Steven H Zeisel

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.

 306
 17,299
 76
 121

 papers
 citations
 h-index
 g-index

 330
 19,247
 4.6
 7.1

 ext. papers
 ext. citations
 avg, IF
 L-index

#	Paper	IF	Citations
306	Black American Maternal Prenatal Choline, Offspring Gestational Age at Birth, and Developmental Predisposition to Mental Illness. <i>Schizophrenia Bulletin</i> , 2021 , 47, 896-905	1.3	3
305	Polymorphisms in SLC44A1 are associated with cognitive improvement in children diagnosed with fetal alcohol spectrum disorder: an exploratory study of oral choline supplementation. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 617-627	7	1
304	Targeting Treatments to Health Disparities. Schizophrenia Bulletin, 2021, 47, 886-887	1.3	1
303	Prenatal choline, cannabis, and infection, and their association with offspring development of attention and social problems through 4 years of age. <i>Psychological Medicine</i> , 2021 , 1-10	6.9	6
302	Two methods for assessment of choline status in a randomized crossover study with varying dietary choline intake in people: isotope dilution MS of plasma and in vivo single-voxel magnetic resonance spectroscopy of liver. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1670-1678	7	4
301	Four-year follow-up of a randomized controlled trial of choline for neurodevelopment in fetal alcohol spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2020 , 12, 9	4.6	32
300	Precision (Personalized) Nutrition: Understanding Metabolic Heterogeneity. <i>Annual Review of Food Science and Technology</i> , 2020 , 11, 71-92	14.7	32
299	Perspective: Dietary Biomarkers of Intake and Exposure-Exploration with Omics Approaches. <i>Advances in Nutrition</i> , 2020 , 11, 200-215	10	35
298	Choline 2020 , 305-318		1
297	The Association of Dietary Choline and Betaine With the Risk of Type 2 Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Diabetes Care</i> , 2020 , 43, 2840-2846	14.6	5
296	The Nutrigenetics of Choline 2020 , 303-308		
295	Choline: The Neurocognitive Essential Nutrient of Interest to Obstetricians and Gynecologists. <i>Journal of Dietary Supplements</i> , 2020 , 17, 733-752	2.3	9
294	Protein Intake at Twice the RDA in Older Men Increases Circulatory Concentrations of the Microbiome Metabolite Trimethylamine-N-Oxide (TMAO). <i>Nutrients</i> , 2019 , 11,	6.7	16
293	Low availability of choline disrupts development and function of the retina. <i>FASEB Journal</i> , 2019 , 33, 9194-9209	0.9	5
292	Dietary choline and betaine intakes and risk of total and lethal prostate cancer in the Atherosclerosis Risk in Communities (ARIC) Study. <i>Cancer Causes and Control</i> , 2019 , 30, 343-354	2.8	3
291	A Conceptual Framework for Studying and Investing in Precision Nutrition. <i>Frontiers in Genetics</i> , 2019 , 10, 200	4.5	12
290	Betaine-homocysteine -methyltransferase deficiency causes increased susceptibility to noise-induced hearing loss associated with plasma hyperhomocysteinemia. <i>FASEB Journal</i> , 2019 , 33, 5942-5956	0.9	3

