

Bruce N Ames

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.

276
papers

48,527
citations

101
h-index

219
g-index

285
ext. papers

50,933
ext. citations

6.8
avg, IF

7.52
L-index

#	Paper	IF	Citations
276	Does the High Prevalence of Vitamin D Deficiency in African Americans Contribute to Health Disparities?. <i>Nutrients</i> , 2021 , 13,	6.7	23
275	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk. <i>PLoS ONE</i> , 2020 , 15, e0240437	3.7	3
274	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
273	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
272	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
271	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
270	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
269	Randomized nutrient bar supplementation improves exercise-associated changes in plasma metabolome in adolescents and adult family members at cardiometabolic risk 2020 , 15, e0240437		
268	A novel nutritional intervention improves lung function in overweight/obese adolescents with poorly controlled asthma: the Supplemental Nutrition in Asthma Control (SNAC) pilot study. <i>FASEB Journal</i> , 2018 , 32, fj201700338	0.9	4
267	Prolonging healthy aging: Longevity vitamins and proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10836-10844	11.5	92
266	Vitamin D and the omega-3 fatty acids control serotonin synthesis and action, part 2: relevance for ADHD, bipolar disorder, schizophrenia, and impulsive behavior. <i>FASEB Journal</i> , 2015 , 29, 2207-22	0.9	239
265	A multicomponent nutrient bar promotes weight loss and improves dyslipidemia and insulin resistance in the overweight/obese: chronic inflammation blunts these improvements. <i>FASEB Journal</i> , 2015 , 29, 3287-301	0.9	7
264	Acarbose, 17 β -Estradiol, and nordihydroguaiaretic acid extend mouse lifespan preferentially in males. <i>Aging Cell</i> , 2014 , 13, 273-82	9.9	236
263	Vitamin D hormone regulates serotonin synthesis. Part 1: relevance for autism. <i>FASEB Journal</i> , 2014 , 28, 2398-413	0.9	225
262	Thiol/redox metabolomic profiling implicates GSH dysregulation in early experimental graft versus host disease (GVHD). <i>PLoS ONE</i> , 2014 , 9, e88868	3.7	18
261	Vitamin E forms inhibit IL-13/STAT6-induced eotaxin-3 secretion by up-regulation of PAR4, an endogenous inhibitor of atypical PKC in human lung epithelial cells. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 602-8	6.3	21
260	A nutrient-dense, high-fiber, fruit-based supplement bar increases HDL cholesterol, particularly large HDL, lowers homocysteine, and raises glutathione in a 2-wk trial. <i>FASEB Journal</i> , 2012 , 26, 3515-27	0.9	19

259	Host Nrf2 Glutathione Redox Dysregulation Precedes TNF-Elevation and Predicts Severity of Graft Versus Host Disease in Experimental Transplantation. <i>Blood</i> , 2012 , 120, 4107-4107	2.2	
258	Association of chromosome damage detected as micronuclei with hematological diseases and micronutrient status. <i>Mutagenesis</i> , 2011 , 26, 57-62	2.8	15
257	Adaptive dysfunction of selenoproteins from the perspective of the triage theory: why modest selenium deficiency may increase risk of diseases of aging. <i>FASEB Journal</i> , 2011 , 25, 1793-814	0.9	84
256	Optimal micronutrients delay mitochondrial decay and age-associated diseases. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 473-9	5.6	46
255	Prevention of mutation, cancer, and other age-associated diseases by optimizing micronutrient intake. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	31
254	Magnesium Intake and Self-Reported Health in Pregnant Women. <i>FASEB Journal</i> , 2010 , 24, 561.14	0.9	
253	Part 2 Unusual clustering of coefficients of variation in published articles from a medical biochemistry department in India. <i>FASEB Journal</i> , 2009 , 23, 706-708	0.9	2
252	Unusual clustering of coefficients of variation in published articles from a medical biochemistry department in India. <i>FASEB Journal</i> , 2009 , 23, 689-703	0.9	10
251	Gamma-tocopherol attenuates ozone-induced exacerbation of allergic rhinosinusitis in rats. <i>Toxicologic Pathology</i> , 2009 , 37, 481-91	2.1	30
250	Neuronal mitochondrial amelioration by feeding acetyl-L-carnitine and lipoic acid to aged rats. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 320-33	5.6	85
249	Clinical assay of four thiol amino acid redox couples by LC-MS/MS: utility in thalassemia. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3418-27	3.2	34
248	Mitochondrial decay in the brains of old rats: ameliorating effect of alpha-lipoic acid and acetyl-L-carnitine. <i>Neurochemical Research</i> , 2009 , 34, 755-63	4.6	67
247	A combination of aspirin and gamma-tocopherol is superior to that of aspirin and alpha-tocopherol in anti-inflammatory action and attenuation of aspirin-induced adverse effects. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 894-900	6.3	21
246	Vitamin K, an example of triage theory: is micronutrient inadequacy linked to diseases of aging?. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 889-907	7	139
245	The effect of acetyl-L-carnitine and R-alpha-lipoic acid treatment in ApoE4 mouse as a model of human Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2009 , 283, 199-206	3.2	74
244	Heightened Sulfur Amino Acid Oxidation in Plasma and Erythrocytes in Thalassemia Major.. <i>Blood</i> , 2009 , 114, 4065-4065	2.2	
243	Methylene blue delays cellular senescence and enhances key mitochondrial biochemical pathways. <i>FASEB Journal</i> , 2008 , 22, 703-12	0.9	209
242	Is there convincing biological or behavioral evidence linking vitamin D deficiency to brain dysfunction?. <i>FASEB Journal</i> , 2008 , 22, 982-1001	0.9	298

