2004 , 50, 3-32	5.5	805
182	Screening for serum total homocysteine in newborn children. <i>Clinical Chemistry</i> , 2004 , 50, 1769-84	5.5	69
181	Biochemical signs of impaired cobalamin status during and after radiotherapy for rectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 60, 807-13	4	5
180	Birth prevalence of homocystinuria. <i>Journal of Pediatrics</i> , 2004 , 144, 830-2	3.6	28
179	Associations between maternal methylenetetrahydrofolate reductase polymorphisms and adverse outcomes of pregnancy: the Hordaland Homocysteine Study. <i>American Journal of Medicine</i> , 2004 , 117, 26-31	2.4	121
178	Colorectal cancer and the methylenetetrahydrofolate reductase 677C -> T and methionine synthase 2756A -> G polymorphisms: a study of 2,168 case-control pairs from the JANUS cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004 , 13, 2175-80	4	37
177	Routine determination of serum methylmalonic acid and plasma total homocysteine in Norway. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2003 , 63, 355-67	2	4
176	Hyperhomocysteinemia and B-vitamin deficiencies in infants and children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 1418-26	5.9	27
175	Screening for vitamin B-12 and folate deficiency in older persons. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 1241-7	7	165
174	Homocysteine and methylmalonic acid in diagnosis and risk assessment from infancy to adolescence. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 7-21	7	104
173	Thermolabile methylenetetrahydrofolate reductase, homocysteine, and cardiovascular disease risk: the European Concerted Action Project. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 63-70	7	44
172	Plasma total cysteine, pregnancy complications, and adverse pregnancy outcomes: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 467-72	7	57

171	Cobalamin status and its biochemical markers methylmalonic acid and homocysteine in different age groups from 4 days to 19 years. <i>Clinical Chemistry</i> , 2003 , 49, 2067-75	5.5	81
170	Homocysteine and its relation to B-vitamins in Graves' disease before and after treatment: effect modification by smoking. <i>Journal of Internal Medicine</i> , 2003 , 254, 504-12	10.8	6
169	Plasma vitamin B6 vitamers before and after oral vitamin B6 treatment: a randomized placebo-controlled study. <i>Clinical Chemistry</i> , 2003 , 49, 155-61	5.5	57
168	Predictors of change in plasma total cysteine: longitudinal findings from the Hordaland homocysteine study. <i>Clinical Chemistry</i> , 2003 , 49, 113-20	5.5	33
167	Plasma total cysteine, mortality, and cardiovascular disease hospitalizations: the Hordaland Homocysteine Study. <i>Clinical Chemistry</i> , 2003 , 49, 895-900	5.5	24
166	Folate, vitamin B12, homocysteine, and the MTHFR 677C->T polymorphism in anxiety and depression: the Hordaland Homocysteine Study. <i>Archives of General Psychiatry</i> , 2003 , 60, 618-26		264
165	Determination of choline, betaine, and dimethylglycine in plasma by a high-throughput method based on normal-phase chromatography-tandem mass spectrometry. <i>Clinical Chemistry</i> , 2003 , 49, 286-94	5.5	243
164	Plasma total homocysteine and hospitalizations for cardiovascular disease: the Hordaland Homocysteine Study. <i>Archives of Internal Medicine</i> , 2002 , 162, 1374-81		43
163	Uracil in human DNA from subjects with normal and impaired folate status as determined by high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2002 , 74, 295-9	7.8	24
162	Homocysteine levels in men and women of different ethnic and cultural background living in England. <i>Atherosclerosis</i> , 2002 , 164, 95-102	3.1	47
161	Effects of vitamin therapy on plasma total homocysteine, endothelial injury markers, and fibrinolysis in stroke patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2002 , 11, 1-8	2.8	3
160	Riboflavin, Flavin Mononucleotide, and Flavin Adenine Dinucleotide in Human Plasma and Erythrocytes at Baseline and after Low-Dose Riboflavin Supplementation. <i>Clinical Chemistry</i> , 2002 , 48, 1571-1577	5.5	86
