

# Mã;rio SÃ©rgio Mantovani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/128583/publications.pdf>

Version: 2024-02-01

131  
papers

3,605  
citations

147801

31  
h-index

168389

53  
g-index

132  
all docs

132  
docs citations

132  
times ranked

4435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity and mutagenicity of water contaminated with tannery effluents, as evaluated by the micronucleus test and comet assay using the fish <i>Oreochromis niloticus</i> and chromosome aberrations in onion root-tips. <i>Genetics and Molecular Biology</i> , 2006, 29, 148-158.	1.3	245
2	$\beta$ -Glucans in promoting health: Prevention against mutation and cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2008, 658, 154-161.	5.5	193
3	Genotoxic, mutagenic and cytotoxic effects of the commercial dye CI Disperse Blue 291 in the human hepatic cell line HepG2. <i>Toxicology in Vitro</i> , 2007, 21, 1650-1655.	2.4	175
4	Mutagenic effects of tributyltin and inorganic lead (Pb II) on the fish <i>H. malabaricus</i> as evaluated using the comet assay and the piscine micronucleus and chromosome aberration tests. <i>Genetics and Molecular Biology</i> , 2004, 27, 103-107.	1.3	168
5	The azo dyes Disperse Red 1 and Disperse Orange 1 increase the micronuclei frequencies in human lymphocytes and in HepG2 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 676, 83-86.	1.7	105
6	Assessment of two medicinal plants, <i>Psidium guajava</i> L. and <i>Achillea millefolium</i> L., in in vitro and in vivo assays. <i>Genetics and Molecular Biology</i> , 2003, 26, 551-555.	1.3	102
7	Antiviral activity of aqueous and ethanol extracts and of an isolated polysaccharide from <i>Agaricus brasiliensis</i> against poliovirus type 1. <i>Letters in Applied Microbiology</i> , 2007, 45, 24-28.	2.2	99
8	Antimutagenic effects of the mushroom <i>Agaricus blazei</i> Murrill extracts on V79 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 496, 5-13.	1.7	95
9	Protective effect of $\beta$ -glucan extracted from <i>Saccharomyces cerevisiae</i> , against DNA damage and cytotoxicity in wild-type (k1) and repair-deficient (xrs5) CHO cells. <i>Toxicology in Vitro</i> , 2007, 21, 41-52.	2.4	80
10	Chlorination treatment of aqueous samples reduces, but does not eliminate, the mutagenic effect of the azo dyes Disperse Red 1, Disperse Red 13 and Disperse Orange 1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 200-208.	1.7	80
11	Investigation of cytotoxic, apoptosis-inducing, genotoxic and protective effects of the flavonoid rutin in HTC hepatic cells. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 459-465.	2.1	77
12	Genetic damage induced by trophic doses of lead in the neotropical fish <i>Hoplias malabaricus</i> (Characiformes, Erythrinidae) as revealed by the comet assay and chromosomal aberrations. <i>Genetics and Molecular Biology</i> , 2004, 27, 270-274.	1.3	74
13	Protective effects of $\beta$ -glucan extracted from <i>Agaricus brasiliensis</i> against chemically induced DNA damage in human lymphocytes. <i>Cell Biology and Toxicology</i> , 2006, 22, 285-291.	5.3	69
14	Evaluation of antimutagenic activity and mechanisms of action of $\beta$ -glucan from barley, in CHO-k1 and HTC cell lines using the micronucleus test. <i>Toxicology in Vitro</i> , 2006, 20, 1225-1233.	2.4	59
15	Evaluation of <i>Agaricus blazei</i> in vivo for antigenotoxic, anticarcinogenic, phagocytic and immunomodulatory activities. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 59, 412-422.	2.7	56
16	Anti-genotoxic effect of aqueous extracts of sun mushroom ( <i>Agaricus blazei</i> Murrill lineage 99/26) in mammalian cells in vitro. <i>Food and Chemical Toxicology</i> , 2002, 40, 1775-1780.	3.6	55
17	$\beta$ -Glucan extracted from the medicinal mushroom <i>Agaricus blazei</i> prevents the genotoxic effects of benzo[a]pyrene in the human hepatoma cell line HepG2. <i>Archives of Toxicology</i> , 2009, 83, 81-86.	4.2	49
18	Pericytes Extend Survival of ALS SOD1 Mice and Induce the Expression of Antioxidant Enzymes in the Murine Model and in iPSCs Derived Neuronal Cells from an ALS Patient. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 686-698.	5.6	49