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289	MicroRNA-129-5p is regulated by choline availability and controls EGF receptor synthesis and neurogenesis in the cerebral cortex. <i>FASEB Journal</i> , 2019 , 33, 3601-3612	0.9	15
288	Choline. Advances in Nutrition, 2018, 9, 58-60	10	34
287	Dietary Modulation of the Epigenome. <i>Physiological Reviews</i> , 2018 , 98, 667-695	47.9	46
286	Choline: The Underconsumed and Underappreciated Essential Nutrient. <i>Nutrition Today</i> , 2018 , 53, 240-	2536	38
285	Feasibility and Acceptability of Maternal Choline Supplementation in Heavy Drinking Pregnant Women: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 1315-1326	3.7	11
284	Efficacy of Maternal Choline Supplementation During Pregnancy in Mitigating Adverse Effects of Prenatal Alcohol Exposure on Growth and Cognitive Function: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 1327-1341	3.7	63
283	Altered methylation of specific DNA loci in the liver of -null mice results in repression of and and is associated with development of preneoplastic foci. <i>FASEB Journal</i> , 2017 , 31, 2090-2103	0.9	8
282	Astronaut ophthalmic syndrome. <i>FASEB Journal</i> , 2017 , 31, 3746-3756	0.9	30
281	Deletion of one allele of Mthfd1 (methylenetetrahydrofolate dehydrogenase 1) impairs learning in mice. <i>Behavioural Brain Research</i> , 2017 , 332, 71-74	3.4	4
280	Choline and its metabolites are differently associated with cardiometabolic risk factors, history of cardiovascular disease, and MRI-documented cerebrovascular disease in older adults. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1283-1290	7	29
279	Contribution of Dietary Supplements to Nutritional Adequacy in Various Adult Age Groups. <i>Nutrients</i> , 2017 , 9,	6.7	37
278	Choline, Other Methyl-Donors and Epigenetics. <i>Nutrients</i> , 2017 , 9,	6.7	96
277	Reduced brain volume and impaired memory in betaine homocysteine S-methyltransferase knockout mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 1228-1231	3	10
276	Trimethylamine N-Oxide, the Microbiome, and Heart and Kidney Disease. <i>Annual Review of Nutrition</i> , 2017 , 37, 157-181	9.9	204
275	Betaine is accumulated via transient choline dehydrogenase activation during mouse oocyte meiotic maturation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 13784-13794	5.4	7
274	Impact of Frequency of Multi-Vitamin/Multi-Mineral Supplement Intake on Nutritional Adequacy and Nutrient Deficiencies in U.S. Adults. <i>Nutrients</i> , 2017 , 9,	6.7	53
273	Contribution of Dietary Supplements to Nutritional Adequacy in Race/Ethnic Population Subgroups in the United States. <i>Nutrients</i> , 2017 , 9,	6.7	18
272	Contribution of Dietary Supplements to Nutritional Adequacy by Socioeconomic Subgroups in Adults of the United States. <i>Nutrients</i> , 2017 , 10,	6.7	23

271	Microbiota-Dependent Metabolite Trimethylamine N-Oxide and Coronary Artery Calcium in the Coronary Artery Risk Development in Young Adults Study (CARDIA). <i>Journal of the American Heart Association</i> , 2016 , 5,	6	92
270	Plasma 1-carbon metabolites and academic achievement in 15-yr-old adolescents. <i>FASEB Journal</i> , 2016 , 30, 1683-8	0.9	4
269	Genotype, B-vitamin status, and androgens affect spaceflight-induced ophthalmic changes. <i>FASEB Journal</i> , 2016 , 30, 141-8	0.9	32
268	Metabolomic Approaches to Explore Chemical Diversity of Human Breast-Milk, Formula Milk and Bovine Milk. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	30
267	Maternal dietary intake of choline in mice regulates development of the cerebral cortex in the offspring. <i>FASEB Journal</i> , 2016 , 30, 1566-78	0.9	37
266	Vitamin and Mineral Intake Is Inadequate for Most Americans: What Should We Advise Patients About Supplements?. <i>Journal of Family Practice</i> , 2016 , 65, S1-S8	0.2	5
265	Extracts of Fruits and Vegetables Activate the Antioxidant Response Element in IMR-32 Cells. Journal of Nutrition, 2015 , 145, 2006-11	4.1	9
264	Evidence for negative selection of gene variants that increase dependence on dietary choline in a Gambian cohort. <i>FASEB Journal</i> , 2015 , 29, 3426-35	0.9	14
263	Liver transplantation for treatment of severe S-adenosylhomocysteine hydrolase deficiency. <i>Molecular Genetics and Metabolism</i> , 2015 , 116, 44-52	3.7	27
262	Interactions Between Nuclear Receptor SHP and FOXA1 Maintain Oscillatory Homocysteine Homeostasis in Mice. <i>Gastroenterology</i> , 2015 , 148, 1012-1023.e14	13.3	38
261	Choline supplementation in children with fetal alcohol spectrum disorders: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1113-25	7	66
2 60	Folic acid deficiency induces premature hearing loss through mechanisms involving cochlear oxidative stress and impairment of homocysteine metabolism. <i>FASEB Journal</i> , 2015 , 29, 418-32	0.9	42
259	Mechanism of choline deficiency and membrane alteration in postural orthostatic tachycardia syndrome primary skin fibroblasts. <i>FASEB Journal</i> , 2015 , 29, 1663-75	0.9	13
258	Rapid LC-MRM-MS assay for simultaneous quantification of choline, betaine, trimethylamine, trimethylamine N-oxide, and creatinine in human plasma and urine. <i>Electrophoresis</i> , 2015 , 36, 2207-221	4 ^{3.6}	42
257	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. <i>Nature Communications</i> , 2014 , 5, 3746	17.4	362
256	Effect of egg ingestion on trimethylamine-N-oxide production in humans: a randomized, controlled, dose-response study. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 778-86	7	165
255	Identification of new genetic polymorphisms that alter the dietary requirement for choline and vary in their distribution across ethnic and racial groups. <i>FASEB Journal</i> , 2014 , 28, 2970-8	0.9	46
254	Genetic signatures in choline and 1-carbon metabolism are associated with the severity of hepatic steatosis. <i>FASEB Journal</i> , 2013 , 27, 1674-89	0.9	32

