

# Michael Fenech

## 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.

204  
papers

18,870  
citations

62  
h-index

134  
g-index

215  
ext. papers

20,457  
ext. citations

4.2  
avg. IF

7.28  
L-index

#	Paper	IF	Citations
204	Folic acid deficiency increases sensitivity to DNA damage by glucose and methylglyoxal.. <i>Mutagenesis</i> , <b>2022</b> ,	2.8	2
203	Aneuploidy, inflammation and diseases.. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2022</b> , 824, 111777	3.3	0
202	Fatty acids and telomeres in humans <b>2022</b> , 13-25		
201	Investigations concerning the impact of consumption of hot beverages on acute cytotoxic and genotoxic effects in oral mucosa cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 23014	4.9	0
200	Genotoxicity of advanced glycation end products in vitro is influenced by their preparation temperature, purification and cell exposure time. <i>Mutagenesis</i> , <b>2021</b> , 36, 445-455	2.8	
199	High-dose vitamin D supplementation to prevent prostate cancer progression in localised cases with low-to-intermediate risk of progression on active surveillance (ProsD): protocol of a phase II randomised controlled trial. <i>BMJ Open</i> , <b>2021</b> , 11, e044055	3	
198	Dietary Pattern, Genomic Stability and Relative Cancer Risk in Asian Food Landscape. <i>Nutrition and Cancer</i> , <b>2021</b> , 1-17	2.8	1
197	"Micronuclei and Disease" special issue: Aims, scope, and synthesis of outcomes. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 788, 108384	7	3
196	Induction of DNA damage as a consequence of occupational exposure to crystalline silica: A review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 787, 108349	7	4
195	Telomere Length in Healthy Adults Is Positively Associated With Polyunsaturated Fatty Acids, Including Arachidonic Acid, and Negatively With Saturated Fatty Acids. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 3-6	6.4	3
194	Association between glycation biomarkers, hyperglycemia, and micronucleus frequency: A meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 787, 108369	7	5
193	Roadmap for translating results from the micronucleus assay into clinical practice: From observational studies to randomized controlled trials. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 788, 108390	7	
192	Methylglyoxal induces chromosomal instability and mitotic dysfunction in lymphocytes. <i>Mutagenesis</i> , <b>2021</b> , 36, 339-348	2.8	3
191	Exposure to hypomethylating 5-aza-2Rdeoxycytidine (decitabine) causes rapid, severe DNA damage, telomere elongation and mitotic dysfunction in human WIL2-NS cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2021</b> , 868-869, 503385	3	1
190	Inflammatory cytokine storms severity may be fueled by interactions of micronuclei and RNA viruses such as COVID-19 virus SARS-CoV-2. A hypothesis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 788, 108395	7	1
189	Lymphocyte micronuclei frequencies in skin, haematological, prostate, colorectal and esophageal cancer cases: A systematic review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 787, 108372	7	3
188	Micronuclei as biomarkers of DNA damage, aneuploidy, inducers of chromosomal hypermutation and as sources of pro-inflammatory DNA in humans. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2020</b> , 786, 108342	7	30

