

# M Fenech

## List of Publications by Year in descending order

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136  
papers

19,152  
citations

26567

56  
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11581

135  
g-index

138  
all docs

138  
docs citations

138  
times ranked

13646  
citing authors

#	ARTICLE	IF	CITATIONS
1	The in vitro micronucleus technique. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 455, 81-95.	0.4	2,000
2	Cytokinesis-block micronucleus cytome assay. Nature Protocols, 2007, 2, 1084-1104.	5.5	1,613
3	Measurement of micronuclei in lymphocytes. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1985, 147, 29-36.	0.4	1,502
4	HUMN project: detailed description of the scoring criteria for the cytokinesis-block micronucleus assay using isolated human lymphocyte cultures. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 534, 65-75.	0.9	1,125
5	Molecular mechanisms of micronucleus, nucleoplasmic bridge and nuclear bud formation in mammalian and human cells. Mutagenesis, 2011, 26, 125-132.	1.0	943
6	An increased micronucleus frequency in peripheral blood lymphocytes predicts the risk of cancer in humans. Carcinogenesis, 2006, 28, 625-631.	1.3	825
7	Low-grade inflammation, diet composition and health: current research evidence and its translation. British Journal of Nutrition, 2015, 114, 999-1012.	1.2	600
8	Buccal micronucleus cytome assay. Nature Protocols, 2009, 4, 825-837.	5.5	493
9	The HUman MicroNucleus Projectâ€”An international collaborative study on the use of the micronucleus technique for measuring DNA damage in humans. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 428, 271-283.	0.4	464
10	The micronucleus assay in human buccal cells as a tool for biomonitoring DNA damage: The HUMN project perspective on current status and knowledge gaps. Mutation Research - Reviews in Mutation Research, 2008, 659, 93-108.	2.4	431
11	Cytokinesis-block micronucleus assay evolves into a â€œcytomeâ€”assay of chromosomal instability, mitotic dysfunction and cell death. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 600, 58-66.	0.4	395
12	HUman MicroNucleus project: international database comparison for results with the cytokinesis-block micronucleus assay in human lymphocytes: I. Effect of laboratory protocol, scoring criteria, and host factors on the frequency of micronuclei. Environmental and Molecular Mutagenesis, 2001, 37, 31-45.	0.9	387
13	Micronuclei frequency in peripheral blood lymphocytes and cancer risk: evidence from human studies. Mutagenesis, 2011, 26, 93-100.	1.0	382
14	The HUman MicroNucleus project on exfoliated buccal cells (HUMNXL): The role of life-style, host factors, occupational exposures, health status, and assay protocol. Mutation Research - Reviews in Mutation Research, 2011, 728, 88-97.	2.4	310
15	Effect of smoking habit on the frequency of micronuclei in human lymphocytes: results from the Human MicroNucleus project. Mutation Research - Reviews in Mutation Research, 2003, 543, 155-166.	2.4	303
16	The effect of age, gender, diet and lifestyle on DNA damage measured using micronucleus frequency in human peripheral blood lymphocytes. Mutagenesis, 2011, 26, 43-49.	1.0	297
17	Folate, vitamin B12, homocysteine status and DNA damage in young Australian adults. Carcinogenesis, 1998, 19, 1163-1171.	1.3	262
18	Micronuclei, nucleoplasmic bridges and nuclear buds induced in folic acid deficient human lymphocytesâ€”evidence for breakageâ€”fusion-bridge cycles in the cytokinesis-block micronucleus assay. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 504, 131-136.	0.4	251