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253	Highlights of the 2012 Research Workshop: Using nutrigenomics and metabolomics in clinical nutrition research. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013 , 37, 190-200	4.2	10
252	Inadequate intake of nutrients essential for neurodevelopment in children with fetal alcohol spectrum disorders (FASD). <i>Neurotoxicology and Teratology</i> , 2013 , 39, 128-32	3.9	23
251	Choline supplementation in children with fetal alcohol spectrum disorders has high feasibility and tolerability. <i>Nutrition Research</i> , 2013 , 33, 897-904	4	46
250	Alteration of bile acid metabolism in the rat induced by chronic ethanol consumption. <i>FASEB Journal</i> , 2013 , 27, 3583-93	0.9	129
249	Spectral deconvolution for gas chromatography mass spectrometry-based metabolomics: current status and future perspectives. <i>Computational and Structural Biotechnology Journal</i> , 2013 , 4, e2013010	13 ^{6.8}	43
248	DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1217-27	7	101
247	Choline Tole in maintaining liver function: new evidence for epigenetic mechanisms. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 339-45	3.8	61
246	Metabolic crosstalk between choline/1-carbon metabolism and energy homeostasis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 467-75	5.9	59
245	Nutrition in pregnancy: the argument for including a source of choline. <i>International Journal of Womeni</i> s <i>Health</i> , 2013 , 5, 193-9	2.8	55
244	Effect of Chdh deletion on mouse fetal neurogenesis and apoptosis. FASEB Journal, 2013, 27, 1058.7	0.9	
243	Perturbed 1-carbon metabolism alters bile acid pools and insulin signaling. FASEB Journal, 2013, 27, 107	773.59	
242	Dietary choline deficiency causes DNA strand breaks and alters epigenetic marks on DNA and histones. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012 , 733, 34-8	3.3	66
241	Integrated profiling of metabolites and trace elements reveals a multifaceted malnutrition in pregnant women from a region with a high prevalence of congenital malformations. <i>Metabolomics</i> , 2012 , 8, 831-844	4.7	3
240	Diet-gene interactions underlie metabolic individuality and influence brain development: implications for clinical practice derived from studies on choline metabolism. <i>Annals of Nutrition and Metabolism</i> , 2012 , 60 Suppl 3, 19-25	4.5	16
239	Lipids: Absorption and Transport 2012 , 118-131		3
238	Lipids: Cellular Metabolism 2012 , 132-148		5
237	Dietary Fiber 2012 , 97-117		2
236	Metabolomics 2012 , 38-57		