159	Holo-Transcobalamin Is an Early Marker of Changes in Cobalamin Homeostasis. A Randomized Placebo-controlled Study. <i>Clinical Chemistry</i> , 2002 , 48, 1768-1771	5.5	78
158	Riboflavin, flavin mononucleotide, and flavin adenine dinucleotide in human plasma and erythrocytes at baseline and after low-dose riboflavin supplementation. <i>Clinical Chemistry</i> , 2002 , 48, 1571-7	5.5	23
157	Holo-transcobalamin is an early marker of changes in cobalamin homeostasis. A randomized placebo-controlled study. <i>Clinical Chemistry</i> , 2002 , 48, 1768-71	5.5	15
156	Total Plasma Homocysteine in Hypo- and Hyperthyroidism: Covariations and Causality. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1846-1846	5.6	3
155	Population determinants of homocysteine. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 499-500	7	17
154	The Hordaland Homocysteine Studies. <i>Lipids</i> , 2001 , 36 Suppl, S33-9	1.6	46

153	Total homocysteine is making its way into pediatric laboratory diagnostics. <i>European Journal of Clinical Investigation</i> , 2001 , 31, 928-30	4.6	4
152	Disposition of homocysteine in subjects heterozygous for homocystinuria due to cystathionine beta-synthase deficiency: relationship between genotype and phenotype. <i>American Journal of Medical Genetics Part A</i> , 2001 , 100, 204-13		19
151	Smoking, folate and methylenetetrahydrofolate reductase status as interactive determinants of adenomatous and hyperplastic polyps of colorectum. <i>American Journal of Medical Genetics Part A</i> , 2001 , 101, 246-54		73
150	Determinants of cobalamin status in newborns. <i>Pediatrics</i> , 2001 , 108, 624-30	7.4	115
149	Investigation of relationship between reduced, oxidized, and protein-bound homocysteine and vascular endothelial function in healthy human subjects. <i>Circulation Research</i> , 2001 , 89, 187-92	15.7	80
148	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. <i>Atherosclerosis</i> , 2001 , 154, 659-66	3.1	59
147	Biological and clinical implications of the MTHFR C677T polymorphism. <i>Trends in Pharmacological Sciences</i> , 2001 , 22, 195-201	13.2	411
146	Plasma total cysteine as a risk factor for vascular disease: The European Concerted Action Project. <i>Circulation</i> , 2001 , 103, 2544-9	16.7	187
145	Plasma total homocysteine is influenced by prandial status in humans: the Hordaland Homocysteine Study. <i>Journal of Nutrition</i> , 2001 , 131, 1214-6	4.1	29
144	Hyperhomocysteinemia and elevated methylmalonic acid indicate a high prevalence of cobalamin deficiency in Asian Indians. <i>American Journal of Clinical Nutrition</i> , 2001 , 74, 233-41	7	277
143	Plasma total homocysteine and cardiovascular and noncardiovascular mortality: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2001 , 74, 130-6	7	150
142	Plasma Total Homocysteine in Hyper- and Hypothyroid Patients before and during 12 Months of Treatment. <i>Clinical Chemistry</i> , 2001 , 47, 1738-1741	5.5	32
141	Single Nucleotide Polymorphism (SNP) Genotyping in Unprocessed Whole Blood and Serum by Real-Time PCR. <i>Clinical Chemistry</i> , 2001 , 47, 2050-2053	5.5	51
140	Coffee and homocysteine. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 403-4	7	8
139	Signs of impaired cognitive function in adolescents with marginal cobalamin status. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 762-9	7	134
138	Plasma total homocysteine, pregnancy complications, and adverse pregnancy outcomes: the Hordaland Homocysteine study. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 962-8	7	429
137	Riboflavin as a Determinant of Plasma Total Homocysteine: Effect Modification by the Methylenetetrahydrofolate Reductase C677T Polymorphism. <i>Clinical Chemistry</i> , 2000 , 46, 1065-1071	5.5	196
136	The controversy over homocysteine and cardiovascular risk. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 324-32	7	394

135	Evaluation of Indicators of Cobalamin Deficiency Defined as Cobalamin-induced Reduction in Increased Serum Methylmalonic Acid. <i>Clinical Chemistry</i> , 2000 , 46, 1744-1750	5.5	50