241	Magnesium deficiency accelerates cellular senescence in cultured human fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5768-73	11.5	85
240	Lipoic acid and acetyl-carnitine reverse iron-induced oxidative stress in human fibroblasts. <i>Redox Report</i> , 2008 , 13, 2-10	5.9	20
239	Daily supplementation with iron increases lipid peroxidation in young women with low iron stores. <i>Experimental Biology and Medicine</i> , 2008 , 233, 701-7	3.7	48
238	An assay for uracil in human DNA at baseline: effect of marginal vitamin B6 deficiency. <i>Analytical Biochemistry</i> , 2008 , 372, 21-31	3.1	21
237	Altered Sulfur Amino Acid Metabolism In Immune Cells of Children Diagnosed With Autism. <i>American Journal of Biochemistry and Biotechnology</i> , 2008 , 4, 105-113	0.4	24
236	The primary pathogenetic role of vascular hypoperfusion, mitochondria failure and oxidative stress in aging and Alzheimer disease. <i>FASEB Journal</i> , 2008 , 22, 167.3	0.9	
235	Acrolein, a toxicant in cigarette smoke, causes oxidative damage and mitochondrial dysfunction in RPE cells: protection by (R)-alpha-lipoic acid. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 339-48		132
234	An overview of evidence for a causal relation between iron deficiency during development and deficits in cognitive or behavioral function. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 931-45	7	286
233	Ozone enhancement of lower airway allergic inflammation is prevented by gamma-tocopherol. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 1176-88	7.8	46
232	Chronic ethanol perturbs testicular folate metabolism and dietary folate deficiency reduces sex hormone levels in the Yucatan micropig. <i>Biology of Reproduction</i> , 2007 , 76, 455-65	3.9	14
231	5-Methyltetrahydrofolate inhibits photosensitization reactions and strand breaks in DNA. <i>FASEB Journal</i> , 2007 , 21, 2101-7	0.9	39
230	N-tert-butyl hydroxylamine, a mitochondrial antioxidant, protects human retinal pigment epithelial cells from iron overload: relevance to macular degeneration. <i>FASEB Journal</i> , 2007 , 21, 4077-86	0.9	26
229	Evidence-based decision making on micronutrients and chronic disease: long-term randomized controlled trials are not enough. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 522-3; author reply 523-4	7	16
228	Biotin deficiency inhibits heme synthesis and impairs mitochondria in human lung fibroblasts. <i>Journal of Nutrition</i> , 2007 , 137, 25-30	4.1	36
227	Enzymes Lose Binding Affinity (Increased Km) for Coenzymes and Substrates with Age: A Strategy for Remediation 2006 , 277-293		4
226	Low micronutrient intake may accelerate the degenerative diseases of aging through allocation of scarce micronutrients by triage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17589-94	11.5	264
225	Reply to P Wainwright. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 920-921	7	3
224	An overview of evidence for a causal relationship between dietary availability of choline during development and cognitive function in offspring. <i>Neuroscience and Biobehavioral Reviews</i> , 2006 , 30, 696-712	9	112