#	ARTICLE	IF	CITATIONS
19	Antigenotoxicity of <i>Agaricus blazei</i> mushroom organic and aqueous extracts in chromosomal aberration and cytokinesis block micronucleus assays in CHO-k1 and HTC cells. <i>Toxicology in Vitro</i> , 2006, 20, 355-360.	2.4	48
20	Effects of the polysaccharide $\beta$ -glucan on clastogenicity and teratogenicity caused by acute exposure to cyclophosphamide in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2009, 53, 164-173.	2.7	46
21	Effects of <i>Maytenus ilicifolia</i> Mart. and <i>Bauhinia candicans</i> Benth infusions on onion root-tip and rat bone-marrow cells. <i>Genetics and Molecular Biology</i> , 2002, 25, 85-89.	1.3	44
22	Variation of the antimutagenicity effects of water extracts of <i>Agaricus blazei</i> Murrill in vitro. <i>Toxicology in Vitro</i> , 2004, 18, 301-309.	2.4	42
23	Comet assay comparison of different <i>Corbicula fluminea</i> (Mollusca) tissues for the detection of genotoxicity. <i>Genetics and Molecular Biology</i> , 2005, 28, 464-468.	1.3	42
24	Evaluation of environmental waters using the comet assay in <i>Tilapia rendalli</i> . <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 197-201.	4.0	42
25	In vitro genotoxicity assessment of caffeic, cinnamic and ferulic acids. <i>Genetics and Molecular Research</i> , 2011, 10, 1130-1140.	0.2	42
26	Analysis of the genotoxic potential of low concentrations of Malathion on the <i>Allium cepa</i> cells and rat hepatoma tissue culture. <i>Journal of Environmental Sciences</i> , 2015, 36, 102-111.	6.1	42
27	Bisphenol A reduces testosterone production in TM3 Leydig cells independently of its effects on cell death and mitochondrial membrane potential. <i>Reproductive Toxicology</i> , 2018, 76, 26-34.	2.9	42
28	Anticlastogenic effect of aqueous extracts of <i>Agaricus blazei</i> on CHO-k1 cells, studying different developmental phases of the mushroom. <i>Toxicology in Vitro</i> , 2003, 17, 465-469.	2.4	36
29	Evaluation of the genotoxic potential of the <i>Casearia sylvestris</i> extract on HTC and V79 cells by the comet assay. <i>Toxicology in Vitro</i> , 2004, 18, 337-342.	2.4	35
30	Activity of selenium on cell proliferation, cytotoxicity, and apoptosis and on the expression of CASP9, BCL-XL and APC in intestinal adenocarcinoma cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 7-12.	1.0	35
31	Evaluation of chemopreventive activity of glutamine by the comet and the micronucleus assay in mice's peripheral blood. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 120-124.	4.0	32
32	CXCL12 rs1801157 polymorphism and expression in peripheral blood from breast cancer patients. <i>Cytokine</i> , 2011, 55, 260-265.	3.2	29
33	Possible modulating actions of plant extracts on the chromosome breaking activity of MMC and Ara-C in human lymphocytes in vitro. <i>Toxicology in Vitro</i> , 2004, 18, 617-622.	2.4	28
34	Evaluation of the genotoxic and anti-genotoxic activities of Silybin in human hepatoma cells (HepG2). <i>Mutagenesis</i> , 2010, 25, 223-229.	2.6	27
35	Cytotoxic and Genotoxic Butanolides and Lignans from <i>Aiouea trinervis</i> . <i>Planta Medica</i> , 2005, 71, 923-927.	1.3	26
36	Investigation of genotoxic and antigenotoxic activities of chlorophylls and chlorophyllin in cultured V79 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 497, 139-145.	1.7	25