134	Evaluation of Novel Assays in Clinical Chemistry: Quantification of Plasma Total Homocysteine. <i>Clinical Chemistry</i> , 2000 , 46, 1150-1156	5.5	87
133	Raised plasma homocysteine as a risk factor for retinal vascular occlusive disease. <i>British Journal of Ophthalmology</i> , 2000 , 84, 154-7	5.5	91
132	Biological and environmental determinants of plasma homocysteine. <i>Seminars in Thrombosis and Hemostasis</i> , 2000 , 26, 263-79	5.3	89
131	Improved vascular endothelial function after oral B vitamins: An effect mediated through reduced concentrations of free plasma homocysteine. <i>Circulation</i> , 2000 , 102, 2479-83	16.7	209
130	Methylenetetrahydrofolate reductase 677 C-->T mutation and coronary heart disease risk in UK Indian Asians. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2448-52	9.4	50
129	Homocysteine and its disulfide derivatives: a suggested consensus terminology. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1704-6	9.4	177
128	Plasma homocysteine concentrations and risk of coronary heart disease in UK Indian Asian and European men. <i>Lancet, The</i> , 2000 , 355, 523-7	4.0	210
127	Plasma Total Homocysteine Levels during Short-Term Iatrogenic Hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1049-1053	5.6	44
126	Determinants of Plasma Homocysteine. <i>Developments in Cardiovascular Medicine</i> , 2000 , 59-84		11
125	Lifestyle and cardiovascular disease risk factors as determinants of total cysteine in plasma: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 1999 , 70, 1016-24	7	118
124	Cobalamin Deficiency in General Practice. Assessment of the Diagnostic Utility and Cost-Benefit Analysis of Methylmalonic Acid Determination in Relation to Current Diagnostic Strategies. <i>Clinical Chemistry</i> , 1999 , 45, 189-198	5.5	75
123	Influence of Aromatase Inhibitors on Plasma Total Homocysteine in Postmenopausal Breast Cancer Patients. <i>Clinical Chemistry</i> , 1999 , 45, 252-256	5.5	9
122	Four Common Mutations of the Cystathionine Synthase Gene Detected by Multiplex PCR and Matrix-assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Clinical Chemistry</i> , 1999 , 45, 1157-1161	5.5	24
121	Quantification of Riboflavin, Flavin Mononucleotide, and Flavin Adenine Dinucleotide in Human Plasma by Capillary Electrophoresis and Laser-induced Fluorescence Detection. <i>Clinical Chemistry</i> , 1999 , 45, 862-868	5.5	73
120	Total homocysteine and cardiovascular disease. <i>Journal of Internal Medicine</i> , 1999 , 246, 425-54	10.8	198
119	Plasma total homocysteine and cysteine in relation to glomerular filtration rate in diabetes mellitus. <i>Kidney International</i> , 1999 , 55, 1028-35	9.9	244
118	Applications of short-chain polydimethylacrylamide as sieving medium for the electrophoretic separation of DNA fragments and mutation analysis in uncoated capillaries. <i>Analytical Biochemistry</i> , 1999 , 276, 188-94	3.1	51

117	Temperature and pH effects on single-strand conformation polymorphism analysis by capillary electrophoresis. <i>Human Mutation</i> , 1999 , 13, 458-63	4.7	25
116	Serum homocysteine levels in postmenopausal breast cancer patients treated with tamoxifen. <i>Cancer Letters</i> , 1999 , 145, 73-7	9.9	12
115	Co-ordinate variations in methylmalonyl-CoA mutase and methionine synthase, and the cobalamin cofactors in human glioma cells during nitrous oxide exposure and the subsequent recovery phase. <i>Biochemical Journal</i> , 1999 , 341, 133-138	3.8	21
114	Risk of persistent cobalamin deficiency in adolescents fed a macrobiotic diet in early life. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 664-71	7	56
113	Co-ordinate variations in methylmalonyl-CoA mutase and methionine synthase, and the cobalamin cofactors in human glioma cells during nitrous oxide exposure and the subsequent recovery phase. <i>Biochemical Journal</i> , 1999 , 341, 133	3.8	8
112	Plasma total homocysteine levels in hyperthyroid and hypothyroid patients. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 89-93	12.7	115