187	Can a digital slide scanner and viewing technique assist the visual scoring for the cytokinesis-block micronucleus cytome assay?. <i>Mutagenesis</i> , <b>2020</b> , 35, 311-318	2.8	4
186	Smoking causes induction of micronuclei and other nuclear anomalies in cervical cells. <i>International Journal of Hygiene and Environmental Health</i> , <b>2020</b> , 226, 113492	6.9	4
185	Dietary sugars and related endogenous advanced glycation end-products increase chromosomal DNA damage in WIL2-NS cells, measured using cytokinesis-block micronucleus cytome assay. <i>Mutagenesis</i> , <b>2020</b> , 35, 169-177	2.8	11
184	Advanced glycation end-products accelerate telomere attrition and increase pro-inflammatory mediators in human WIL2-NS cells. <i>Mutagenesis</i> , <b>2020</b> , 35, 291-297	2.8	3
183	Cytokinesis-Block Micronucleus Cytome Assay Evolution into a More Comprehensive Method to Measure Chromosomal Instability. <i>Genes</i> , <b>2020</b> , 11,	4.2	21
182	Use of micronucleus assays for the prediction and detection of cervical cancer: a meta-analysis. <i>Carcinogenesis</i> , <b>2020</b> , 41, 1318-1328	4.6	7
181	Micronuclei, inflammation and auto-immune disease. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2020</b> , 786, 108335	7	16
180	Shorter Telomere Length in Carriers of APOE- $\epsilon$ 4 and High Plasma Concentration of Glucose, Glyoxal and Other Advanced Glycation End Products (AGEs). <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1894-1898	6.4	2
179	The Role of Nutrition in DNA Replication, DNA Damage Prevention and DNA Repair <b>2020</b> , 27-32		4
178	Micronucleus Cytome Assays in Human Lymphocytes and Buccal Cells. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2031, 147-163	1.4	7
177	Role of PON1, SOD2, OGG1, XRCC1, and XRCC4 polymorphisms on modulation of DNA damage in workers occupationally exposed to pesticides. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 159, 164-171		22
176	Validity of the Lymphocyte Cytokinesis-Block Micronucleus Assay (L-CBMN) as biomarker for human exposure to chemicals with different modes of action: A synthesis of systematic reviews. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2018</b> , 836, 47-52	3	21
175	Cytokinesis Block Micronucleus Cytome (CBMN Cyt) Assay Biomarkers and Their Association With Radiation Sensitivity Phenotype in Prostate Cancer Cases and DNA Repair Gene hOGG1 (C1245G) Polymorphism. <i>Environmental and Molecular Mutagenesis</i> , <b>2018</b> , 59, 813-821	3.2	6
174	Occupational Exposure to Pesticides in Tobacco Fields: The Integrated Evaluation of Nutritional Intake and Susceptibility on Genomic and Epigenetic Instability. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 7017423	6.7	14
173	Infant birth outcomes are associated with DNA damage biomarkers as measured by the cytokinesis block micronucleus cytome assay: the DADHI study. <i>Mutagenesis</i> , <b>2017</b> , 32, 355-370	2.8	8
172	Whey protein isolate improves vitamin B and folate status in elderly Australians with subclinical deficiency of vitamin B. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600915	5.9	12
171	Genotoxicity and cytotoxicity of the plasma jet-treated medium on lymphoblastoid WIL2-NS cell line using the cytokinesis block micronucleus cytome assay. <i>Scientific Reports</i> , <b>2017</b> , 7, 3854	4.9	18
170	Vitamins Associated with Brain Aging, Mild Cognitive Impairment, and Alzheimer Disease: Biomarkers, Epidemiological and Experimental Evidence, Plausible Mechanisms, and Knowledge Gaps. <i>Advances in Nutrition</i> , <b>2017</b> , 8, 958-970	10	35

169	Inter-laboratory consistency and variability in the buccal micronucleus cytome assay depends on biomarker scored and laboratory experience: results from the HUMNxl international inter-laboratory scoring exercise. <i>Mutagenesis</i> , <b>2017</b> , 32, 257-266	2.8	23
168	A systematic review of the association between occupational exposure to formaldehyde and effects on chromosomal DNA damage measured using the cytokinesis-block micronucleus assay in lymphocytes. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2016</b> , 770, 46-57	7	37
167	Molecular mechanisms by which in vivo exposure to exogenous chemical genotoxic agents can lead to micronucleus formation in lymphocytes in vivo and ex vivo in humans. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2016</b> , 770, 12-25	7	77
166	Telomeres, Aging, and Nutrition <b>2016</b> , 129-140		3
165	Genotoxicity and cytotoxicity of chromium, copper, manganese and lead, and their mixture in WIL2-NS human B lymphoblastoid cells is enhanced by folate depletion. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2016</b> , 798-799, 35-47	3	38
164	The Role of Genetic Polymorphisms as Related to One-Carbon Metabolism, Vitamin B6, and Gene-Nutrient Interactions in Maintaining Genomic Stability and Cell Viability in Chinese Breast Cancer Patients. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	3
163	n-3 Fatty Acid Supplementation and Leukocyte Telomere Length in Patients with Chronic Kidney Disease. <i>Nutrients</i> , <b>2016</b> , 8, 175	6.7	23
162	Use of the lymphocyte cytokinesis-block micronucleus assay in occupational biomonitoring of genome damage caused by in vivo exposure to chemical genotoxins: Past, present and future. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2016</b> , 770, 1-11	7	57
161	Predictors of radiation-induced gastrointestinal morbidity: A prospective, longitudinal study following radiotherapy for carcinoma of the prostate. <i>Acta Oncologica</i> , <b>2016</b> , 55, 604-10	3.2	12
160	Prevention of Chronic Conditions and Cancer <b>2016</b> , 203-239		
159	Buccal Cytome Biomarkers and Their Association with Plasma Folate, Vitamin B12 and Homocysteine in Alzheimer's Disease. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2015</b> , 8, 57-69		10
158	Genome instability biomarkers and blood micronutrient risk profiles associated with mild cognitive impairment and Alzheimer's disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2015</b> , 776, 54-83	3.3	13
157	Zinc supplementation influences genomic stability biomarkers, antioxidant activity, and zinc transporter genes in an elderly Australian population with low zinc status. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1200-12	5.9	45
156	DNA melting and genotoxicity induced by silver nanoparticles and graphene. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 1023-35	4	60
155	Buccal micronucleus cytome assay: results of an intra- and inter-laboratory scoring comparison. <i>Mutagenesis</i> , <b>2015</b> , 30, 545-55	2.8	41
154	Potential role of folate in pre-eclampsia. <i>Nutrition Reviews</i> , <b>2015</b> , 73, 694-722	6.4	16
153	Clinical application of micronucleus test in exfoliated buccal cells: A systematic review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2015</b> , 766, 20-31	7	59
152	Plasma micronutrient levels and telomere length in children. <i>Nutrition</i> , <b>2015</b> , 31, 331-6	4.8	24