235 Systems Biology Approaches to Nutrition **2012**, 1-13

234	The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic. <i>Toxicology and Applied Pharmacology</i> , 2012 , 264, 439-50	4.6	45
233	Dietary Flavonoids 2012 , 419-433		1
232	Choline 2012 , 405-418		8
231	Sodium, Chloride, and Potassium 2012 , 475-492		6
230	Human Water and Electrolyte Balance 2012 , 493-505		3
229	lodine and lodine Deficiency Disorders 2012 , 554-567		6
228	Manganese, Molybdenum, Boron, Chromium, and Other Trace Elements 2012 , 586-607		7
227	Nutrition and Aging 2012 , 654-668		1
226	Sports Nutrition 2012 , 669-687		
225	Nutrient Regulation of the Immune Response 2012 , 688-708		5
224	Obesity as a Health Risk 2012 , 709-720		2
223	Insulin Resistance and the Metabolic Syndrome 2012 , 732-744		
222	Atherosclerotic Cardiovascular Disease 2012 , 745-805		1
221	Eye Disease 2012 , 939-981		
220	Specialized Nutrition Support 2012 , 982-999		
219	Body Composition Evaluation 2012 , 1000-1011		
218	Estimation of Dietary Intake 2012 , 1012-1026		9

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217	Taste and Food Choices 2012 , 1027-1042	3
216	Epidemiologic Approaches to Evaluation of Nutrition and Health 2012 , 1071-1081	1
215	Nutrition Monitoring in the United States 2012 , 1082-1109	2
214	Dietary Standards and Guidelines: Similarities and Differences Among Countries 2012 , 1110-1134	6
213	The Role of United Nations Agencies in Establishing International Dietary Standards 2012 , 1135-1150	
212	Emergence of Diet-Related Chronic Diseases in Developing Countries 2012 , 1151-1164	1
211	Food Insecurity, Hunger, and Undernutrition 2012 , 1165-1181	1
210	Public Nutrition in Humanitarian Crises 2012 , 1182-1205	
209	Foodborne Infections and Food Safety 2012 , 1206-1221	1
208	Food Biofortification: Breeding and Biotechnology Approaches to Improve Nutrients in Vegetables and Oil Quality in Soybean 2012 , 1236-1254	
207	Food Allergies and Intolerances 2012 , 1222-1235	2
206	Bioactive Components in Foods and Supplements for Health Promotion 2012 , 1255-1267	
205	Infant Nutrition 2012 , 624-636	1
204	Maternal Nutrient Metabolism and Requirements in Pregnancy and Lactation 2012 , 608-623	2
203	Strategies for Changing Eating and Exercise Behavior to Promote Weight Loss and Maintenance 2012 , 1057-1070	1
202	Energy Intake, Obesity, and Eating Behavior 2012 , 1043-1056	
201	Protein and Amino Acids 2012 , 69-82	2
200	Carotenoids 2012 , 185-198	

199	Thiamin 2012 , 261-279		7
198	Riboflavin 2012 , 280-292		5
197	Niacin 2012 , 293-306		12
196	Vitamin B6 2012 , 307-320		7
195	Folate 2012 , 321-342		13
194	Vitamin B12 2012, 343-358		2
193	L-Carnitine 2012 , 391-404		4
192	Pantothenic Acid 2012 , 375-390		5
191	Nutritional Epigenetics 2012 , 14-26		3
190	Genetic Variation and Nutrient Metabolism 2012 , 27-37		
189	Alcohol: Its Role in Nutrition and Health 2012 , 912-938		1
188	Nutrition and Gastrointestinal Illness 2012 , 857-873		
187	Kidney Disease 2012 , 874-888		
186	Liver Disease 2012 , 889-911		
185	The nutrigenetics and nutrigenomics of the dietary requirement for choline. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 108, 159-77	4	10
184	A brief history of choline. <i>Annals of Nutrition and Metabolism</i> , 2012 , 61, 254-8	4.5	54
183	Choline metabolism provides novel insights into nonalcoholic fatty liver disease and its progression. <i>Current Opinion in Gastroenterology</i> , 2012 , 28, 159-65	3	258
182	Choline intake and risk of lethal prostate cancer: incidence and survival. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 855-63	7	41

