

# Mrio Srgio Mantovani

## List of Publications by Citations

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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.

128 papers	2,835 citations	29 h-index	47 g-index
132 ext. papers	3,118 ext. citations	3 avg, IF	4.7 L-index

#	Paper	IF	Citations
128	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> , <b>2006</b> , 29, 148-158	2	187
127	beta-Glucans in promoting health: prevention against mutation and cancer. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2008</b> , 658, 154-61	7	170
126	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> , <b>2007</b> , 21, 1650-5	3.6	141
125	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> , <b>2004</b> , 27, 103-107	2	140
124	Antimutagenic effects of the mushroom <i>Agaricus blazei</i> Murrill extracts on V79 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2001</b> , 496, 5-13	3	89
123	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> , <b>2009</b> , 676, 83-6	3	83
122	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> , <b>2007</b> , 45, 24-8	2.9	75
121	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> , <b>2007</b> , 21, 41-52	3.6	65
120	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> , <b>2003</b> , 26, 551-555	2	65
119	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> , <b>2010</b> , 703, 200-8	3	64
118	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> , <b>2006</b> , 22, 285-91	7.4	60
117	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> , <b>2004</b> , 27, 270-274	2	60
116	Investigation of cytotoxic, apoptosis-inducing, genotoxic and protective effects of the flavonoid rutin in HTC hepatic cells. <i>Experimental and Toxicologic Pathology</i> , <b>2011</b> , 63, 459-65		57
115	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> , <b>2006</b> , 20, 1225-33	3.6	52
114	Anti-genotoxic effect of aqueous extracts of sun mushroom ( <i>Agaricus blazei</i> Murill lineage 99/26) in mammalian cells in vitro. <i>Food and Chemical Toxicology</i> , <b>2002</b> , 40, 1775-80	4.7	48
113	Evaluation of <i>Agaricus blazei</i> in vivo for antigenotoxic, anticarcinogenic, phagocytic and immunomodulatory activities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2011</b> , 59, 412-22	3.4	45
112	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> , <b>2006</b> , 20, 355-60	3.6	44

111	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> , <b>2017</b> , 13, 686-698	6.4	43
110	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> , <b>2009</b> , 83, 81-6	5.8	43
109	Variation of the antimutagenicity effects of water extracts of <i>Agaricus blazei</i> Murrill in vitro. <i>Toxicology in Vitro</i> , <b>2004</b> , 18, 301-9	3.6	37
108	Evaluation of environmental waters using the comet assay in <i>Tilapia rendalli</i> . <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 19, 197-201	5.8	34
107	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> , <b>2003</b> , 17, 465-9	3.6	33
106	In vitro genotoxicity assessment of caffeic, cinnamic and ferulic acids. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 1130-40	1.2	32
105	Comet assay comparison of different <i>Corbicula fluminea</i> (Mollusca) tissues for the detection of genotoxicity. <i>Genetics and Molecular Biology</i> , <b>2005</b> , 28, 464-468	2	32
104	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> , <b>2011</b> , 715, 7-12	3.3	31
103	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> , <b>2015</b> , 36, 102-11	6.4	30
102	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> , <b>2002</b> , 25, 85-89	2	30
101	Effects of the polysaccharide beta-glucan on clastogenicity and teratogenicity caused by acute exposure to cyclophosphamide in mice. <i>Regulatory Toxicology and Pharmacology</i> , <b>2009</b> , 53, 164-73	3.4	29
100	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> , <b>2004</b> , 18, 337-42	3.6	29
99	CXCL12 rs1801157 polymorphism and expression in peripheral blood from breast cancer patients. <i>Cytokine</i> , <b>2011</b> , 55, 260-5	4	26
98	Evaluation of the genotoxic and anti-genotoxic activities of silybin in human hepatoma cells (HepG2). <i>Mutagenesis</i> , <b>2010</b> , 25, 223-9	2.8	26
97	Bisphenol A reduces testosterone production in TM3 Leydig cells independently of its effects on cell death and mitochondrial membrane potential. <i>Reproductive Toxicology</i> , <b>2018</b> , 76, 26-34	3.4	24
96	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> , <b>2005</b> , 19, 533-9	3.6	24
95	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> , <b>2004</b> , 18, 617-22	3.6	24
94	Mechanism of anticlastogenicity of <i>Agaricus blazei</i> Murill mushroom organic extracts in wild type CHO (K1) and repair deficient (xrs5) cells by chromosome aberration and sister chromatid exchange assays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2003</b> , 528, 75-9	3.3	23