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19	Homocysteine and Dementia: An International Consensus Statement. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 561-570.	1.2	242
20	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> , 2008, 129, 183-190.	2.2	226
21	Chromosomal biomarkers of genomic instability relevant to cancer. <i>Drug Discovery Today</i> , 2002, 7, 1128-1137.	3.2	221
22	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> , 2012, 733, 21-33.	0.4	218
23	Nucleoplasmic bridges are a sensitive measure of chromosome rearrangement in the cytokinesis-block micronucleus assay. <i>Mutagenesis</i> , 2003, 18, 187-194.	1.0	183
24	Low intake of calcium, folate, nicotinic acid, vitamin E, retinol, $\beta$ -carotene and high intake of pantothenic acid, biotin and riboflavin are significantly associated with increased genome instability—results from a dietary intake and micronucleus index survey in South Australia. <i>Carcinogenesis</i> , 2005, 26, 991-999.	1.3	183
25	Important variables that influence base-line micronucleus frequency in cytokinesis-blocked lymphocytes—a biomarker for DNA damage in human populations. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 404, 155-165.	0.4	172
26	The HUMN and HUMNxL international collaboration projects on human micronucleus assays in lymphocytes and buccal cells—past, present and future. <i>Mutagenesis</i> , 2011, 26, 239-245.	1.0	165
27	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> , 2013, 753, 100-113.	2.4	162
28	Intra- and inter-laboratory variation in the scoring of micronuclei and nucleoplasmic bridges in binucleated human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 534, 45-64.	0.9	159
29	Folic acid deficiency increases chromosomal instability, chromosome 21 aneuploidy and sensitivity to radiation-induced micronuclei. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 578, 317-326.	0.4	151
30	Methylenetetrahydrofolate Reductase C677T Polymorphism, Folic Acid and Riboflavin Are Important Determinants of Genome Stability in Cultured Human Lymphocytes. <i>Journal of Nutrition</i> , 2004, 134, 48-56.	1.3	149
31	The Genome Health Clinic and Genome Health Nutrigenomics concepts: diagnosis and nutritional treatment of genome and epigenome damage on an individual basis. <i>Mutagenesis</i> , 2005, 20, 255-269.	1.0	144
32	Human population studies with the exfoliated buccal micronucleus assay: Statistical and epidemiological issues. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 705, 11-19.	2.4	144
33	Origin of nuclear buds and micronuclei in normal and folate-deprived human lymphocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 617, 33-45.	0.4	136
34	Cytokinesis-block micronucleus assay in WIL2-NS cells: a sensitive system to detect chromosomal damage induced by reactive oxygen species and activated human neutrophils. <i>Mutagenesis</i> , 2000, 15, 261-269.	1.0	135
35	The buccal cytome and micronucleus frequency is substantially altered in Down's syndrome and normal ageing compared to young healthy controls. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 638, 37-47.	0.4	135
36	The role of zinc in genomic stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 733, 111-121.	0.4	126

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37	Association of micronucleus frequency with neurodegenerative diseases. <i>Mutagenesis</i> , 2011, 26, 85-92.	1.0	123
38	THE LYMPHOCYTE CYTOKINESIS-BLOCK MICRONUCLEUS CYTOME ASSAY AND ITS APPLICATION IN RADIATION BIODOSIMETRY. <i>Health Physics</i> , 2010, 98, 234-243.	0.3	121
39	Sex is an important variable affecting spontaneous micronucleus frequency in cytokinesis-blocked lymphocytes. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1994, 313, 203-207.	0.4	111
40	Folate deficiency induces aneuploidy in human lymphocytes in vitro—evidence using cytokinesis-blocked cells and probes specific for chromosomes 17 and 21. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 551, 167-180.	0.4	107
41	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> , 2016, 770, 12-25.	2.4	98
42	Micronutrients and genomic stability: a new paradigm for recommended dietary allowances (RDAs). <i>Food and Chemical Toxicology</i> , 2002, 40, 1113-1117.	1.8	96
43	Buccal micronucleus cytome biomarkers may be associated with Alzheimer's disease. <i>Mutagenesis</i> , 2007, 22, 371-379.	1.0	93
44	Conversion of excision-repairable DNA lesions to micronuclei within one cell cycle in human lymphocytes. <i>Environmental and Molecular Mutagenesis</i> , 1992, 19, 27-36.	0.9	84
45	Clinical application of micronucleus test in exfoliated buccal cells: A systematic review and metanalysis. <i>Mutation Research - Reviews in Mutation Research</i> , 2015, 766, 20-31.	2.4	83
46	Genome health nutrigenomics and nutrigenetics — diagnosis and nutritional treatment of genome damage on an individual basis. <i>Food and Chemical Toxicology</i> , 2008, 46, 1365-1370.	1.8	82
47	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> , 2020, 786, 108342.	2.4	76
48	A more comprehensive application of the micronucleus technique for biomonitoring of genetic damage rates in human populations—experiences from the Chernobyl catastrophe. , 1997, 30, 112-118.		75
49	Chromosomal Damage Rate, Aging, and Diets. <i>Annals of the New York Academy of Sciences</i> , 1998, 854, 23-36.	1.8	75
50	Genome-health nutrigenomics and nutrigenetics: nutritional requirements or “nutriomes”™ for chromosomal stability and telomere maintenance at the individual level. <i>Proceedings of the Nutrition Society</i> , 2008, 67, 146-156.	0.4	72
51	A comparison of lymphocyte micronuclei and plasma micronutrients in vegetarians and non-vegetarians. <i>Carcinogenesis</i> , 1995, 16, 223-230.	1.3	71
52	Cytokinesis-Blocked Micronucleus Cytome Assay Biomarkers Identify Lung Cancer Cases Amongst Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1111-1119.	1.1	71
53	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> , 2016, 770, 1-11.	2.4	70
54	Multiple origins of spontaneously arising micronuclei in HeLa cells: Direct evidence from long-term live cell imaging. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 646, 41-49.	0.4	66