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181	energy expenditure and impairing lipid synthesis and enhancing glucose oxidation in white adipose tissue. <i>Journal of Biological Chemistry</i> , 2012 , 287, 16187-98	5.4	31
180	Phosphatidylcholine supplementation in pregnant women consuming moderate-choline diets does not enhance infant cognitive function: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1465-72	7	66
179	Choline dehydrogenase polymorphism rs12676 is a functional variation and is associated with changes in human sperm cell function. <i>PLoS ONE</i> , 2012 , 7, e36047	3.7	21
178	Choline dehydrogenase polymorphism rs12676 is a functional variation associated with changes in human sperm cell function. <i>FASEB Journal</i> , 2012 , 26, 126.7	0.9	
177	Genotype-based hierarchical clustering reveals a panel of polymorphisms in one carbon metabolism that are associated with obesity. <i>FASEB Journal</i> , 2012 , 26, 819.18	0.9	
176	Nutrition Education for Practicing Physicians. <i>FASEB Journal</i> , 2012 , 26, lb408	0.9	
175	Menopause status explains large individual variation in cardiovascular disease risk marker response to different dietary choline intake levels. <i>FASEB Journal</i> , 2012 , 26, lb435	0.9	1
174	Association between composition of the human gastrointestinal microbiome and development of fatty liver with choline deficiency. <i>Gastroenterology</i> , 2011 , 140, 976-86	13.3	424
173	The supply of choline is important for fetal progenitor cells. <i>Seminars in Cell and Developmental Biology</i> , 2011 , 22, 624-8	7.5	38
172	What choline metabolism can tell us about the underlying mechanisms of fetal alcohol spectrum disorders. <i>Molecular Neurobiology</i> , 2011 , 44, 185-91	6.2	44
171	Dietary Choline, Betaine, Methionine, and Epigenetic Mechanisms Influencing Brain Development 2011 , 225-240		
170	Docosahexaenoic acid in plasma phosphatidylcholine may be a potential marker for in vivo phosphatidylethanolamine N-methyltransferase activity in humans. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 968-74	7	45
169	Nutritional genomics: defining the dietary requirement and effects of choline. <i>Journal of Nutrition</i> , 2011 , 141, 531-4	4.1	63
168	Aberrant estrogen regulation of PEMT results in choline deficiency-associated liver dysfunction. Journal of Biological Chemistry, 2011 , 286, 1649-58	5.4	67
167	Deletion of betaine-homocysteine S-methyltransferase in mice perturbs choline and 1-carbon metabolism, resulting in fatty liver and hepatocellular carcinomas. <i>Journal of Biological Chemistry</i> , 2011 , 286, 36258-67	5.4	140
166	Elevating Awareness and Intake of Choline. <i>Nutrition Today</i> , 2011 , 46, 235-241	1.6	4
165	Dietary Choline for Brain Development 2011 , 2089-2104		
164	Maternal dietary choline deficiency alters angiogenesis in fetal mouse hippocampus. <i>FASEB Journal</i> , 2011 , 25, lb182	0.9	