93	Effects of $\beta$ -glucan extracted from <i>Agaricus blazei</i> on the expression of ERCC5, CASP9, and CYP1A1 genes and metabolic profile in HepG2 cells. <i>Human and Experimental Toxicology</i> , <b>2013</b> , 32, 647-54	3.4	22
92	Evaluation of chemopreventive activity of glutamine by the comet and the micronucleus assay in mice peripheral blood. <i>Environmental Toxicology and Pharmacology</i> , <b>2009</b> , 28, 120-4	5.8	21
91	Cytotoxic and genotoxic butanolides and lignans from <i>Aiouea trinervis</i> . <i>Planta Medica</i> , <b>2005</b> , 71, 923-7	3.1	21
90	Cytotoxic, biochemical and genotoxic effects of biodiesel produced by different routes on ZFL cell line. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 1117-25	3.6	20
89	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> , <b>2014</b> , 13, 4808-19	1.2	20
88	Plasma malondialdehyde levels and CXCR4 expression in peripheral blood cells of breast cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2009</b> , 135, 997-1004	4.9	20
87	Chemoprotective activity of the isoflavones, genistein and daidzein on mutagenicity induced by direct and indirect mutagens in cultured HTC cells. <i>Cytotechnology</i> , <b>2013</b> , 65, 213-22	2.2	19
86	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> , <b>2013</b> , 36, 413-24	2	19
85	Antiviral activity of <i>Agaricus blazei</i> Murrill ss. <i>Heinem</i> extract against human and bovine herpesviruses in cell culture. <i>Brazilian Journal of Microbiology</i> , <b>2006</b> , 37, 561-565	2.2	19
84	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> , <b>2003</b> , 68, 395-401	0.9	19
83	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> , <b>2005</b> , 58, 40-46		18
82	Investigation of genotoxic and antigenotoxic activities of chlorophylls and chlorophyllin in cultured V79 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2001</b> , 497, 139-45	3	18
81	Cis-Nerolidol 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> , <b>2017</b> , 121, 334-341	3.1	17
80	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> , <b>2014</b> , 27, 78-84	4.5	17
79	Evaluation of the antimutagenic and anticarcinogenic effects of inulin in vivo. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 2281-93	1.2	17
78	Genotoxic evaluation of an industrial effluent from an oil refinery using plant and animal bioassays. <i>Genetics and Molecular Biology</i> , <b>2010</b> , 33, 169-75	2	17
77	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> , <b>2014</b> , 37, 111-9	2	15
76	Antimutagenic and anticarcinogenic effects of wheat bran in vivo. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 1646-59	1.2	15

75	Role of 1[25-Dihydroxyvitamin D3 in Adipogenesis of SGBS Cells: New Insights into Human Preadipocyte Proliferation. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 48, 397-408	3.9	14
74	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> , <b>2009</b> , 61, 83-9		14
73	Genotoxic and antigenotoxic effects of organic extracts of mushroom <i>Agaricus blazei</i> Murrill on V79 cells. <i>Genetics and Molecular Biology</i> , <b>2005</b> , 28, 458-463	2	14
72	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> , <b>2019</b> , 14, e0212089	3.7	13
71	Antiproliferative activity of goniothalamine enantiomers involves DNA damage, cell cycle arrest and apoptosis induction in MCF-7 and HB4a cells. <i>Toxicology in Vitro</i> , <b>2015</b> , 30, 250-63	3.6	13
70	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> , <b>2014</b> , 17, 218-25	2.8	13
69	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> , <b>2013</b> , 13, 97	4.7	13
68	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> , <b>2013</b> , 12, 2517-27	1.2	13
67	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> , <b>2010</b> , 33, 176-81		13
66	Liver response to low-hexachlorobenzene exposure in protein- or energy-restricted rats. <i>Food and Chemical Toxicology</i> , <b>1991</b> , 29, 757-64	4.7	13
65	(S)-Goniothalamine induces DNA damage, apoptosis, and decrease in BIRC5 messenger RNA levels in NCI-H460 cells. <i>Human and Experimental Toxicology</i> , <b>2014</b> , 33, 3-13	3.4	12
64	Evaluation of the antigenotoxicity of polysaccharides and $\beta$ -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> , <b>2009</b> , 22, 699-703	4.1	12
63	Clastogenic and Anticlastogenic Effect of the Essential Oil from <i>Casearia sylvestris</i> Swart.. <i>Journal of Essential Oil Research</i> , <b>2007</b> , 19, 376-378	2.3	12
62	Brazilian natural dietary components (annatto, propolis and mushrooms) protecting against mutation and cancer. <i>Human and Experimental Toxicology</i> , <b>2006</b> , 25, 267-72	3.4	12
61	Multiple uterine leiomyomas: cytogenetic analysis. <i>Gynecologic Oncology</i> , <b>1999</b> , 72, 71-5	4.9	12
60	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> , <b>2010</b> , 13, 503-8	2.8	11
59	Effect of annatto on micronuclei induction by direct and indirect mutagens in HepG2 cells. <i>Environmental and Molecular Mutagenesis</i> , <b>2009</b> , 50, 808-14	3.2	11
58	Chlorophyllin protects HEp-2 cells from nuclear fragmentation induced by poliovirus. <i>Letters in Applied Microbiology</i> , <b>2004</b> , 39, 174-7	2.9	11