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55	Cytokinesis-Block Micronucleus Cytome Assay Evolution into a More Comprehensive Method to Measure Chromosomal Instability. <i>Genes</i> , 2020, 11, 1203.	1.0	65
56	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> , 2013, 216, 541-552.	2.1	62
57	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> , 2015, 59, 1200-1212.	1.5	58
58	State of the art survey of the buccal micronucleus assay--a first stage in the HUMNXL project initiative. <i>Mutagenesis</i> , 2009, 24, 295-302.	1.0	56
59	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> , 2017, 8, 958-970.	2.9	56
60	Buccal micronucleus cytome assay: results of an intra- and inter-laboratory scoring comparison. <i>Mutagenesis</i> , 2015, 30, 545-555.	1.0	51
61	Buccal Micronucleus Cytome Assay. <i>Methods in Molecular Biology</i> , 2011, 682, 235-248.	0.4	49
62	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> , 2016, 798-799, 35-47.	0.9	49
63	Effect of dietary intervention on human micronucleus frequency in lymphocytes and buccal cells. <i>Mutagenesis</i> , 2011, 26, 69-76.	1.0	48
64	Mutations that affect mitochondrial functions and their association with neurodegenerative diseases. <i>Mutation Research - Reviews in Mutation Research</i> , 2014, 759, 1-13.	2.4	47
65	Micronuclei and their association with sperm abnormalities, infertility, pregnancy loss, pre-eclampsia and intra-uterine growth restriction in humans. <i>Mutagenesis</i> , 2011, 26, 63-67.	1.0	44
66	Genetic polymorphisms of genes involved in DNA repair and metabolism influence micronucleus frequencies in human peripheral blood lymphocytes. <i>Mutagenesis</i> , 2011, 26, 33-42.	1.0	44
67	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> , 2016, 770, 46-57.	2.4	44
68	Chronic occupational exposure endured by tobacco farmers from Brazil and association with DNA damage. <i>Mutagenesis</i> , 2018, 33, 119-128.	1.0	42
69	Zinc deficiency or excess within the physiological range increases genome instability and cytotoxicity, respectively, in human oral keratinocyte cells. <i>Genes and Nutrition</i> , 2012, 7, 139-154.	1.2	40
70	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> , 2011, 720, 22-33.	0.9	39
71	The origin of micronuclei induced by cytosine arabinoside and its synergistic interaction with hydroxyurea in human lymphocytes. <i>Mutagenesis</i> , 1994, 9, 273-277.	1.0	37
72	Micronuclei, inflammation and auto-immune disease. <i>Mutation Research - Reviews in Mutation Research</i> , 2020, 786, 108335.	2.4	33

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73	Plasma micronutrient levels and telomere length in children. <i>Nutrition</i> , 2015, 31, 331-336.	1.1	32
74	Biomarkers of Alzheimer's Disease Risk in Peripheral Tissues; Focus on Buccal Cells. <i>Current Alzheimer Research</i> , 2014, 11, 519-531.	0.7	31
75	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> , 2009, 665, 1-6.	0.4	30
76	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> , 2014, 762, 37-51.	2.4	30
77	Size-dependent cytotoxicity and genotoxicity of ZnO particles to human lymphoblastoid (WIL2RS) cells. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 767-776.	0.9	30
78	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> , 2018, 836, 47-52.	0.9	29
79	Leukocyte telomere length in relation to risk of lung adenocarcinoma incidence: Findings from the Singapore Chinese Health Study. <i>International Journal of Cancer</i> , 2018, 142, 2234-2243.	2.3	26
80	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> , 2011, 26, 421-429.	1.0	24
81	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> , 2015, 56, 32-40.	0.9	23
82	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> , 2016, 32, gew047.	1.0	23
83	Cytotoxicity and genotoxicity of orthodontic bands with or without silver soldered joints. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 762, 1-8.	0.9	22
84	Automation of the Buccal Micronucleus Cytome Assay Using Laser Scanning Cytometry. <i>Methods in Cell Biology</i> , 2011, 102, 321-339.	0.5	21
85	Micronuclei and Disease special issue: Aims, scope, and synthesis of outcomes. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 788, 108384.	2.4	21
86	Combination Therapy of Navitoclax with Chemotherapeutic Agents in Solid Tumors and Blood Cancer: A Review of Current Evidence. <i>Pharmaceutics</i> , 2021, 13, 1353.	2.0	21
87	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> , 2012, 27, 609-614.	1.0	20
88	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> , 2018, 2018, 1-13.	1.9	20
89	Genomics and personalised whole-of-life healthcare. <i>Trends in Molecular Medicine</i> , 2014, 20, 479-486.	3.5	18
90	Micronucleus induction in cytokinesis-blocked mouse bone marrow cells in vitro following in vivo exposure to x-irradiation and cyclophosphamide. <i>Environmental and Molecular Mutagenesis</i> , 1994, 24, 61-67.	0.9	17