163	Nutrition Education for Practicing Physicians (NEPP). FASEB Journal, 2011, 25, 989.29	0.9	
162	Evidence-based criteria in the nutritional context. <i>Nutrition Reviews</i> , 2010 , 68, 478-84	6.4	124
161	A grand challenge for nutrigenomics. <i>Frontiers in Genetics</i> , 2010 , 1, 2	4.5	5
160	Choline intake and genetic polymorphisms influence choline metabolite concentrations in human breast milk and plasma. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 336-46	7	90
159	Dietary choline requirements of women: effects of estrogen and genetic variation. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1113-9	7	75
158	Choline. Advances in Nutrition, 2010 , 1, 46-8	10	16
157	Choline deficiency alters global histone methylation and epigenetic marking at the Re1 site of the calbindin 1 gene. <i>FASEB Journal</i> , 2010 , 24, 184-95	0.9	128
156	Choline and betaine intake and the risk of colorectal cancer in men. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 884-7	4	41
155	Are dietary choline and betaine intakes determinants of total homocysteine concentration?. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 1303-10	7	31
154	Maternal dietary choline deficiency alters angiogenesis in fetal mouse hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12834-9	11.5	102
153	Dietary docosahexaenoic acid supplementation modulates hippocampal development in the Pemt-/- mouse. <i>Journal of Biological Chemistry</i> , 2010 , 285, 1008-15	5.4	33
152	Metabolomic profiling can predict which humans will develop liver dysfunction when deprived of dietary choline. <i>FASEB Journal</i> , 2010 , 24, 2962-75	0.9	92
151	Deletion of murine choline dehydrogenase results in diminished sperm motility. <i>FASEB Journal</i> , 2010 , 24, 2752-61	0.9	46
150	Choline: clinical nutrigenetic/nutrigenomic approaches for identification of functions and dietary requirements. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010 , 3, 209-19		5
149	Choline: clinical nutrigenetic/nutrigenomic approaches for identification of functions and dietary requirements. <i>World Review of Nutrition and Dietetics</i> , 2010 , 101, 73-83	0.2	13
148	Dietary choline reverses some, but not all, effects of folate deficiency on neurogenesis and apoptosis in fetal mouse brain. <i>Journal of Nutrition</i> , 2010 , 140, 1162-6	4.1	54
147	Adiponectin lowers glucose production by increasing SOGA. <i>American Journal of Pathology</i> , 2010 , 177, 1936-45	5.8	27
146	Nutrition in medicine: nutrition education for medical students and residents. <i>Nutrition in Clinical Practice</i> , 2010 , 25, 471-80	3.6	119

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145	The betaine content of sweat from adolescent females. <i>Journal of the International Society of Sports Nutrition</i> , 2010 , 7, 3	4.5	15
144	Single nucleotide polymorphisms in the phosphatidylethanolamine N-methyltransferase gene may influence choline requirement. <i>FASEB Journal</i> , 2010 , 24, 552.7	0.9	
143	Oral betaine supplementation restores ATP concentrations in choline dehydrogenase knockout mouse spermatozoa. <i>FASEB Journal</i> , 2010 , 24, 228.2	0.9	
142	Reproducibility of 24 hour energy expenditure measured by whole-room indirect calorimetry in lean and obese males. <i>FASEB Journal</i> , 2010 , 24, 554.3	0.9	
141	Online nutrition education for practicing physicians (NEPP). FASEB Journal, 2010, 24, 211.2	0.9	
140	Choline 2010 , 136-143		0
139	High intakes of choline and betaine reduce breast cancer mortality in a population-based study. <i>FASEB Journal</i> , 2009 , 23, 4022-8	0.9	75
138	Understanding the role of nutrition in the brain and behavioral development of toddlers and preschool children: identifying and addressing methodological barriers. <i>Nutritional Neuroscience</i> , 2009 , 12, 190-202	3.6	72
137	Is maternal diet supplementation beneficial? Optimal development of infant depends on mother diet. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 685S-7S	7	50
136	Dose response effects of dermally applied diethanolamine on neurogenesis in fetal mouse hippocampus and potential exposure of humans. <i>Toxicological Sciences</i> , 2009 , 107, 220-6	4.4	9
135	Importance of methyl donors during reproduction. American Journal of Clinical Nutrition, 2009, 89, 673S	- 7 S	171
134	BRCA1 promoter methylation is associated with increased mortality among women with breast cancer. <i>Breast Cancer Research and Treatment</i> , 2009 , 115, 397-404	4.4	72
133	Choline: an essential nutrient for public health. <i>Nutrition Reviews</i> , 2009 , 67, 615-23	6.4	566
132	Epigenetic mechanisms for nutrition determinants of later health outcomes. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1488S-1493S	7	152
131	Repeatability and measurement error in the assessment of choline and betaine dietary intake: the Atherosclerosis Risk in Communities (ARIC) study. <i>Nutrition Journal</i> , 2009 , 8, 14	4.3	47
130	Genetic polymorphisms in methyl-group metabolism and epigenetics: lessons from humans and mouse models. <i>Brain Research</i> , 2008 , 1237, 5-11	3.7	35
129	Unexpected depletion in plasma choline and phosphatidylcholine concentrations in a pregnant woman with bipolar affective disorder being treated with lithuim, haloperidol and benztropine: a case report. <i>Journal of Medical Case Reports</i> , 2008 , 2, 55	1.2	1
128	Perspectives from the symposium: The role of nutrition in infant and toddler brain and behavioral development. <i>Nutritional Neuroscience</i> , 2008 , 11, 135-43	3.6	10