57	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> , <b>2017</b> , 91, 861-871	7.5	10
56	Evaluation of lignan (-)-cubebin extracted from Piper cubeba on human colon adenocarcinoma cells (HT29). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2016</b> , 79, 92-100	3.2	10
55	Effects of chlorophyllin on replication of poliovirus and bovine herpesvirus in vitro. <i>Letters in Applied Microbiology</i> , <b>2009</b> , 49, 791-5	2.9	10
54	Anti-clastogenic effect of beta-glucan extracted from barley towards chemically induced DNA damage in rodent cells. <i>Human and Experimental Toxicology</i> , <b>2006</b> , 25, 319-24	3.4	10
53	Effects of (-)-cubebin (Piper cubeba) on cytotoxicity, mutagenicity and expression of p38 MAP kinase and GSTa2 in a hepatoma cell line. <i>Journal of Food Composition and Analysis</i> , <b>2013</b> , 30, 1-5	4.1	9
52	Anticlastogenicity of chlorophyllin in the different cell cycle phases in cultured mammalian cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2004</b> , 557, 177-82	3	9
51	Differential Protection of A and B Chlorophyll in MMC-mediated Induction of Chromatid and Isochromatid Breaks in Human Lymphocytes Culture.. <i>Cytologia</i> , <b>2001</b> , 66, 313-318	0.9	9
50	Cytotoxicity, genotoxicity and mechanism of action (via gene expression analysis) of the indole alkaloid aspidospermine (antiparasitic) extracted from Aspidosperma polyneuron in HepG2 cells. <i>Cytotechnology</i> , <b>2016</b> , 68, 1161-70	2.2	8
49	Risk assessment via genotoxicity, metabolism, apoptosis, and cell growth effects in a HepG2/C3A cell line upon treatment with (Rosaceae) leaves extract. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2020</b> , 83, 495-508	3.2	8
48	Cytotoxicity, mutagenicity, and antimutagenicity of the gentisic acid on HTC cells. <i>Drug and Chemical Toxicology</i> , <b>2018</b> , 41, 155-161	2.3	8
47	Salinomycin efficiency assessment in non-tumor (HB4a) and tumor (MCF-7) human breast cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2016</b> , 389, 557-71	3.4	8
46	6-Dimethylaminopurine and cyclohexamide are mutagenic and alter reproductive performance and intrauterine development in vivo. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 834-49	1.2	8
45	Trans-chalcone induces death by autophagy mediated by p53 up-regulation and E-catenin down-regulation on human hepatocellular carcinoma HuH7.5 cell line. <i>Phytomedicine</i> , <b>2021</b> , 80, 153373	6.5	8
44	Mitotic spindle defects and DNA damage induced by dimethoxycurcumin lead to an intrinsic apoptosis pathway in HepG2/C3A cells. <i>Toxicology in Vitro</i> , <b>2019</b> , 61, 104643	3.6	7
43	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> , <b>2018</b> , 25, 1568-1576	4.1	7
42	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> , <b>2014</b> , 47, 287-98	2.8	7
41	In vivophotothermal tumour ablation using gold nanorods. <i>Laser Physics</i> , <b>2013</b> , 23, 066003	1.2	7
40	Pre-treatment with glutamine reduces genetic damage due to cancer treatment with cisplatin. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 6040-51	1.2	7