151	Absolute qPCR for measuring telomere length in bone marrow samples of plasma cell disorders. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 155-9	3	6
150	Chromosomal DNA damage measured using the cytokinesis-block micronucleus cytome assay is significantly associated with cognitive impairment in South Australians. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 32-40	3.2	21
149	Blood micronutrients and DNA damage in children. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 2053-65	3.5	7
148	Chromosomal DNA damage in APOE e4 carriers and noncarriers does not appear to be different. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 694-708	3.2	1
147	Size-dependent cytotoxicity and genotoxicity of ZnO particles to human lymphoblastoid (WIL2-NS) cells. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 767-76	3.2	25
146	Cortisol is not associated with telomere shortening or chromosomal instability in human lymphocytes cultured under low and high folate conditions. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119367	3.7	8
145	Extracellular amyloid beta 42 causes necrosis, inhibition of nuclear division, and mitotic disruption under both folate deficient and folate replete conditions as measured by the cytokinesis-block micronucleus cytome assay. <i>Environmental and Molecular Mutagenesis</i> , <b>2014</b> , 55, 1-14	3.2	12
144	Cytotoxicity and genotoxicity of orthodontic bands with or without silver soldered joints. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2014</b> , 762, 1-8	3	18
143	Mitigating the risk of radiation-induced cancers: limitations and paradigms in drug development. <i>Journal of Radiological Protection</i> , <b>2014</b> , 34, R25-52	1.2	10
142	Effect of docosahexaenoic acid and furan fatty acids on cytokinesis block micronucleus cytome assay biomarkers in astrocytoma cell lines under conditions of oxidative stress. <i>Environmental and Molecular Mutagenesis</i> , <b>2014</b> , 55, 573-90	3.2	5
141	The association between personal sun exposure, serum vitamin D and global methylation in human lymphocytes in a population of healthy adults in South Australia. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2014</b> , 765, 6-10	3.3	21
140	Telomere shortening in elderly individuals with mild cognitive impairment may be attenuated with EB fatty acid supplementation: a randomized controlled pilot study. <i>Nutrition</i> , <b>2014</b> , 30, 489-91	4.8	53
139	Micronucleus assay with urine derived cells (UDC): a review of its application in human studies investigating genotoxin exposure and bladder cancer risk. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2014</b> , 762, 37-51	7	23
138	Biomarkers of Alzheimer's disease risk in peripheral tissues; focus on buccal cells. <i>Current Alzheimer Research</i> , <b>2014</b> , 11, 519-31	3	24
137	Workers exposed to wood dust have an increased micronucleus frequency in nasal and buccal cells: results from a pilot study. <i>Mutagenesis</i> , <b>2014</b> , 29, 201-7	2.8	23
136	Altered cytological parameters in buccal cells from individuals with mild cognitive impairment and Alzheimer's disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2014</b> , 85, 698-708	4.6	24
135	Lab-on-a-chip-based high-throughput screening of the genotoxicity of engineered nanomaterials. <i>Small</i> , <b>2014</b> , 10, 2721-34	11	46
134	Genomics and personalised whole-of-life healthcare. <i>Trends in Molecular Medicine</i> , <b>2014</b> , 20, 479-86	11.5	13