223	Oral Arginine Increases Erythrocyte Glutathione Levels in Sickle Cell Disease: Implications for Pulmonary Hypertension.. <i>Blood</i> , 2006 , 108, 1208-1208	2.2	1
222	Leukocyte Apoptosis and Inflammation in Iron-Overloaded Patients with Sickle Cell Disease or β -Thalassemia: A Mechanism for Increased Stroke and Disease Severity in Sickle Cell Disease.. <i>Blood</i> , 2006 , 108, 1233-1233	2.2	1
221	Mineral and vitamin deficiencies can accelerate the mitochondrial decay of aging. <i>Molecular Aspects of Medicine</i> , 2005 , 26, 363-78	16.7	76
220	Is docosahexaenoic acid, an n ω -3 long-chain polyunsaturated fatty acid, required for development of normal brain function? An overview of evidence from cognitive and behavioral tests in humans and animals. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 281-295	7	318
219	Measuring chromosome breaks in patients with thalassemia. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1054, 439-44	6.5	13
218	Increasing longevity by tuning up metabolism. To maximize human health and lifespan, scientists must abandon outdated models of micronutrients. <i>EMBO Reports</i> , 2005 , 6 Spec No, S20-4	6.5	25
217	Is docosahexaenoic acid, an n-3 long-chain polyunsaturated fatty acid, required for development of normal brain function? An overview of evidence from cognitive and behavioral tests in humans and animals. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 281-95	7	295
216	Reducing mitochondrial decay with mitochondrial nutrients to delay and treat cognitive dysfunction, Alzheimer's disease, and Parkinson's disease. <i>Nutritional Neuroscience</i> , 2005 , 8, 67-89	3.6	110
215	A simple assay for frequency of chromosome breaks and loss (micronuclei) by flow cytometry of human reticulocytes. <i>FASEB Journal</i> , 2005 , 19, 485-7	0.9	28
214	(R)-alpha-lipoic acid protects retinal pigment epithelial cells from oxidative damage. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 4302-10		68
213	Increased Chromosomal Breaks in Sickle Cell Disease as Evidenced by the Presence of Micronuclei in Erythrocytes.. <i>Blood</i> , 2005 , 106, 3807-3807	2.2	
212	Efficacy of Alpha-Lipoic Acid in Iron-Induced Oxidative Stress.. <i>Blood</i> , 2005 , 106, 3599-3599	2.2	1
211	Supplements and tuning up metabolism. <i>Journal of Nutrition</i> , 2004 , 134, 3164S-3168S	4.1	8
210	Mitochondrial decay, a major cause of aging, can be delayed. <i>Journal of Alzheimeris Disease</i> , 2004 , 6, 117-121	4.1	12
209	gamma-Tocopherol or combinations of vitamin E forms induce cell death in human prostate cancer cells by interrupting sphingolipid synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17825-30	11.5	163
208	Folate deficiency inhibits the proliferation of primary human CD8+ T lymphocytes in vitro. <i>Journal of Immunology</i> , 2004 , 173, 3186-92	5.3	115
207	Iron accumulation during cellular senescence. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1019, 365-7	6.5	60
206	Delaying the mitochondrial decay of aging. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1019, 406-413	6.5	75