111	The C677T mutation in the methylenetetrahydrofolate reductase gene predisposes to hyperhomocysteinemia in children with familial hypercholesterolemia treated with cholestyramine. <i>Journal of Pediatrics</i> , 1998 , 132, 365-8	3.6	36
110	A common methylenetetrahydrofolate reductase gene mutation and longevity. <i>Atherosclerosis</i> , 1998 , 141, 315-9	3.1	53
109	Homocysteine and cardiovascular disease. <i>Annual Review of Medicine</i> , 1998 , 49, 31-62	17.4	1691
108	Low circulating folate and vitamin B6 concentrations: risk factors for stroke, peripheral vascular disease, and coronary artery disease. European COMAC Group. <i>Circulation</i> , 1998 , 97, 437-43	16.7	406
107	Disruption of a regulatory system involving cobalamin distribution and function in a methionine-dependent human glioma cell line. <i>Journal of Biological Chemistry</i> , 1998 , 273, 20180-4	5.4	18
106	Folate, vitamin B12, and serum total homocysteine levels in confirmed Alzheimer disease. <i>Archives of Neurology</i> , 1998 , 55, 1449-55		1189
105	Major lifestyle determinants of plasma total homocysteine distribution: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 1998 , 67, 263-70	7	344
104	Chemical mismatch cleavage combined with capillary electrophoresis: detection of mutations in exon 8 of the cystathionine β synthase gene. <i>Clinical Chemistry</i> , 1998 , 44, 2108-2114	5.5	18
103	Simultaneous determination of methylenetetrahydrofolate reductase C677T and factor V G1691A genotypes by mutagenically separated PCR and multiple-injection capillary electrophoresis. <i>Clinical Chemistry</i> , 1998 , 44, 264-269	5.5	35
102	Kinetics of Plasma Total Homocysteine in Patients Receiving High-Dose Methotrexate Therapy. <i>Clinical Chemistry</i> , 1998 , 44, 1987-1989	5.5	8
101	Variability and determinants of total homocysteine concentrations in plasma in an elderly population. <i>Clinical Chemistry</i> , 1998 , 44, 102-107	5.5	106
100	Recent data are not in conflict with homocysteine as a cardiovascular risk factor. <i>Current Opinion in Lipidology</i> , 1998 , 9, 533-9	4.4	53

99	Elevated plasma total homocysteine and C677T mutation of the methylenetetrahydrofolate reductase gene in patients with spina bifida. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1997 , 90, 593-6	2.7	23
98	Coffee consumption and plasma total homocysteine: The Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 1997 , 65, 136-43	7	164
97	Effects of hormones on the plasma levels of the atherogenic amino acid homocysteine. <i>Biochemical Society Transactions</i> , 1997 , 25, 33-5	5.1	14
96	The 677C->T mutation in the methylenetetrahydrofolate reductase gene: associations with plasma total homocysteine levels and risk of coronary atherosclerotic disease. <i>Atherosclerosis</i> , 1997 , 132, 105-13 ^{3.1}	3.1	120
95	Plasma homocysteine levels and mortality in patients with coronary artery disease. <i>New England Journal of Medicine</i> , 1997 , 337, 230-6	59.2	1432
94	Reply to FJ Nieto et al. <i>American Journal of Clinical Nutrition</i> , 1997 , 66, 1476-1477	7	2
93	C677T mutation of methylenetetrahydrofolate reductase gene determined in blood or plasma by multiple-injection capillary electrophoresis and laser-induced fluorescence detection. <i>Clinical Chemistry</i> , 1997 , 43, 267-272	5.5	37
92	Kinetic basis of hyperhomocysteinemia in patients with chronic renal failure. <i>Kidney International</i> , 1997 , 52, 495-502	9.9	178
91	Assessment of homocysteine status. <i>Journal of Inherited Metabolic Disease</i> , 1997 , 20, 286-94	5.4	58
90	Elevated plasma levels of reduced homocysteine in common variable immunodeficiency--a marker of enhanced oxidative stress. <i>European Journal of Clinical Investigation</i> , 1997 , 27, 723-30	4.6	24
89	Response of the methionine synthase system to short-term culture with homocysteine and nitrous oxide and its relation to methionine dependence. <i>International Journal of Cancer</i> , 1997 , 72, 301-6	7.5	6
88	Analysis of single-strand conformation polymorphism by capillary electrophoresis with laser-induced fluorescence detection using short-chain polyacrylamide as sieving medium. <i>Analytical Biochemistry</i> , 1997 , 245, 79-84	3.1	58