133	Consensus statement understanding health and malnutrition through a systems approach: the ENOUGH program for early life. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 378	4.3	17
132	Folate, vitamin B12, vitamin B6 and homocysteine: impact on pregnancy outcome. <i>Maternal and Child Nutrition</i> , <b>2013</b> , 9, 155-66	3.4	54
131	Micronucleus assay in human cells: lymphocytes and buccal cells. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1044, 191-207	1.4	32
130	The HUMNxl scoring criteria for different cell types and nuclear anomalies in the buccal micronucleus cytome assay - an update and expanded photogallery. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2013</b> , 753, 100-113	7	122
129	Estimating the lowest detectable dose of ionizing radiation by the cytokinesis-block micronucleus assay. <i>Radiation Research</i> , <b>2013</b> , 180, 284-91	3.1	18
128	HUMN project initiative and review of validation, quality control and prospects for further development of automated micronucleus assays using image cytometry systems. <i>International Journal of Hygiene and Environmental Health</i> , <b>2013</b> , 216, 541-52	6.9	55
127	Cytoprotective and pro-apoptotic activities of native Australian herbs polyphenolic-rich extracts. <i>Food Chemistry</i> , <b>2013</b> , 136, 9-17	8.5	27
126	γH2AX as a marker of DNA double strand breaks and genomic instability in human population studies. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2013</b> , 753, 24-40	7	160
125	RE: Insensitivity of the in vitro cytokinesis-block micronucleus assay with human lymphocytes for the detection of DNA damage present at the start of the cell culture (Mutagenesis, 27, 743-747, 2012). <i>Mutagenesis</i> , <b>2013</b> , 28, 367-9	2.8	4
124	The Australian fruit Illawarra plum ( <i>Podocarpus elatus</i> Endl., Podocarpaceae) inhibits telomerase, increases histone deacetylase activity and decreases proliferation of colon cancer cells. <i>British Journal of Nutrition</i> , <b>2013</b> , 109, 2117-25	3.6	27
123	The role of zinc in genomic stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 733, 111-21	3.3	101
122	Folate (vitamin B9) and vitamin B12 and their function in the maintenance of nuclear and mitochondrial genome integrity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 733, 21-33	3.3	175
121	Iron and genome stability: an update. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 733, 92-9	3.3	53
120	Does vitamin D protect against DNA damage?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 733, 50-7	3.3	58
119	Mussel micronucleus cytome assay. <i>Nature Protocols</i> , <b>2012</b> , 7, 1125-37	18.8	62
118	Choline and/or folic acid deficiency is associated with genomic damage and cell death in human lymphocytes in vitro. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 481-7	2.8	12
117	Zinc deficiency or excess within the physiological range increases genome instability and cytotoxicity, respectively, in human oral keratinocyte cells. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 139-54	4.3	35
116	Colonocyte telomere shortening is greater with dietary red meat than white meat and is attenuated by resistant starch. <i>Clinical Nutrition</i> , <b>2012</b> , 31, 60-4	5.9	41