127	Choline metabolism and risk of breast cancer in a population-based study. FASEB Journal, 2008, 22, 204	5::53	111
126	Effects of a high daily dose of soy isoflavones on DNA damage, apoptosis, and estrogenic outcomes in healthy postmenopausal women: a phase I clinical trial. <i>Menopause</i> , 2008 , 15, 684-92	2.5	37
125	Choline deficiency influences the interaction between REST, chromatin methylation and altered fetal neurogenesis. <i>FASEB Journal</i> , 2008 , 22, 689.5	0.9	
124	Metabolomics analysis of plasma from humans depleted of choline. <i>FASEB Journal</i> , 2008 , 22, 688.8	0.9	
123	Choline deficiency alters angiogenesis in the fetal brain. FASEB Journal, 2008, 22, 1122.19	0.9	
122	The association between betaine and choline intakes and the plasma concentrations of homocysteine in women. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1073-81	7	83
121	Lymphocyte gene expression in subjects fed a low-choline diet differs between those who develop organ dysfunction and those who do not. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 230-9	7	20
120	Usual choline and betaine dietary intake and incident coronary heart disease: the Atherosclerosis Risk in Communities (ARIC) study. <i>BMC Cardiovascular Disorders</i> , 2007 , 7, 20	2.3	110
119	The betaine and choline content of a whole wheat flour compared to other mill streams. <i>Journal of Cereal Science</i> , 2007 , 46, 93-95	3.8	41
118	Gene response elements, genetic polymorphisms and epigenetics influence the human dietary requirement for choline. <i>IUBMB Life</i> , 2007 , 59, 380-7	4.7	56
117	Dietary isoflavones differentially induce gene expression changes in lymphocytes from postmenopausal women who form equol as compared with those who do not. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 380-90	6.3	56
116	Diethanolamine alters proliferation and choline metabolism in mouse neural precursor cells. <i>Toxicological Sciences</i> , 2007 , 96, 321-6	4.4	8
115	Dietary choline and betaine and the risk of distal colorectal adenoma in women. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1224-31	9.7	81
114	Response to: DEA in consumer products is safe. FASEB Journal, 2007, 21, 296-297	0.9	2
113	Phosphatidylethanolamine N-methyltransferase (PEMT) gene expression is induced by estrogen in human and mouse primary hepatocytes. <i>FASEB Journal</i> , 2007 , 21, 2622-32	0.9	150
112	Nutrigenomics and metabolomics will change clinical nutrition and public health practice: insights from studies on dietary requirements for choline. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 542-8	7	66
111	Sex and menopausal status influence human dietary requirements for the nutrient choline. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1275-85	7	216
110	Choline: Dietary Requirements and Role in Brain Development. <i>Nutrition Today</i> , 2007 , 42, 181-186	1.6	53

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