#	ARTICLE	IF	CITATIONS
37	Cytotoxicity, genotoxicity and antimutagenicity of hexane extracts of <i>Agaricus blazei</i> determined in vitro by the comet assay and CHO/HGPRT gene mutation assay. <i>Toxicology in Vitro</i> , 2005, 19, 533-539.	2.4	25
38	Plasma malondialdehyde levels and CXCR4 expression in peripheral blood cells of breast cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 997-1004.	2.5	25
39	The effects of genistein and daidzein on cell proliferation kinetics in HT29 colon cancer cells: the expression of CTNNBIP1 ( $\beta$ -catenin), APC (adenomatous polyposis coli) and BIRC5 (survivin). <i>Human Cell</i> , 2014, 27, 78-84.	2.7	25
40	Cytotoxic, biochemical and genotoxic effects of biodiesel produced by different routes on ZFL cell line. <i>Toxicology in Vitro</i> , 2014, 28, 1117-1125.	2.4	25
41	In vitro evaluation of the protective effects of plant extracts against amyloid-beta peptide-induced toxicity in human neuroblastoma SH-SY5Y cells. <i>PLoS ONE</i> , 2019, 14, e0212089.	2.5	25
42	Mechanism of anticlastogenicity of <i>Agaricus blazei</i> Murill mushroom organic extracts in wild type CHO (K1) and repair deficient ( <i>xrs5</i> ) cells by chromosome aberration and sister chromatid exchange assays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 528, 75-79.	1.0	24
43	Evaluation of the genotoxic potential due to the action of an effluent contaminated with Chromium, by the Comet assay in CHO-K1 cultures. <i>Caryologia</i> , 2005, 58, 40-46.	0.3	24
44	Effects of $\beta$ -glucan extracted from <i>Agaricus blazei</i> on the expression of <i>ERCC5</i> , <i>CASP9</i> , and <i>CYP1A1</i> genes and metabolic profile in HepG2 cells. <i>Human and Experimental Toxicology</i> , 2013, 32, 647-654.	2.2	24
45	In vivo evaluation of the antimutagenic and antigenotoxic effects of $\beta$ -glucan extracted from <i>Saccharomyces cerevisiae</i> in acute treatment with multiple doses. <i>Genetics and Molecular Biology</i> , 2013, 36, 413-424.	1.3	24
46	Evaluation of the antimutagenic activity and mode of action of the fructooligosaccharide inulin in the meristematic cells of <i>Allium cepa</i> culture. <i>Genetics and Molecular Research</i> , 2014, 13, 4808-4819.	0.2	24
47	Effects of chlorophyllin on replication of poliovirus and bovine herpesvirus <i>in vitro</i> . <i>Letters in Applied Microbiology</i> , 2009, 49, 791-795.	2.2	23
48	Evaluation of the antimutagenic and anticarcinogenic effects of inulin in vivo. <i>Genetics and Molecular Research</i> , 2013, 12, 2281-2293.	0.2	23
49	Cisnerolidol Induces Endoplasmic Reticulum Stress and Cell Death in Human Hepatocellular Carcinoma Cells through Extensive CYP2C19 and CYP1A2 Oxidation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 334-341.	2.5	23
50	Antiviral activity of <i>Agaricus blazei</i> Murrill ss. Heinem extract against human and bovine herpesviruses in cell culture. <i>Brazilian Journal of Microbiology</i> , 2006, 37, 561-565.	2.0	21
51	Chemoprotective activity of the isoflavones, genistein and daidzein on mutagenicity induced by direct and indirect mutagens in cultured HTC cells. <i>Cytotechnology</i> , 2013, 65, 213-222.	1.6	21
52	Investigation of the Genotoxic Potential of the Waters of a River Receiving Tannery Effluents by Means of the in vitro Comet Assay. <i>Cytologia</i> , 2003, 68, 395-401.	0.6	20
53	Evaluation of the cytotoxicity, mutagenicity and antimutagenicity of a natural antidepressant, <i>Hypericum perforatum</i> L. (St. John's wort), on vegetal and animal test systems. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 97.	3.7	20
54	Antimutagenic and anticarcinogenic effects of wheat bran in vivo. <i>Genetics and Molecular Research</i> , 2013, 12, 1646-1659.	0.2	20