115	Oral folic acid and vitamin B-12 supplementation to prevent cognitive decline in community-dwelling older adults with depressive symptoms--the Beyond Ageing Project: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 194-203	7	107
114	Sunlight and vitamin D affect DNA damage, cell division and cell death in human lymphocytes: a cross-sectional study in South Australia. <i>Mutagenesis</i> , <b>2012</b> , 27, 609-14	2.8	14
113	Content of Genome-Protective Micronutrients in Selected Fresh and Processed Foods in the Australian State of Victoria. <i>Food and Nutrition Sciences (Print)</i> , <b>2012</b> , 03, 176-183	0.4	1
112	Cytokinesis-block micronucleus cytome assay in lymphocytes. <i>Methods in Molecular Biology</i> , <b>2011</b> , 682, 217-34	1.4	58
111	Automation of the buccal micronucleus cytome assay using laser scanning cytometry. <i>Methods in Cell Biology</i> , <b>2011</b> , 102, 321-39	1.8	17
110	Nutrigenetics and nutrigenomics: viewpoints on the current status and applications in nutrition research and practice. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2011</b> , 4, 69-89		192
109	Buccal micronucleus cytome assay. <i>Methods in Molecular Biology</i> , <b>2011</b> , 682, 235-48	1.4	36
108	The micronucleus assay as a biological dosimeter of in vivo ionising radiation exposure. <i>Mutagenesis</i> , <b>2011</b> , 26, 11-7	2.8	157
107	The effect of zinc sulphate and zinc carnosine on genome stability and cytotoxicity in the WIL2-NS human lymphoblastoid cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2011</b> , 720, 22-33	3	32
106	The effect of age, gender, diet and lifestyle on DNA damage measured using micronucleus frequency in human peripheral blood lymphocytes. <i>Mutagenesis</i> , <b>2011</b> , 26, 43-9	2.8	241
105	A qPCR-based assay to quantify oxidized guanine and other FPG-sensitive base lesions within telomeric DNA. <i>BioTechniques</i> , <b>2011</b> , 51, 403-11	2.5	34
104	Telomere dynamics: the influence of folate and DNA methylation. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1229, 76-88	6.5	33
103	The HUman MicroNucleus project on eXfoLiated buccal cells (HUMN(XL)): the role of life-style, host factors, occupational exposures, health status, and assay protocol. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2011</b> , 728, 88-97	7	232
102	Iron intake, red cell indicators of iron status, and DNA damage in young subjects. <i>Nutrition</i> , <b>2011</b> , 27, 293-7	4.8	27
101	Current status, new frontiers and challenges in radiation biodosimetry using cytogenetic, transcriptomic and proteomic technologies. <i>Radiation Measurements</i> , <b>2011</b> , 46, 737-741	1.5	25
100	No clear potentiation of antidepressant medication effects by folic acid+vitamin B12 in a large community sample. <i>Journal of Affective Disorders</i> , <b>2011</b> , 130, 37-45	6.6	22
99	The fate of micronucleated cells post X-irradiation detected by live cell imaging. <i>DNA Repair</i> , <b>2011</b> , 10, 629-38	4.3	32
98	Micronuclei frequency in peripheral blood lymphocytes and cancer risk: evidence from human studies. <i>Mutagenesis</i> , <b>2011</b> , 26, 93-100	2.8	317

97	A quantitative PCR method for measuring absolute telomere length. <i>Biological Procedures Online</i> , <b>2011</b> , 13, 3	8.3	265
96	Reflections on the development of micronucleus assays. <i>Mutagenesis</i> , <b>2011</b> , 26, 3-10	2.8	45
95	In vitro genotoxicity testing using the micronucleus assay in cell lines, human lymphocytes and 3D human skin models. <i>Mutagenesis</i> , <b>2011</b> , 26, 177-84	2.8	104
94	Laser scanning cytometry for automation of the micronucleus assay. <i>Mutagenesis</i> , <b>2011</b> , 26, 153-61	2.8	33
93	The HUMN and HUMNxL international collaboration projects on human micronucleus assays in lymphocytes and buccal cells--past, present and future. <i>Mutagenesis</i> , <b>2011</b> , 26, 239-45	2.8	137
92	Micronuclei and their association with sperm abnormalities, infertility, pregnancy loss, pre-eclampsia and intra-uterine growth restriction in humans. <i>Mutagenesis</i> , <b>2011</b> , 26, 63-7	2.8	34
91	Micronucleus formation detected by live-cell imaging. <i>Mutagenesis</i> , <b>2011</b> , 26, 133-8	2.8	26
90	Genetic polymorphisms of genes involved in DNA repair and metabolism influence micronucleus frequencies in human peripheral blood lymphocytes. <i>Mutagenesis</i> , <b>2011</b> , 26, 33-42	2.8	38
89	Chronic alcohol exposure induces genome damage measured using the cytokinesis-block micronucleus cytome assay and aneuploidy in human B lymphoblastoid cell lines. <i>Mutagenesis</i> , <b>2011</b> , 26, 421-9	2.8	22
88	Association of micronucleus frequency with neurodegenerative diseases. <i>Mutagenesis</i> , <b>2011</b> , 26, 85-92	2.8	102
87	Effect of dietary intervention on human micronucleus frequency in lymphocytes and buccal cells. <i>Mutagenesis</i> , <b>2011</b> , 26, 69-76	2.8	39
86	Current Knowledge and Strategies to Determine Dietary Reference Values for DNA Damage Prevention. <i>Genes and Environment</i> , <b>2011</b> , 33, 112-119	2.8	
85	Effects of surface chemistry on cytotoxicity, genotoxicity, and the generation of reactive oxygen species induced by ZnO nanoparticles. <i>Langmuir</i> , <b>2010</b> , 26, 15399-408	4	188
84	Detection of Nuclear Buds Based on Ellipse Fitting <b>2010</b> ,		3
83	High-protein/high red meat and high-carbohydrate weight-loss diets do not differ in their effect on faecal water genotoxicity tested by use of the WIL2-NS cell line and with other biomarkers of bowel health. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2010</b> , 703, 130-6	3	13
82	Sorted cell microarrays as platforms for high-content informational bioassays. <i>Lab on A Chip</i> , <b>2010</b> , 10, 3413-21	7.2	24
81	Folate and methionine metabolism in autism: a systematic review. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 1598-620	7	64
80	Folate deficiency in human peripheral blood lymphocytes induces chromosome 8 aneuploidy but this effect is not modified by riboflavin. <i>Environmental and Molecular Mutagenesis</i> , <b>2010</b> , 51, 15-22	3.2	15



