

Rodrigo Juliano Oliveira

List of Publications by Year in descending order

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104
papers

1,538
citations

331259

21
h-index

395343

33
g-index

105
all docs

105
docs citations

105
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	β -Glucans in promoting health: Prevention against mutation and cancer. Mutation Research - Reviews in Mutation Research, 2008, 658, 154-161.	2.4	193
2	Protective effect of β -glucan extracted from <i>Saccharomyces cerevisiae</i> , against DNA damage and cytotoxicity in wild-type (k1) and repair-deficient (xrs5) CHO cells. Toxicology in Vitro, 2007, 21, 41-52.	1.1	80
3	Evaluation of antimutagenic activity and mechanisms of action of β -glucan from barley, in CHO-k1 and HTC cell lines using the micronucleus test. Toxicology in Vitro, 2006, 20, 1225-1233.	1.1	59
4	Evaluation of <i>Agaricus blazei</i> in vivo for antigenotoxic, anticarcinogenic, phagocytic and immunomodulatory activities. Regulatory Toxicology and Pharmacology, 2011, 59, 412-422.	1.3	56
5	Effects of the polysaccharide β -glucan on clastogenicity and teratogenicity caused by acute exposure to cyclophosphamide in mice. Regulatory Toxicology and Pharmacology, 2009, 53, 164-173.	1.3	46
6	Cytotoxicity of fipronil on mice liver cells. Microscopy Research and Technique, 2012, 75, 28-35.	1.2	37
7	Genotoxic and mutagenic effects of fipronil on mice. Experimental and Toxicologic Pathology, 2012, 64, 569-573.	2.1	36
8	Antigenotoxic and antimutagenic effects of <i>Schinus terebinthifolius</i> Raddi in <i>Allium cepa</i> and Swiss mice: A comparative study. Genetics and Molecular Research, 2014, 13, 3411-3425.	0.3	36
9	Activity of selenium on cell proliferation, cytotoxicity, and apoptosis and on the expression of CASP9, BCL-XL and APC in intestinal adenocarcinoma cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 715, 7-12.	0.4	35
10	A new synthetic resorcinolic lipid 3-Heptyl-3,4,6-trimethoxy-3H-isobenzofuran-1-one: Evaluation of toxicology and ability to potentiate the mutagenic and apoptotic effects of cyclophosphamide. European Journal of Medicinal Chemistry, 2014, 75, 132-142.	2.6	33
11	Evaluation of chemopreventive activity of glutamine by the comet and the micronucleus assay in mice's peripheral blood. Environmental Toxicology and Pharmacology, 2009, 28, 120-124.	2.0	32
12	Diaryl sulfide analogs of combretastatin A-4: Toxicogenetic, immunomodulatory and apoptotic evaluations and prospects for use as a new chemotherapeutic drug. Environmental Toxicology and Pharmacology, 2015, 40, 715-721.	2.0	29
13	Effects of intra-articular injection of mesenchymal stem cells associated with platelet-rich plasma in a rabbit model of osteoarthritis. Genetics and Molecular Research, 2016, 15, .	0.3	29
14	Analgesic and anti-inflammatory articular effects of essential oil and camphor isolated from <i>Ocimum kilimandscharicum</i> GA $\frac{1}{4}$ rke leaves. Journal of Ethnopharmacology, 2021, 269, 113697.	2.0	29
15	Anti-inflammatory Evaluation and Toxicological Analysis of <i>Campomanesia xanthocarpa</i> Berg. Inflammation, 2016, 39, 1462-1468.	1.7	28
16	Analysis of the anti-inflammatory and chemopreventive potential and description of the antimutagenic mode of action of the <i>Annona crassiflora</i> methanolic extract. Pharmaceutical Biology, 2016, 54, 35-47.	1.3	26
17	Gestational exposure to <i>Byrsonima verbascifolia</i> : Teratogenicity, mutagenicity and immunomodulation evaluation in female Swiss mice. Journal of Ethnopharmacology, 2013, 150, 843-850.	2.0	24
18	In vivo evaluation of the antimutagenic and antigenotoxic effects of β -glucan extracted from <i>Saccharomyces cerevisiae</i> in acute treatment with multiple doses. Genetics and Molecular Biology, 2013, 36, 413-424.	0.6	24