#	ARTICLE	IF	CITATIONS
55	In Vitro Evaluation of the Genotoxic Activity and Apoptosis Induction of the Extracts of Roots and Leaves from the Medicinal Plant <i>Coccoloba mollis</i> (Polygonaceae). <i>Journal of Medicinal Food</i> , 2010, 13, 503-508.	1.5	19
56	Genotoxic evaluation of the antimalarial drugs artemisinin and artesunate in human HepG2 cells and effects on CASP3 and SOD1 gene expressions. <i>Genetics and Molecular Research</i> , 2013, 12, 2517-2527.	0.2	19
57	Genotoxic evaluation of an industrial effluent from an oil refinery using plant and animal bioassays. <i>Genetics and Molecular Biology</i> , 2010, 33, 169-175.	1.3	18
58	Effects of $\beta$ -glucan polysaccharide revealed by the dominant lethal assay and micronucleus assays, and reproductive performance of male mice exposed to cyclophosphamide. <i>Genetics and Molecular Biology</i> , 2014, 37, 111-119.	1.3	18
59	Role of $1\alpha,25$ -Dihydroxyvitamin D3 in Adipogenesis of SCBS Cells: New Insights into Human Preadipocyte Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 397-408.	1.6	18
60	Determination of the antimutagenicity of an aqueous extract of <i>Rhizophora mangle</i> L. (Rhizophoraceae), using in vivo and in vitro test systems. <i>Genetics and Molecular Biology</i> , 2010, 33, 176-181.	1.3	17
61	Genotoxic and antigenotoxic effects of organic extracts of mushroom <i>Agaricus blazei</i> Murrill on V79 cells. <i>Genetics and Molecular Biology</i> , 2005, 28, 458-463.	1.3	16
62	Genistein at Maximal Physiologic Serum Levels Induces G0/G1 Arrest in MCF-7 and HB4a Cells, But Not Apoptosis. <i>Journal of Medicinal Food</i> , 2014, 17, 218-225.	1.5	16
63	Trans-chalcone induces death by autophagy mediated by p53 up-regulation and $\beta$ -catenin down-regulation on human hepatocellular carcinoma HuH7.5 cell line. <i>Phytomedicine</i> , 2021, 80, 153373.	5.3	16
64	Chlorophyllin protects HEp-2 cells from nuclear fragmentation induced by poliovirus. <i>Letters in Applied Microbiology</i> , 2004, 39, 174-177.	2.2	15
65	Clastogenic and Anticlastogenic Effect of the Essential Oil from <i>Casearia sylvestris</i> Swart.. <i>Journal of Essential Oil Research</i> , 2007, 19, 376-378.	2.7	15
66	Protective effects of $\beta$ -glucan extracted from barley against benzo[a]pyrene-induced DNA damage in hepatic cell HepG2. <i>Experimental and Toxicologic Pathology</i> , 2009, 61, 83-89.	2.1	15
67	(S)-Goniothalamin induces DNA damage, apoptosis, and decrease in <i>BIRC5</i> messenger RNA levels in NCI-H460 cells. <i>Human and Experimental Toxicology</i> , 2014, 33, 3-13.	2.2	15
68	Antiproliferative activity of goniothalamin enantiomers involves DNA damage, cell cycle arrest and apoptosis induction in MCF-7 and HB4a cells. <i>Toxicology in Vitro</i> , 2015, 30, 250-263.	2.4	15
69	Vitamin D: Correlation with biochemical and body composition changes in a southern Brazilian population and induction of cytotoxicity in mesenchymal stem cells derived from human adipose tissue. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 861-871.	5.6	15
70	6-Dimethylaminopurine and cyclohexamide are mutagenic and alter reproductive performance and intrauterine development in vivo. <i>Genetics and Molecular Research</i> , 2015, 14, 834-849.	0.2	15
71	Brazilian natural dietary components (annatto, propolis and mushrooms) protecting against mutation and cancer. <i>Human and Experimental Toxicology</i> , 2006, 25, 267-272.	2.2	14
72	Cytotoxicity, mutagenicity, and antimutagenicity of the gentisic acid on HTC cells. <i>Drug and Chemical Toxicology</i> , 2018, 41, 155-161.	2.3	14