205	Delaying the mitochondrial decay of aging with acetylcarnitine. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1033, 108-16	6.5	72
204	Comparison of the effects of L-carnitine and acetyl-L-carnitine on carnitine levels, ambulatory activity, and oxidative stress biomarkers in the brain of old rats. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1033, 117-31	6.5	78
203	Gamma-tocopherol induces apoptosis in androgen-responsive LNCaP prostate cancer cells via caspase-dependent and independent mechanisms. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 399-400	6.5	38
202	Uracil in DNA, determined by an improved assay, is increased when deoxynucleosides are added to folate-deficient cultured human lymphocytes. <i>Analytical Biochemistry</i> , 2004 , 330, 58-69	3.1	44
201	Folate deficiency and ionizing radiation cause DNA breaks in primary human lymphocytes: a comparison. <i>FASEB Journal</i> , 2004 , 18, 209-11	0.9	77
200	A role for supplements in optimizing health: the metabolic tune-up. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 423, 227-34	4.1	90
199	Toxic Unbound Iron and Membrane Injury in b-Thalassemia and Sickle Cell Disease: Elevated Non-Transferrin Bound Iron (NTBI) and Malondialdehyde (MDA).. <i>Blood</i> , 2004 , 104, 3608-3608	2.2	
198	An enthusiasm for metabolism. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4369-80	5.4	17
197	Moderate antioxidant supplementation has no effect on biomarkers of oxidant damage in healthy men with low fruit and vegetable intakes. <i>Journal of Nutrition</i> , 2003 , 133, 740-3	4.1	61
196	Zinc deficiency induces oxidative DNA damage and increases p53 expression in human lung fibroblasts. <i>Journal of Nutrition</i> , 2003 , 133, 2543-8	4.1	175
195	The metabolic tune-up: metabolic harmony and disease prevention. <i>Journal of Nutrition</i> , 2003 , 133, 1544S-8S	4.1	46
194	Delaying the mitochondrial decay of aging in the brain. <i>Clinical Neuroscience Research</i> , 2003 , 2, 331-338		13
193	Iron accumulation during cellular senescence in human fibroblasts in vitro. <i>Antioxidants and Redox Signaling</i> , 2003 , 5, 507-16	8.4	45
192	The role of Fe ²⁺ -induced lipid peroxidation in the initiation of the mitochondrial permeability transition. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 414, 255-60	4.1	27
191	5-Chlorouracil, a marker of DNA damage from hypochlorous acid during inflammation. A gas chromatography-mass spectrometry assay. <i>Journal of Biological Chemistry</i> , 2003 , 278, 32834-40	5.4	54
190	Gamma-tocopherol, but not alpha-tocopherol, decreases proinflammatory eicosanoids and inflammation damage in rats. <i>FASEB Journal</i> , 2003 , 17, 816-22	0.9	268
189	Delaying the mitochondrial decay of aging-a metabolic tune-up. <i>Alzheimer Disease and Associated Disorders</i> , 2003 , 17 Suppl 2, S54-7	2.5	4
188	Gamma-tocopherol supplementation inhibits protein nitration and ascorbate oxidation in rats with inflammation. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1534-42	7.8	108

187	Are vitamin and mineral deficiencies a major cancer risk?. <i>Nature Reviews Cancer</i> , 2002 , 2, 694-704	31.3	197
186	Delaying brain mitochondrial decay and aging with mitochondrial antioxidants and metabolites. <i>Annals of the New York Academy of Sciences</i> , 2002 , 959, 133-66	6.5	140
185	Time to talk SENS: critiquing the immutability of human aging. <i>Annals of the New York Academy of Sciences</i> , 2002 , 959, 452-62; discussion 463-5	6.5	115
184	Low intracellular zinc induces oxidative DNA damage, disrupts p53, NFkappa B, and AP1 DNA binding, and affects DNA repair in a rat glioma cell line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16770-5	11.5	297
183	Iron deficiency and iron excess damage mitochondria and mitochondrial DNA in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2264-9	11.5	232
182	Age-associated mitochondrial oxidative decay: improvement of carnitine acetyltransferase substrate-binding affinity and activity in brain by feeding old rats acetyl-L- carnitine and/or R-alpha -lipoic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 18711-6	11.5	207
181	Heme deficiency may be a factor in the mitochondrial and neuronal decay of aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 14807-12	11.5	161
180	Analysis of plasma tocopherols alpha, gamma, and 5-nitro-gamma in rats with inflammation by HPLC coulometric detection. <i>Journal of Lipid Research</i> , 2002 , 43, 1978-85	6.3	40
179	High-dose vitamin therapy stimulates variant enzymes with decreased coenzyme binding affinity (increased K(m)): relevance to genetic disease and polymorphisms. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 616-58	7	247
178	Feeding acetyl-L-carnitine and lipoic acid to old rats significantly improves metabolic function while decreasing oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 1870-5	11.5	256
177	Memory loss in old rats is associated with brain mitochondrial decay and RNA/DNA oxidation: partial reversal by feeding acetyl-L-carnitine and/or R-alpha -lipoic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2356-61	11.5	421
176	The role of heme and iron-sulfur clusters in mitochondrial biogenesis, maintenance, and decay with age. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 397, 345-53	4.1	92
175	Fe(2+) induces a transient Ca(2+) release from rat liver mitochondria. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 398, 198-202	4.1	9
174	gamma-tocopherol, the major form of vitamin E in the US diet, deserves more attention. <i>American Journal of Clinical Nutrition</i> , 2001 , 74, 714-22	7	576
173	DNA damage from micronutrient deficiencies is likely to be a major cause of cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 475, 7-20	3.3	378
172	N-t-Butyl hydroxylamine is an antioxidant that reverses age-related changes in mitochondria in vivo and in vitro. <i>FASEB Journal</i> , 2001 , 15, 2196-204	0.9	43
171	Methylenetetrahydrofolate reductase C677T polymorphism does not alter folic acid deficiency-induced uracil incorporation into primary human lymphocyte DNA in vitro. <i>Carcinogenesis</i> , 2001 , 22, 1019-25	4.6	82
170	Pesticide Residues in Food and Cancer Risk: A Critical Analysis 2001 , 799-843		7