87	Plasma total homocysteine, B vitamins, and risk of coronary atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 989-95	9.4	159
86	Association between plasma total homocysteine and parental history of cardiovascular disease in children with familial hypercholesterolemia. <i>Circulation</i> , 1997 , 96, 1803-8	16.7	43
85	On the Formation and Fate of Total Plasma Homocysteine. <i>Developments in Cardiovascular Medicine</i> , 1997 , 23-29		2
84	Homocysteine and Drug Therapy. <i>Developments in Cardiovascular Medicine</i> , 1997 , 145-152		
83	Plasma homocysteine as a risk factor for vascular disease. The European Concerted Action Project. <i>JAMA - Journal of the American Medical Association</i> , 1997 , 277, 1775-1781	27.4	1153
82	The Hordaland Homocysteine Study: Lifestyle and Total Plasma Homocysteine in Western Norway. <i>Developments in Cardiovascular Medicine</i> , 1997 , 177-182		10

81	Kinetics of total plasma homocysteine in subjects with hyperhomocysteinemia due to folate or cobalamin deficiency. <i>American Journal of Clinical Nutrition</i> , 1996 , 63, 194-202	7	59
80	The Hordaland homocysteine study: the opposite tails odds ratios reveal differential effects of gender and intake of vitamin supplements at high and low plasma total homocysteine concentrations. <i>Journal of Nutrition</i> , 1996 , 126, 1244S-8S	4.1	15
79	Elevated plasma concentration of reduced homocysteine in patients with human immunodeficiency virus infection. <i>American Journal of Clinical Nutrition</i> , 1996 , 63, 242-8	7	41
78	Reduced, oxidized and protein-bound forms of homocysteine and other aminothiols in plasma comprise the redox thiol status--a possible element of the extracellular antioxidant defense system. <i>Journal of Nutrition</i> , 1996 , 126, 1281S-4S	4.1	143
77	Analysis of RNA by capillary electrophoresis. <i>Electrophoresis</i> , 1996 , 17, 1512-7	3.6	34
76	Plasma homocysteine as a risk factor for cardiovascular disease and as an indicator of vitamin deficiencies. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1996 , 56, 1-9	2	1
75	Determinants and vitamin responsiveness of intermediate hyperhomocysteinemia (> or = 40 micromol/liter). The Hordaland Homocysteine Study. <i>Journal of Clinical Investigation</i> , 1996 , 98, 2174-83	15.9	176
74	Relation of total homocysteine and lipid levels in children to premature cardiovascular death in male relatives. <i>Pediatric Research</i> , 1996 , 40, 47-52	3.2	74
73	Plasma levels of the atherogenic amino acid homocysteine in post-menopausal women with breast cancer treated with tamoxifen. <i>International Journal of Cancer</i> , 1995 , 60, 365-8	7.5	77
72	Redox status and protein binding of plasma homocysteine and other aminothiols in patients with early-onset peripheral vascular disease. Homocysteine and peripheral vascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 232-40	9.4	186
71	Total plasma homocysteine and cardiovascular risk profile. The Hordaland Homocysteine Study. <i>JAMA - Journal of the American Medical Association</i> , 1995 , 274, 1526-33	27.4	559
70	Application of capillary electrophoresis with laser-induced fluorescence detection for routine determination of methylmalonic acid in human serum. <i>Analytical Chemistry</i> , 1995 , 67, 812-9	7.8	59
69	Serum total homocysteine and coronary heart disease. <i>International Journal of Epidemiology</i> , 1995 , 24, 704-9	7.8	542
68	Prospective study of serum total homocysteine concentration and risk of stroke in middle-aged British men. <i>Lancet, The</i> , 1995 , 346, 1395-8	40	728
67	Pharmacokinetics of tamoxifen in premenopausal and postmenopausal women with breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 55, 229-31	5.1	15
66	Determination of droloxifene and two metabolites in serum by high-pressure liquid chromatography. <i>Therapeutic Drug Monitoring</i> , 1995 , 17, 259-65	3.2	12
65	Analysis of double-stranded DNA by capillary electrophoresis with laser-induced fluorescence detection using the monomeric dye SYBR green I. <i>Analytical Biochemistry</i> , 1995 , 231, 359-65	3.1	108