#	ARTICLE	IF	CITATIONS
73	Liver response to low-hexachlorobenzene exposure in protein- or energy-restricted rats. <i>Food and Chemical Toxicology</i> , 1991, 29, 757-764.	3.6	13
74	Multiple Uterine Leiomyomas: Cytogenetic Analysis. <i>Gynecologic Oncology</i> , 1999, 72, 71-75.	1.4	13
75	Anticlastogenicity of chlorophyllin in the different cell cycle phases in cultured mammalian cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 557, 177-182.	1.7	13
76	Effect of annatto on micronuclei induction by direct and indirect mutagens in HepG2 cells. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 808-814.	2.2	13
77	Risk assessment via genotoxicity, metabolism, apoptosis, and cell growth effects in a HepG2/C3A cell line upon treatment with <i>Rubus rosifolius</i> (Rosaceae) leaves extract. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 495-508.	2.3	13
78	Evaluation of the antigenotoxicity of polysaccharides and Î²-glucans from <i>Agaricus blazei</i> , a model study with the single cell gel electrophoresis/Hep G2 assay. <i>Journal of Food Composition and Analysis</i> , 2009, 22, 699-703.	3.9	12
79	Evaluation of lignan (â€“) -cubebin extracted from <i>Piper cubeba</i> on human colon adenocarcinoma cells (HT29). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 92-100.	2.3	12
80	Mitotic spindle defects and DNA damage induced by dimethoxycurcumin lead to an intrinsic apoptosis pathway in HepG2/C3A cells. <i>Toxicology in Vitro</i> , 2019, 61, 104643.	2.4	12
81	3,3â€²,5,5â€²-tetramethoxybiphenyl-4,4â€²diol induces cell cycle arrest in G2/M phase and apoptosis in human non-small cell lung cancer A549 cells. <i>Chemico-Biological Interactions</i> , 2020, 326, 109133.	4.0	12
82	Differential Protection of A and B Chlorophyll in MMC-mediated Induction of Chromatid and Isochromatid Breaks in Human Lymphocytes Culture.. <i>Cytologia</i> , 2001, 66, 313-318.	0.6	11
83	Anti-clastogenic effect of b-glucan extracted from barley towards chemically induced DNA damage in rodent cells. <i>Human and Experimental Toxicology</i> , 2006, 25, 319-324.	2.2	11
84	Compounds used to produce cloned animals are genotoxic and mutagenic in mammalian assays in vitro and in vivo. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 287-298.	1.5	11
85	Cytotoxicity and genotoxicity of <i>Agaricus blazei</i> methanolic extract fractions assessed using gene and chromosomal mutation assays. <i>Genetics and Molecular Biology</i> , 2008, 31, 122-127.	1.3	10
86	Effects of (â€“) -cubebin ( <i>Piper cubeba</i> ) on cytotoxicity, mutagenicity and expression of p38 MAP kinase and GSTa2 in a hepatoma cell line. <i>Journal of Food Composition and Analysis</i> , 2013, 30, 1-5.	3.9	10
87	Pre-treatment with glutamine reduces genetic damage due to cancer treatment with cisplatin. <i>Genetics and Molecular Research</i> , 2013, 12, 6040-6051.	0.2	10
88	Salinomycin efficiency assessment in non-tumor (HB4a) and tumor (MCF-7) human breast cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 557-571.	3.0	10
89	Response of HepG2/C3A cells supplemented with sodium selenite to hydrogen peroxide-induced oxidative stress. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 209-215.	3.0	10
90	Antimicrobial effects of sophorolipid in combination with lactic acid against poultry-relevant isolates. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1769-1778.	2.0	10