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91	Telomere and Centromere Staining Followed by M-FISH Improves Diagnosis of Chromosomal Instability and Its Clinical Utility. <i>Genes</i> , 2020, 11, 475.	1.0	17
92	Predictors of radiation-induced gastrointestinal morbidity: A prospective, longitudinal study following radiotherapy for carcinoma of the prostate. <i>Acta Oncologica</i> , 2016, 55, 604-610.	0.8	16
93	Prenatal omega-3 fatty acid supplementation does not affect offspring telomere length and F2-isoprostanes at 12 years: A double blind, randomized controlled trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 112, 50-55.	1.0	16
94	Whey protein isolate improves vitamin B <sub>12</sub> and folate status in elderly Australians with subclinical deficiency of vitamin B <sub>12</sub> . <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600915.	1.5	16
95	Micronucleus Cytome Assays in Human Lymphocytes and Buccal Cells. <i>Methods in Molecular Biology</i> , 2019, 2031, 147-163.	0.4	16
96	APOE $\epsilon$ 4 Carriers Have a Greater Propensity to Glycation and sRAGE Which Is Further Influenced by RAGE G82S Polymorphism. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1899-1905.	1.7	15
97	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> , 2020, 35, 169-177.	1.0	15
98	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> , 2015, 776, 54-83.	0.4	14
99	Use of micronucleus assays for the prediction and detection of cervical cancer: a meta-analysis. <i>Carcinogenesis</i> , 2020, 41, 1318-1328.	1.3	14
100	Telomere aberrations, including telomere loss, doublets, and extreme shortening, are increased in patients with infertility. <i>Fertility and Sterility</i> , 2021, 115, 164-173.	0.5	14
101	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> , 2021, 76, 3-6.	1.7	14
102	Buccal Cytome Biomarkers and Their Association with Plasma Folate, Vitamin B <sub>12</sub> and Homocysteine in Alzheimer's Disease. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2015, 8, 57-69.	1.8	12
103	Proteomic Analysis of Methylglyoxal Modifications Reveals Susceptibility of Glycolytic Enzymes to Dicarbonyl Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3689.	1.8	12
104	Infant birth outcomes are associated with DNA damage biomarkers as measured by the cytokinesis block micronucleus cytome assay: the DADHI study. <i>Mutagenesis</i> , 2017, 32, 355-370.	1.0	11
105	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> , 2021, 787, 108372.	2.4	11
106	Recommendations and quality criteria for micronucleus studies with humans. <i>Mutation Research - Reviews in Mutation Research</i> , 2022, 789, 108410.	2.4	11
107	Smoking causes induction of micronuclei and other nuclear anomalies in cervical cells. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 226, 113492.	2.1	10
108	Association between glycation biomarkers, hyperglycemia, and micronucleus frequency: A meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108369.	2.4	10