169	Low seminal plasma folate concentrations are associated with low sperm density and count in male smokers and nonsmokers. <i>Fertility and Sterility</i> , 2001 , 75, 252-9	4.8	90
168	Heme deficiency selectively interrupts assembly of mitochondrial complex IV in human fibroblasts: relevance to aging. <i>Journal of Biological Chemistry</i> , 2001 , 276, 48410-6	5.4	118
167	Delaying Aging with Mitochondrial Micronutrients and Antioxidants. <i>Scientific World Journal, The</i> , 2001 , 1, 81-82	2.2	2
166	Ascorbate is depleted by smoking and repleted by moderate supplementation: a study in male smokers and nonsmokers with matched dietary antioxidant intakes. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 530-6	7	173
165	Both iron deficiency and daily iron supplements increase lipid peroxidation in rats. <i>Journal of Nutrition</i> , 2000 , 130, 621-8	4.1	106
164	Fluorescence detection of 8-oxoguanine in nuclear and mitochondrial DNA of cultured cells using a recombinant Fab and confocal scanning laser microscopy. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 987-98	7.8	67
163	A simpler, more robust method for the analysis of 8-oxoguanine in DNA. <i>Free Radical Biology and Medicine</i> , 2000 , 29, 357-67	7.8	36
162	Paracelsus to parascience: the environmental cancer distraction. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000 , 447, 3-13	3.3	90
161	Oxidants and aging 2000 , 755-796		3
160	Supplementation of postmenopausal women with fish oil rich in eicosapentaenoic acid and docosahexaenoic acid is not associated with greater in vivo lipid peroxidation compared with oils rich in oleate and linoleate as assessed by plasma malondialdehyde and F(2)-isoprostanes. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 714-22	7	106
159	Chronically and acutely exercised rats: biomarkers of oxidative stress and endogenous antioxidants. <i>Journal of Applied Physiology</i> , 2000 , 89, 21-8	3.7	310
158	N-t-butyl hydroxylamine, a hydrolysis product of alpha-phenyl-N-t-butyl nitron, is more potent in delaying senescence in human lung fibroblasts. <i>Journal of Biological Chemistry</i> , 2000 , 275, 6741-8	5.4	116
157	(R)-alpha-lipoic acid reverses the age-associated increase in susceptibility of hepatocytes to tert-butylhydroperoxide both in vitro and in vivo. <i>Antioxidants and Redox Signaling</i> , 2000 , 2, 473-83	8.4	68
156	(R)-alpha-lipoic acid-supplemented old rats have improved mitochondrial function, decreased oxidative damage, and increased metabolic rate. <i>FASEB Journal</i> , 1999 , 13, 411-8	0.9	244
155	Micronutrient deficiencies. A major cause of DNA damage. <i>Annals of the New York Academy of Sciences</i> , 1999 , 889, 87-106	6.5	124
154	Endogenous oxidative damage of mtDNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 424, 51-8	3.3	145
153	Assay of malondialdehyde and other alkanals in biological fluids by gas chromatography-mass spectrometry. <i>Methods in Enzymology</i> , 1999 , 300, 70-8	1.7	25
152	Ascorbic acid recycling in rat hepatocytes as measurement of antioxidant capacity: decline with age. <i>Methods in Enzymology</i> , 1999 , 299, 83-8	1.7	9