64	Plasma homocysteine levels in patients with deep venous thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 1321-3	9.4	46

63	Plasma concentrations of homocysteine and other aminothiols compounds are related to food intake in healthy human subjects. <i>Journal of Nutrition</i> , 1994 , 124, 1934-41	4.1	125
62	Redox status and protein binding of plasma homocysteine and other aminothiols in patients with hyperhomocysteinemia due to cobalamin deficiency. <i>American Journal of Clinical Nutrition</i> , 1994 , 59, 631-5	7	40
61	Effect of methionine and nitrous oxide on homocysteine export and remethylation in fibroblasts from cystathionine synthase-deficient, cb1G, and cb1E patients. <i>Pediatric Research</i> , 1994 , 35, 3-9	3.2	12
60	Methylmalonic acid and homocysteine in plasma as indicators of functional cobalamin deficiency in infants on macrobiotic diets. <i>Pediatric Research</i> , 1994 , 36, 194-201	3.2	88
59	Capillary zone electrophoresis with laser-induced fluorescence detection for analysis of methylmalonic acid and other short-chain dicarboxylic acids derivatized with 1-pyrenyldiazomethane. <i>Journal of Chromatography A</i> , 1994 , 669, 185-193	4.5	17
58	13th all Ireland social medicine meeting. <i>Irish Journal of Medical Science</i> , 1994 , 163, 30-36	1.9	
57	The interaction between nitrous oxide and cobalamin. Biochemical effects and clinical consequences. <i>Acta Anaesthesiologica Scandinavica</i> , 1994 , 38, 753-6	1.9	21
56	Preoperative methionine loading enhances restoration of the cobalamin-dependent enzyme methionine synthase after nitrous oxide anesthesia. <i>Anesthesiology</i> , 1994 , 80, 1046-56	4.3	38
55	Hyperhomocysteinemia in patients operated for lower extremity ischaemia below the age of 50--effect of smoking and extent of disease. <i>European Journal of Vascular Surgery</i> , 1993 , 7, 391-6		62
54	Proliferation, migration and invasion of human glioma cells exposed to antifolate drugs. <i>International Journal of Cancer</i> , 1993 , 54, 112-8	7.5	21
53	Redox status and protein binding of plasma homocysteine and other aminothiols in patients with homocystinuria. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 1481-5	12.7	79
52	Formation in an aqueous matrix and properties and chromatographic behavior of 1-pyrenyldiazomethane derivatives of methylmalonic acid and other short-chain dicarboxylic acids. <i>Analytical Chemistry</i> , 1992 , 64, 315-319	7.8	36
51	DNA cell cycle distribution and glutathione (GSH) content according to circadian stage in bone marrow of cancer patients. <i>British Journal of Cancer</i> , 1992 , 66, 39-45	8.7	36
50	Determination of the in vivo redox status of cysteine, cysteinylglycine, homocysteine, and glutathione in human plasma. <i>Analytical Biochemistry</i> , 1992 , 200, 218-29	3.1	454
49	Distribution of tamoxifen and metabolites into brain tissue and brain metastases in breast cancer patients. <i>British Journal of Cancer</i> , 1991 , 63, 641-5	8.7	125
48	Homocysteine levels in patients with rheumatoid arthritis treated with low-dose methotrexate. <i>Clinical Pharmacology and Therapeutics</i> , 1991 , 50, 547-56	6.1	34
47	Monitoring cobalamin inactivation during nitrous oxide anesthesia by determination of homocysteine and folate in plasma and urine. <i>Clinical Pharmacology and Therapeutics</i> , 1991 , 49, 385-93	6.1	95
46	A nonradioactive assay for N5-methyltetrahydrofolate-homocysteine methyltransferase (methionine synthase) based on o-phthaldialdehyde derivatization of methionine and fluorescence detection. <i>Analytical Biochemistry</i> , 1991 , 199, 112-8	3.1	25

45	Homocysteine export from cells cultured in the presence of physiological or superfluous levels of methionine: methionine loading of non-transformed, transformed, proliferating, and quiescent cells in culture. <i>Journal of Cellular Physiology</i> , 1991 , 146, 52-62	7	64
44	Modulation of glutathione content and the effect on methionine auxotrophy and cellular distribution of homocysteine and cysteine in mouse cell lines. <i>Carcinogenesis</i> , 1991 , 12, 241-7	4.6	17