#	ARTICLE	IF	CITATIONS
91	Risk Assessment via Metabolism and Cell Growth Inhibition in a HepG2/C3A Cell Line Upon Treatment with Arpadol and its Active Component Harpagoside. <i>Phytotherapy Research</i> , 2017, 31, 387-394.	5.8	9
92	Up and down-regulation of mRNA in the cytotoxicity and genotoxicity of Plumbagin in HepG2/C3A. <i>Environmental Toxicology and Pharmacology</i> , 2020, 75, 103328.	4.0	9
93	Cytotoxicity and mutagenicity of fluoxetine hydrochloride (Prozac), with or without vitamins A and C, in plant and animal model systems. <i>Genetics and Molecular Research</i> , 2014, 13, 578-589.	0.2	8
94	Mutagenic and antimutagenic effects of aqueous extract of rosemary ( <i>Rosmarinus officinalis</i> L.) on meristematic cells of <i>Allium cepa</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 9986-9996.	0.2	8
95	Cytotoxicity, genotoxicity and mechanism of action (via gene expression analysis) of the indole alkaloid aspidospermine (antiparasitic) extracted from <i>Aspidosperma polyneuron</i> in HepG2 cells. <i>Cytotechnology</i> , 2016, 68, 1161-1170.	1.6	8
96	Effects of folic acid on the antiproliferative efficiency of doxorubicin, camptothecin and methyl methanesulfonate in MCF-7 cells by mRNA endpoints. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1568-1576.	3.8	8
97	cells and their toxicogenic potential in Swiss mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 127-138.	2.8	8
98	Synthesis of hybrid perillyl-4 H-pyrans. Cytotoxicity evaluation against hepatocellular carcinoma HepG2 / C3A cell line. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2597-2614.	2.6	8
99	Transcriptional profiling analysis of susceptible and resistant strains of <i>Anticarsia gemmatalis</i> and their response to <i>Bacillus thuringiensis</i> . <i>Genomics</i> , 2021, 113, 2264-2275.	2.9	8
100	Investigation of cytotoxic and mutagenic effects of <i>Malpighia glabra</i> L. (barbados cherry) fruit pulp and vitamin C on plant and animal test systems. <i>Food Science and Technology</i> , 2012, 32, 405-411.	1.7	7
101	In vivophotothermal tumour ablation using gold nanorods. <i>Laser Physics</i> , 2013, 23, 066003.	1.2	7
102	Antiproliferative activity of monastrol in human adenocarcinoma (MCF-7) and non-tumor (HB4a) breast cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1279-1288.	3.0	7
103	Anticlastogenic Activity of Aqueous Extract of <i>Agaricus blazei</i> in Drug-Metabolizing Cells (HTCs) During Cell Cycle. <i>Toxicology Mechanisms and Methods</i> , 2007, 17, 147-152.	2.7	6
104	First genotoxicity study of Paran river water from Argentina using cells from the clam <i>Corbicula fluminea</i> (Veneroidea Corbiculidae) and Chinese hamster ( <i>Cricetulus griseus</i> Rodentia, Cricetidae) K1 cells in the comet assay. <i>Genetics and Molecular Biology</i> , 2008, 31, 561-565.	1.3	6
105	Detection of Genotoxicity of Water from an Urbanized Stream, in <i>Corbicula fluminea</i> (Mollusca) (In) Tj ETQq1 1 0.784314 rgBT /Overbo <i>Toxicology</i> , 2010, 59, 31-38.	4.1	6
106	Evaluation of extracts from <i>Coccoloba mollis</i> using the Salmonella/microsome system and in vivo tests. <i>Genetics and Molecular Biology</i> , 2010, 33, 542-548.	1.3	6
107	Cyclosporin A Treatment and Decreased Fungal Load/Antigenemia in Experimental Murine Paracoccidioidomycosis. <i>Mycopathologia</i> , 2011, 171, 161-169.	3.1	6
108	Roles of chlorophyllin in cell proliferation and the expression of apoptotic and cell cycle genes in HB4a non-tumor breast cells. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 348-354.	2.7	6