39	Cytotoxicity and genotoxicity of <i>Agaricus blazei</i> methanolic extract fractions assessed using gene and chromosomal mutation assays. <i>Genetics and Molecular Biology</i> , <b>2008</b> , 31, 122-127	2	7
38	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> , <b>2017</b> , 31, 387-394	6.7	6
37	Up and down-regulation of mRNA in the cytotoxicity and genotoxicity of Plumbagin in HepG2/C3A. <i>Environmental Toxicology and Pharmacology</i> , <b>2020</b> , 75, 103328	5.8	6
36	Cyclosporin A treatment and decreased fungal load/antigenemia in experimental murine paracoccidioidomycosis. <i>Mycopathologia</i> , <b>2011</b> , 171, 161-9	2.9	6
35	First genotoxicity study of Paran�river water from Argentina using cells from the clam <i>Corbicula fluminea</i> (Veneroida Corbiculidae) and Chinese hamster ( <i>Cricetulus griseus</i> Rodentia, Cricetidae) K1 cells in the comet assay. <i>Genetics and Molecular Biology</i> , <b>2008</b> , 31, 561-565	2	6
34	3,3',5,5'-tetramethoxybiphenyl-4,4'-diol induces cell cycle arrest in G2/M phase and apoptosis in human non-small cell lung cancer A549 cells. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 326, 109133	5	6
33	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> , <b>2016</b> , 26, 348-54	3.6	6
32	Molecular pathways related to the control of proliferation and cell death in 786-O cells treated with plumbagin. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 6071-6078	2.8	5
31	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> , <b>2012</b> , 32, 405-411	2	5
30	Anticlastogenic Activity of Aqueous Extract of <i>Agaricus blazei</i> in Drug-Metabolizing Cells (HTCs) During Cell Cycle. <i>Toxicology Mechanisms and Methods</i> , <b>2007</b> , 17, 147-52	3.6	5
29	Mechanism of Action of Chlorophyllin against Mitomycin-C Mutagenicity in <i>Allium cepa</i> . <i>Cytologia</i> , <b>2004</b> , 69, 459-465	0.9	5
28	New Bis copper complex ((Z) -4 - ((4-chlorophenyl) amino) -4-oxobut-2-enoyl) oxy): Cytotoxicity in 4T1 cells and their toxicogenic potential in Swiss mice. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 356, 127-138	4.6	4
27	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> , <b>2018</b> , 50, 209-215	4.1	4
26	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> , <b>2014</b> , 13, 578-89	1.2	4
25	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> , <b>2014</b> , 13, 9986-96	1.2	4
24	Detection of genotoxicity of water from an urbanized stream, in <i>Corbicula fluminea</i> (Mollusca) (in vivo) and CHO-K1 cells (in vitro) using comet assay. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 59, 31-8	3.2	4
23	The mutagenic potentiator effect of chlorophyllin by the HGPRT assay. <i>Toxicology in Vitro</i> , <b>2004</b> , 18, 147-56	3.9	4
22	Antigenotoxic and antimutagenic effects of glutamine supplementation on mice treated with cisplatin. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 4820-30	1.2	4

21	Antiproliferative activity of monastrol in human adenocarcinoma (MCF-7) and non-tumor (HB4a) breast cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2016</b> , 389, 1279-1288	3-4	4
20	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> , <b>2015</b> , 25, 672-9	3-6	3
19	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> , <b>2013</b> , 59, 405-11	4-7	3
18	Anticlastogenic effect of $\beta$ -glucan, extracted from <i>Saccharomyces cerevisiae</i> , on cultured cells exposed to ultraviolet radiation. <i>Cytotechnology</i> , <b>2013</b> , 65, 41-8	2-2	3
17	Avaliação da mutagenicidade e antimutagenicidade de um biopolímero extraído do microorganismo <i>Agrobacterium radiobacter</i> em camundongos Swiss. <i>Revista Brasileira De Farmacognosia</i> , <b>2010</b> , 20, 340-347	2	3
16	Comparison of the Effects of Monastrol and Oxomonastrol on Human Hepatoma Cell Line HepG2/C3A. <i>Anticancer Research</i> , <b>2017</b> , 37, 1197-1204	2-3	3
15	Transcriptional profiling analysis of susceptible and resistant strains of <i>Anticarsia gemmatilis</i> and their response to <i>Bacillus thuringiensis</i> . <i>Genomics</i> , <b>2021</b> , 113, 2264-2275	4-3	3
14	Apoptotic and cell cycle response to homoharringtonine and harringtonine in wild and mutant p53 hepatocarcinoma cells. <i>Human and Experimental Toxicology</i> , <b>2020</b> , 39, 1405-1416	3-4	2
13	Synthesis of hybrid perillyl-4H-pyrans. Cytotoxicity evaluation against hepatocellular carcinoma HepG2/C3A cell line. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 2597-2614	1-9	2
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11	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> , <b>2013</b> , 237, 765-773	3-4	2
10	Evaluation of the effects of nicorandil and its molecular precursor (without radical NO) on proliferation and apoptosis of 786-cell. <i>Cytotechnology</i> , <b>2013</b> , 65, 839-50	2-2	2
9	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> , <b>2013</b> , 35, 201	0-2	2
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7	Evaluation of extracts from <i>Coccoloba mollis</i> using the Salmonella/microsome system and in vivo tests. <i>Genetics and Molecular Biology</i> , <b>2010</b> , 33, 542-8	2	1
6	Antimicrobial effects of sophorolipid in combination with lactic acid against poultry-relevant isolates. <i>Brazilian Journal of Microbiology</i> , <b>2021</b> , 52, 1769-1778	2-2	1
5	Glucosinolate-Enriched Fractions from Maca () Exert Myrosinase-Dependent Cytotoxic Effects against HepG2/C3A and HT29 Tumor Cell Lines. <i>Nutrition and Cancer</i> , <b>2021</b> , 1-16	2-8	1
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