151	8-Hydroxydeoxyguanosine and 8-hydroxyguanine as biomarkers of oxidative DNA damage. <i>Methods in Enzymology</i> , 1999 , 300, 156-66	1.7	140
150	Pollution, pesticides and cancer misconceptions 1999 , 19-37		2
149	The causes and prevention of cancer: the role of environment. <i>Biotherapy (Dordrecht, Netherlands)</i> , 1998 , 11, 205-20		54
148	Mitochondrial aging: open questions. <i>Annals of the New York Academy of Sciences</i> , 1998 , 854, 118-27	6.5	176
147	Mitochondrial decay in aging. Reversal through supplementation of acetyl-L-carnitine and N-tert-butyl-alpha-phenyl-nitrone. <i>Annals of the New York Academy of Sciences</i> , 1998 , 854, 214-23	6.5	80
146	Quantitation of age-related mitochondrial DNA deletions in rat tissues shows that their pattern of accumulation differs from that of humans. <i>Gene</i> , 1998 , 209, 23-30	3.8	55
145	The prevention of cancer. <i>Drug Metabolism Reviews</i> , 1998 , 30, 201-23	7	36
144	Micronutrients prevent cancer and delay aging. <i>Toxicology Letters</i> , 1998 , 102-103, 5-18	4.4	211
143	What do animal cancer tests tell us about human cancer risk?: Overview of analyses of the carcinogenic potency database. <i>Drug Metabolism Reviews</i> , 1998 , 30, 359-404	7	72
142	The Prevention of Cancer. <i>ACS Symposium Series</i> , 1998 , 2-15	0.4	2
141	Acetyl-L-carnitine fed to old rats partially restores mitochondrial function and ambulatory activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9562-6	11.5	231
140	Molecular analysis of H2O2-induced senescent-like growth arrest in normal human fibroblasts: p53 and Rb control G1 arrest but not cell replication. <i>Biochemical Journal</i> , 1998 , 332 (Pt 1), 43-50	3.8	365
139	The free radical theory of aging matures. <i>Physiological Reviews</i> , 1998 , 78, 547-81	47.9	2976
138	Age-associated decline in ascorbic acid concentration, recycling, and biosynthesis in rat hepatocytes--reversal with (R)-alpha-lipoic acid supplementation. <i>FASEB Journal</i> , 1998 , 12, 1183-9	0.9	131
137	Oxidative decay of DNA. <i>Journal of Biological Chemistry</i> , 1997 , 272, 19633-6	5.4	743
136	The Causes and Prevention of Cancer: Gaining Perspective. <i>Environmental Health Perspectives</i> , 1997 , 105, 865	8.4	8
135	Pesticide residues in food: investigation of disparities in cancer risk estimates. <i>Cancer Letters</i> , 1997 , 117, 195-207	9.9	12
134	Apoptosis of Late-Stage Erythroblasts in Megaloblastic Anemia: Association With DNA Damage and Macrocyte Production. <i>Blood</i> , 1997 , 89, 4617-4623	2.2	74

133	Environmental pollution, pesticides, and the prevention of cancer: misconceptions. <i>FASEB Journal</i> , 1997 , 11, 1041-52	0.9	98
132	Assay of aldehydes from lipid peroxidation: gas chromatography-mass spectrometry compared to thiobarbituric acid. <i>Analytical Biochemistry</i> , 1997 , 245, 161-6	3.1	177
131	Pollution, pesticides and cancer misconceptions 1997 , 173-190		0
130	Nutritional Prevention of DNA Damage to Sperm and Consequent Risk Reduction in Birth Defects and Cancer in Offspring 1997 , 373-385		6
129	An adduct between peroxyxynitrite and 2Rdeoxyguanosine: 4,5-dihydro-5-hydroxy-4-(nitrosooxy)-2Rdeoxyguanosine. <i>Chemical Research in Toxicology</i> , 1996 , 9, 3-7	4	102
128	Immobilization stress causes oxidative damage to lipid, protein, and DNA in the brain of rats. <i>FASEB Journal</i> , 1996 , 10, 1532-1538	0.9	307
127	Mutagenicity of nitric oxide in base pair-specific Salmonella tester strains: TA7000 series. <i>Methods in Enzymology</i> , 1996 , 269, 267-78	1.7	16
126	N2-methyl-8-oxoguanine: a tRNA urinary metabolite--role of xanthine oxidase. <i>Free Radical Biology and Medicine</i> , 1996 , 20, 475-81	7.8	12
125	Cancer prevention, rodent high-dose cancer tests, and risk assessment. <i>Risk Analysis</i> , 1996 , 16, 613-7	3.9	19
124	The Causes of Aging and Cancer: The Misinterpretation of Animal Cancer Tests. <i>Human and Ecological Risk Assessment (HERA)</i> , 1996 , 2, 6-9	4.9	1
123	Detection and quantification of oxidative adducts of mitochondrial DNA. <i>Methods in Enzymology</i> , 1996 , 264, 442-53	1.7	59
122	Antioxidant activity of diethyldithiocarbamate. <i>Free Radical Research</i> , 1996 , 24, 461-72	4	52
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1	DNA Damage to Sperm from Micronutrient Deficiency May Increase the Risk of Birth Defects and Cancer in Offspring ³⁷³⁻³⁸⁶		3