#	ARTICLE	IF	CITATIONS
109	Molecular pathways related to the control of proliferation and cell death in 786-O cells treated with plumbagin. <i>Molecular Biology Reports</i> , 2019, 46, 6071-6078.	2.3	6
110	The mutagenic potentiator effect of chlorophyllin by the HGPRT assay. <i>Toxicology in Vitro</i> , 2004, 18, 147-149.	2.4	5
111	Mechanism of Action of Chlorophyllin against Mitomycin-C Mutagenicity in <i>Allium cepa</i> . <i>Cytologia</i> , 2004, 69, 459-465.	0.6	5
112	Assessment of the in vitro and in vivo genotoxicity of extracts and indole monoterpene alkaloid from the roots of <i>Galianthe thalictroides</i> (Rubiaceae). <i>Food and Chemical Toxicology</i> , 2013, 59, 405-411.	3.6	5
113	Chlorophyllin in the intra-uterine development of mice exposed or not to cyclophosphamide - doi: 10.4025/actascihealthsci.v35i2.12470. <i>Acta Scientiarum - Health Sciences</i> , 2013, 35, 201.	0.2	5
114	Antigenotoxic and antimutagenic effects of glutamine supplementation on mice treated with cisplatin. <i>Genetics and Molecular Research</i> , 2014, 13, 4820-4830.	0.2	5
115	Avaliação da mutagenicidade e antimutagenicidade de um biopolímero extraído do microorganismo <i>Agrobacterium radiobacter</i> em camundongos Swiss. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 340-347.	1.4	4
116	Anticlastogenic effect of $\beta$ -glucan, extracted from <i>Saccharomyces cerevisiae</i> , on cultured cells exposed to ultraviolet radiation. <i>Cytotechnology</i> , 2013, 65, 41-48.	1.6	4
117	RNA expression profile of cancer marker genes in HepG2 cells treated with different concentrations of a new indolin-3-one from <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 12781.	3.3	4
118	The $\beta$ -Tomatine Exhibits Antiproliferative Activity, Rupture of Cell Membranes and Induces the Expression of APC Gene in the Human Colorectal Adenocarcinoma Cell Line (Ht-29). <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	4
119	Salinomycin induces cell cycle arrest and apoptosis and modulates hepatic cytochrome P450 mRNA expression in HepG2/C3a cells. <i>Toxicology Mechanisms and Methods</i> , 2022, 32, 341-351.	2.7	4
120	Effects of sulfated and non-sulfated $\beta$ -glucan extracted from <i>Agaricus brasiliensis</i> in breast adenocarcinoma cells - MCF-7. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 672-679.	2.7	3
121	Cytotoxicity of sodium selenite in HaCaT cells induces cell death and alters the mRNA expression of PUMA, ATR, and mTOR genes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126605.	3.0	3
122	Comparison of the Effects of Monastrol and Oxomonastrol on Human Hepatoma Cell Line HepG2/C3A. <i>Anticancer Research</i> , 2017, 37, 1197-1204.	1.1	3
123	Chemoprotective action of l-(+)-selenomethionine on the modulation of genes involved in oxidative stress and in the UPR pathway. <i>European Food Research and Technology</i> , 2013, 237, 765-773.	3.3	2
124	Evaluation of the effects of nicorandil and its molecular precursor (without radical NO) on proliferation and apoptosis of 786-cell. <i>Cytotechnology</i> , 2013, 65, 839-850.	1.6	2
125	Apoptotic and cell cycle response to homoharringtonine and harringtonine in wild and mutant p53 hepatocarcinoma cells. <i>Human and Experimental Toxicology</i> , 2020, 39, 1405-1416.	2.2	2
126	Glucosinolate-Enriched Fractions from Maca ( <i>Lepidium meyenii</i> ) Exert Myrosinase-Dependent Cytotoxic Effects against HepG2/C3A and HT29 Tumor Cell Lines. <i>Nutrition and Cancer</i> , 2022, 74, 1322-1337.	2.0	2



#	ARTICLE	IF	CITATIONS
127	Study of levan productivity from <i>Bacillus subtilis</i> Natto by surface response methodology and its antitumor activity against HepG2 cells using metabolomic approach. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1917-26.	0.2	1
128	In Vitro Metabolism Effect on Genotoxicity and Antigenotoxicity of <i>Agaricus blazei</i> Organics and Aqueous Extracts by the Comet Assay. <i>Cytologia</i> , 2006, 71, 205-211.	0.6	0
129	LNO3 AND L3 Are Associated With Antiproliferative And Pro-Apoptotic Action In Hepatoma Cells. <i>Genetics and Molecular Biology</i> , 2016, 39, 270-278.	1.3	0
130	Synthesis, Characterization, Antiproliferative Activity of Galloyl Derivatives and Investigation of Cytotoxic Properties in HepG2/C3A cells. <i>Current Pharmaceutical Biotechnology</i> , 2021, 23, .	1.6	0
131	Effects of $\beta$ -glucan from <i>S. cerevisiae</i> on the expression of Casp9, Ccna2 and Sod1 genes in MCF-7 cells. <i>Acta Scientiarum - Biological Sciences</i> , 0, 44, e54091.	0.3	0