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109	Impact of infections, preneoplasia and cancer on micronucleus formation in urothelial and cervical cells: A systematic review. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108361.	2.4	9
110	Methylglyoxal induces chromosomal instability and mitotic dysfunction in lymphocytes. <i>Mutagenesis</i> , 2021, 36, 339-348.	1.0	9
111	Cortisol Is Not Associated with Telomere Shortening or Chromosomal Instability in Human Lymphocytes Cultured under Low and High Folate Conditions. <i>PLoS ONE</i> , 2015, 10, e0119367.	1.1	8
112	Cytokinesis Block Micronucleus Cytome (CBMN Cyt) Assay Biomarkers and Their Association With Radiation Sensitivity Phenotype in Prostate Cancer Cases and DNA Repair Gene <i>hOGG1</i> (C1245G) Polymorphism. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 813-821.	0.9	8
113	Advanced glycation end-products accelerate telomere attrition and increase pro-inflammatory mediators in human WIL2-NS cells. <i>Mutagenesis</i> , 2020, 35, 291-297.	1.0	8
114	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> , 2021, 788, 108395.	2.4	8
115	Interrelation of food selectivity, oral sensory sensitivity, and nutrient intake in children with autism spectrum disorder: A scoping review. <i>Research in Autism Spectrum Disorders</i> , 2022, 93, 101928.	0.8	8
116	Blood micronutrients and DNA damage in children. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2057-2065.	1.5	7
117	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> , 2021, 787, 108349.	2.4	7
118	Micronuclei and Their Association with Infertility, Pregnancy Complications, Developmental Defects, Anaemias, Inflammation, Diabetes, Chronic Kidney Disease, Obesity, Cardiovascular Disease, Neurodegenerative Diseases and Cancer. <i>Issues in Toxicology</i> , 2019, , 38-78.	0.2	7
119	Optimisation of micronucleus assays for biological dosimetry. <i>Progress in Clinical and Biological Research</i> , 1991, 372, 373-86.	0.2	7
120	Folic acid deficiency increases sensitivity to DNA damage by glucose and methylglyoxal. <i>Mutagenesis</i> , 2022, 37, 24-33.	1.0	6
121	Lung Fibroblasts from Idiopathic Pulmonary Fibrosis Patients Harbor Short and Unstable Telomeres Leading to Chromosomal Instability. <i>Biomedicines</i> , 2022, 10, 310.	1.4	5
122	The Decline in Vitamin Research Funding: A Missed Opportunity?. <i>Current Developments in Nutrition</i> , 2017, 1, e000430.	0.1	4
123	Sleep duration, Health Promotion Index (HPI), sRAGE and ApoE- $\mu$ 4 genotype are associated with telomere length (TL) in healthy elderly Australians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	1.7	4
124	The Association of <i>N</i> - $\mu$ -Carboxymethyllysine With Polyunsaturated and Saturated Fatty Acids in Healthy Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 462-470.	1.7	4
125	Chromosomal <i>DNA</i> damage in <i>APOE</i> $\epsilon$ 4 carriers and noncarriers does not appear to be different. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 694-708.	0.9	3
126	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> , 2021, 11, e044055.	0.8	3



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127	Loss of Y chromosome: An emerging next-generation biomarker for disease prediction and early detection?. Mutation Research - Reviews in Mutation Research, 2021, 788, 108389.	2.4	3
128	Dietary Pattern, Genomic Stability and Relative Cancer Risk in Asian Food Landscape. Nutrition and Cancer, 2022, 74, 1171-1187.	0.9	3
129	â€“Energy-Dense, High-SFA and Low-Fiberâ€™™ Dietary Pattern Lowered Adiponectin but Not Leptin Concentration of Breast Cancer Survivors. Nutrients, 2021, 13, 3339.	1.7	3
130	Investigations concerning the impact of consumption of hot beverages on acute cytotoxic and genotoxic effects in oral mucosa cells. Scientific Reports, 2021, 11, 23014.	1.6	3
131	Aneuploidy, inflammation and diseases. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2022, 824, 111777.	0.4	3
132	Methylglyoxal Impairs Sister Chromatid Separation in Lymphocytes. International Journal of Molecular Sciences, 2022, 23, 4139.	1.8	2
133	Roadmap for translating results from the micronucleus assay into clinical practice: From observational studies to randomized controlled trials. Mutation Research - Reviews in Mutation Research, 2021, 788, 108390.	2.4	1
134	Genotoxicity of advanced glycation end products <i>in vitro</i> is influenced by their preparation temperature, purification and cell exposure time. Mutagenesis, 2021, 36, 445-455.	1.0	1
135	Is Response to Genotoxic Stress Similar in Populations of African and European Ancestry? A Study of Dose-Response After <i>in vitro</i> Irradiation. Frontiers in Genetics, 2021, 12, 657999.	1.1	1
136	Diet and genome health. Nutrition and Dietetics, 2013, 70, 89-91.	0.9	0