43	Glutathione content in human bone marrow and circadian stage relation to DNA synthesis. <i>Journal of the National Cancer Institute</i> , 1991 , 83, 1092-8	9.7	37
42	Determination of reduced, oxidized, and protein-bound glutathione in human plasma with precolumn derivatization with monobromobimane and liquid chromatography. <i>Analytical Biochemistry</i> , 1990 , 184, 338-46	3.1	150
41	Methotrexate sensitivity in Down's syndrome: a hypothesis. <i>Cancer Chemotherapy and Pharmacology</i> , 1990 , 25, 384-6	3.5	29
40	Clinical significance of pharmacological modulation of homocysteine metabolism. <i>Trends in Pharmacological Sciences</i> , 1990 , 11, 411-6	13.2	47
39	Growth state dependent increase of glutathione by homocysteine and other thiols, and homocysteine formation in glutathione depleted mouse cell lines. <i>Biochemical Pharmacology</i> , 1990 , 39, 421-9	6	15
38	Changes in peroxisomes and mitochondria in liver of ethionine exposed rats: a biochemical and morphological investigation. <i>Carcinogenesis</i> , 1989 , 10, 987-94	4.6	7
37	Fasting plasma homocysteine as a sensitive parameter of antifolate effect: a study of psoriasis patients receiving low-dose methotrexate treatment. <i>Clinical Pharmacology and Therapeutics</i> , 1989 , 46, 510-20	6.1	103
36	Effect of methotrexate on homocysteine and other sulfur compounds in tissues of rats fed a normal or a defined, choline-deficient diet. <i>Cancer Chemotherapy and Pharmacology</i> , 1988 , 21, 313-8	3.5	21
35	Effect of methotrexate on long-chain fatty acid metabolism in liver of rats fed a standard or a defined, choline-deficient diet. <i>Lipids and Lipid Metabolism</i> , 1988 , 958, 70-80		14
34	Ethionine-induced alterations of enzymes involved in lipid metabolism and their possible relationship to induction of fatty liver. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 349-58		4
33	Differential metabolic response of rat liver, kidney and spleen to ethionine exposure. S-adenosylamino acids, homocysteine and reduced glutathione in tissues. <i>Carcinogenesis</i> , 1988 , 9, 227-32	4.6	11
32	Effect of choline-deficiency and methotrexate administration on peroxisomal beta-oxidation, palmitoyl-CoA hydrolase activity and the glutathione content in rat liver. <i>Carcinogenesis</i> , 1988 , 9, 619-24	4.6	5
31	Growth support and toxicity of homocysteine and its effects on methionine metabolism in non-transformed and chemically transformed C3H/10T1/2 cells. <i>Carcinogenesis</i> , 1988 , 9, 9-16	4.6	9
30	Alterations in the metabolism of oestrogens during treatment with aminoglutethimide in breast cancer patients. Preliminary findings. <i>Clinical Pharmacokinetics</i> , 1987 , 13, 393-406	6.2	49
29	Methylthioadenosine phosphorylase in human breast cancer. <i>Breast Cancer Research and Treatment</i> , 1987 , 9, 53-9	4.4	4
28	The influence of a graded dose schedule of aminoglutethimide on the disposition of the optical enantiomers of warfarin in patients with breast cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 1986 , 17, 177-81	3.5	19

27	Determination of warfarin in human plasma by high performance liquid chromatography and photodiode array detector. <i>Therapeutic Drug Monitoring</i> , 1985 , 7, 329-35	3.2	17
26	Single-dose and steady-state pharmacokinetics of aminoglutethimide. <i>Clinical Pharmacokinetics</i> , 1985 , 10, 353-64	6.2	22
25	Regional distribution of homocysteine in the mammalian brain. <i>Journal of Neurochemistry</i> , 1984 , 43, 1755-7		20
24	Determination of aminoglutethimide and N-acetylaminoglutethimide in human plasma by reversed-phase liquid chromatography. <i>Therapeutic Drug Monitoring</i> , 1984 , 6, 221-6	3.2	14
23	Neurotoxicity of deoxycoformycin: effect of constant infusion on adenosine deaminase, adenosine, 2'-deoxyadenosine and monoamines in the mouse brain. <i>Neuropharmacology</i> , 1983 , 22, 915-7	5.5	9
22	Binding of S-adenosylhomocysteine to various domains of the plasma membrane and to the endoplasmic reticulum from rat liver: relation between binding and phospholipid methyltransferase activity. <i>Archives of Biochemistry and Biophysics</i> , 1983 , 227, 373-8	4.1	3