79	The lymphocyte cytokinesis-block micronucleus cytome assay and its application in radiation biodosimetry. <i>Health Physics</i> , <b>2010</b> , 98, 234-43	2.3	99
78	Mental health literacy, folic acid and vitamin B12, and physical activity for the prevention of depression in older adults: randomised controlled trial. <i>British Journal of Psychiatry</i> , <b>2010</b> , 197, 45-54	5.4	58
77	The Micronutrient Genomics Project: a community-driven knowledge base for micronutrient research. <i>Genes and Nutrition</i> , <b>2010</b> , 5, 285-96	4.3	40
76	Human population studies with the exfoliated buccal micronucleus assay: statistical and epidemiological issues. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2010</b> , 705, 11-9	7	109
75	Folate, DNA damage and the aging brain. <i>Mechanisms of Ageing and Development</i> , <b>2010</b> , 131, 236-41	5.6	56
74	High protein-high red meat versus high carbohydrate weight loss diets do not differ in effect on genome stability and cell death in lymphocytes of overweight men. <i>Mutagenesis</i> , <b>2009</b> , 24, 271-7	2.8	14
73	A possible link between iron deficiency and gastrointestinal carcinogenesis. <i>Nutrition and Cancer</i> , <b>2009</b> , 61, 415-26	2.8	44
72	Grape seed polyphenols and curcumin reduce genomic instability events in a transgenic mouse model for Alzheimer's disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2009</b> , 661, 25-34	3.3	71
71	Effect of common polymorphisms in folate uptake and metabolism genes on frequency of micronucleated lymphocytes in a South Australian cohort. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2009</b> , 665, 1-6	3.3	29
70	Increased consumption of wheat biofortified with selenium does not modify biomarkers of cancer risk, oxidative stress, or immune function in healthy Australian males. <i>Environmental and Molecular Mutagenesis</i> , <b>2009</b> , 50, 489-501	3.2	31
69	Consumption of grape seed extract prevents amyloid-beta deposition and attenuates inflammation in brain of an Alzheimer's disease mouse. <i>Neurotoxicity Research</i> , <b>2009</b> , 15, 3-14	4.3	164
68	Buccal micronucleus cytome assay. <i>Nature Protocols</i> , <b>2009</b> , 4, 825-37	18.8	386
67	A lifetime passion for micronucleus cytome assays--reflections from Down Under. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2009</b> , 681, 111-117	7	17
66	Weight loss in obese men is associated with increased telomere length and decreased abasic sites in rectal mucosa. <i>Rejuvenation Research</i> , <b>2009</b> , 12, 169-76	2.6	57
65	Effect of protein intake, hyperglycaemia and micronutrients on DNA damage and mitogen responsiveness of peripheral blood lymphocytes. <i>Nutrition and Dietetics</i> , <b>2008</b> , 65, S27-S32	2.5	2
64	Telomere length in white blood cells, buccal cells and brain tissue and its variation with ageing and Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , <b>2008</b> , 129, 183-90	5.6	182
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61	The micronucleus assay determination of chromosomal level DNA damage. <i>Methods in Molecular Biology</i> , <b>2008</b> , 410, 185-216	1.4	62
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