21	Simple method for increasing the life-time of 3- μ m particulate columns for reversed-phase liquid chromatography. <i>Biomedical Applications</i> , 1983 , 276, 157-162		6
20	Interaction of Adenosine with Adenosine-Binding Protein, S-Adenosylhomocysteine Hydrolase 1983 , 157-170		3
19	Inhibition of phospholipid methylation in isolated rat hepatocytes by analogues of adenosine and S-adenosylhomocysteine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1982 , 721, 399-407	4.9	21
18	Effect of 5'-deoxy-5'-S-isobutyl-thioadenosine (SIBA) on the disposition of 5'-methylthioadenosine by isolated rat hepatocytes. <i>FEBS Letters</i> , 1982 , 137, 196-200	3.8	6
17	Evidence against a requirement for phospholipid methylation in adenylate cyclase activation by hormones. Methyltransferase inhibitors do not impair cyclic AMP accumulation induced by glucagon or beta-adrenergic agents in rat hepatocytes. <i>FEBS Letters</i> , 1982 , 138, 167-72	3.8	19
16	Comparison of some physicochemical and kinetic properties of S-adenosylhomocysteine hydrolase from bovine liver, bovine adrenal cortex and mouse liver. <i>BBA - Proteins and Proteomics</i> , 1982 , 708, 185-93		26
15	S-Adenosylhomocysteinase from mouse liver. Inactivation of the enzyme in the presence of metabolites. <i>International Journal of Biochemistry & Cell Biology</i> , 1982 , 14, 207-13		10
14	Regional and subcellular distribution of S-adenosylhomocysteine hydrolase in the adult rat brain. <i>Journal of Neurochemistry</i> , 1980 , 35, 484-8	6	38
13	S-Adenosylhomocysteine hydrolase in human and rat liver is localized to the cytosol fraction of the tissue homogenate. <i>FEBS Letters</i> , 1979 , 101, 184-6	3.8	10
12	S-Adenosylhomocysteinase from mouse liver. Effect of adenine and adenine nucleotides on the enzyme catalysis. <i>Biochemistry</i> , 1979 , 18, 4130-5	3.2	38
11	Cyclic AMP-adenosine binding protein/S-adenosylhomocysteinase from mouse liver. A fraction of adenosine bound is converted to adenine. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1979 , 585, 512-26	4	19
10	A study on the sequestration of adenosine and its conversion to adenine by the cyclic AMP-adenosine binding protein/S-adenosylhomocysteinase from mouse liver. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1979 , 587, 333-40	4	14

9	Sequestration of adenosine in crude extract from mouse liver and other tissues. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1979 , 587, 341-52	4	34
8	The isozyme pattern of cyclic AMP-dependent protein kinase and the distribution of a cervicovaginal antigen in experimental carcinoma of the cervix uteri of mice. <i>Acta Pathologica Et Microbiologica Scandinavica Section A, Pathology</i> , 1978 , 86, 121-30		
7	An adenosine 3':5'-monophosphate-adenosine binding protein from mouse liver: some physicochemical properties. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1978 , 533, 57-65		13
6	An adenosine 3':5'-monophosphate/adenosine binding protein from mouse liver. A study of its interaction with synthetic and naturally occurring adenosine derivatives. <i>FEBS Journal</i> , 1978 , 86, 27-34		15
5	An adenosine 3':5'-monophosphate-adenosine binding protein from mouse liver. Factors affecting the activation of the binding protein by adenosine 5'-triphosphate. <i>Archives of Biochemistry and Biophysics</i> , 1978 , 185, 195-203	4.1	9
4	Protein kinases in human renal cell carcinoma and renal cortex. A comparison of isozyme distribution and of responsiveness to adenosine 3':5'-cyclic monophosphate. <i>Archives of Biochemistry and Biophysics</i> , 1978 , 189, 272-81	4.1	44
3	Binding proteins for adenosine 3':5'-cyclic monophosphate in bovine adrenal cortex. <i>Biochemical Journal</i> , 1977 , 165, 561-73	3.8	29
2	A cAMP receptor from mouse liver cytosol whose binding capacity is enhanced by Mg ⁺⁺ -ATP. <i>Biochemical and Biophysical Research Communications</i> , 1975 , 66, 606-13	3.4	39
1	MTHFR Polymorphisms and Disease		9