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19	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.	0.3	24
20	<i>Gochnatia polymorpha</i> ssp. <i>floccosa</i> : Bioprospecting of an anti-inflammatory phytotherapy for use during pregnancy. <i>Journal of Ethnopharmacology</i> , 2014, 154, 370-379.	2.0	24
21	Evaluation of anti-inflammatory, immunomodulatory, chemopreventive and wound healing potentials from <i>Schinus terebinthifolius</i> methanolic extract. <i>Revista Brasileira De Farmacognosia</i> , 2014, 24, 565-575.	0.6	23
22	Toxicological analysis and anti-inflammatory effects of essential oil from <i>Piper vicosanum</i> leaves. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 699-705.	1.3	23
23	The mixture of cashew nut shell liquid and castor oil results in an efficient larvicide against <i>Aedes aegypti</i> that does not alter embryo-fetal development, reproductive performance or DNA integrity. <i>PLoS ONE</i> , 2018, 13, e0193509.	1.1	23
24	Therapeutic potential of mesenchymal stem cells to treat Achilles tendon injuries. <i>Genetics and Molecular Research</i> , 2014, 13, 10434-10449.	0.3	22
25	Effects of β -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.	0.6	18
26	Cardanol: toxicogenetic assessment and its effects when combined with cyclophosphamide. <i>Genetics and Molecular Biology</i> , 2016, 39, 279-289.	0.6	18
27	Resistant starch: a functional food that prevents DNA damage and chemical carcinogenesis. <i>Genetics and Molecular Research</i> , 2015, 14, 1679-1691.	0.3	17
28	A novel cytosporone 3-Heptyl-4,6-dihydroxy-3H-isobenzofuran-1-one: synthesis; toxicological, apoptotic and immunomodulatory properties; and potentiation of mutagenic damage. <i>BMC Cancer</i> , 2015, 15, 561.	1.1	17
29	All-trans retinoic acid induces mitochondria-mediated apoptosis of human adipose-derived stem cells and affects the balance of the adipogenic differentiation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1267-1274.	2.5	17
30	Anti-Inflammatory and Antihyperalgesic Activities of Ethanolic Extract and Fruticulin A from <i>Salvia lachnostachys</i> Leaves in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-8.	0.5	16
31	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.	2.5	15
32	Antidepressive and antinociceptive effects of ethanolic extract and fruticuline A from <i>Salvia lachnostachys</i> Benth leaves on rodents. <i>PLoS ONE</i> , 2017, 12, e0172151.	1.1	15
33	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.	0.3	15
34	4-Aminoantipyrine reduces toxic and genotoxic effects of doxorubicin, cisplatin, and cyclophosphamide in male mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 805, 19-24.	0.9	14
35	Evaluation of mutagenic, teratogenic, and immunomodulatory effects of <i>Annona nutans</i> hydromethanolic fraction on pregnant mice. <i>Genetics and Molecular Research</i> , 2014, 13, 4392-4405.	0.3	14
36	Resorcinolic lipid 3-heptyl-3,4,6-trimethoxy-3H-isobenzofuran-1-one is a strategy for melanoma treatment. <i>Life Sciences</i> , 2018, 209, 300-312.	2.0	13

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37	Evaluation of the antimutagenic activity and mode of action of carrageenan fiber in cultured meristematic cells of <i>Allium cepa</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 9523-9532.	0.3	12
38	Mesenchymal stem cell therapy promotes the improvement and recovery of renal function in a preclinical model. <i>Genetics and Molecular Biology</i> , 2016, 39, 290-299.	0.6	12
39	Carboxytherapy: Controls the inflammation and enhances the production of fibronectin on wound healing under venous insufficiency. <i>International Wound Journal</i> , 2019, 16, 316-324.	1.3	12
40	Reproductive toxicity of <i>Campomanesia xanthocarpa</i> (Berg.) in female Wistar rats. <i>Journal of Ethnopharmacology</i> , 2013, 148, 341-343.	2.0	11
41	Calcitriol combined with calcium chloride causes apoptosis in undifferentiated adipose tissue-derived human mesenchymal stem cells, but this effect decreases during adipogenic differentiation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 914-924.	2.5	11
42	Genotoxic and Mutagenic Effects of Diflubenzuron, an Insect Growth Regulator, on Mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 1003-1006.	1.1	10
43	Pre-treatment with glutamine reduces genetic damage due to cancer treatment with cisplatin. <i>Genetics and Molecular Research</i> , 2013, 12, 6040-6051.	0.3	10
44	Anti-inflammatory, antimycobacterial and genotoxic evaluation of <i>Dolioscarpus dentatus</i> . <i>Journal of Ethnopharmacology</i> , 2017, 204, 18-25.	2.0	10
45	The safe use of <i>Dolioscarpus dentatus</i> in the gestational period: Absence of changes in maternal reproductive performance, embryo-fetal development and DNA integrity. <i>Journal of Ethnopharmacology</i> , 2018, 217, 1-6.	2.0	10
46	Assessment of genetic integrity, splenic phagocytosis and cell death potential of (Z)-4-((1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl) amino)-4-oxobut-2-enoic acid and its effect when combined with commercial chemotherapeutics. <i>Genetics and Molecular Biology</i> , 2018, 41, 154-166.	0.6	10
47	Antimicrobial activity of plant extracts against carbapenem-producing <i>Klebsiella pneumoniae</i> and in vivo toxicological assessment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 719-729.	1.1	10
48	Influence of high-intensity interval training and intermittent fasting on myocardium apoptosis pathway and cardiac morphology of healthy rats. <i>Life Sciences</i> , 2021, 264, 118697.	2.0	10
49	Developmental exposure to fenproporex: reproductive and morphological evaluation. <i>Human and Experimental Toxicology</i> , 2005, 24, 397-402.	1.1	9
50	Effects of dichloromethane and butanol fractions of <i>Gochnatia polymorpha</i> subsp. <i>floccosa</i> in maternal reproductive outcome, embryo-fetal development and DNA integrity in mice. <i>Journal of Ethnopharmacology</i> , 2017, 200, 205-208.	2.0	9
51	In vivo chemotherapeutic insight of a novel isocoumarin (3-hexyl-5,7-dimethoxy-isochromen-1-one): Genotoxicity, cell death induction, leukometry and phagocytic evaluation. <i>Genetics and Molecular Biology</i> , 2017, 40, 665-675.	0.6	9
52	Biomonitoring of pharmacists and nurses at occupational risk from handling antineoplastic agents. <i>International Journal of Pharmacy Practice</i> , 2020, 28, 506-511.	0.3	9
53	The intra-articular injection of adipose-derived stem cells decreases pain and reduces inflammation in knee osteoarthritis, with or without the addition of platelet-rich plasma also improves functionality. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 900-912.	1.3	9
54	Evaluation of the mutagenicity and antimutagenicity of soy phytoestrogens using micronucleus and comet assays of the peripheral blood of mice. <i>Genetics and Molecular Research</i> , 2013, 12, 519-527.	0.3	8

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55	Effects of <i>Maytenus ilicifolia</i> on reproduction and embryo-fetal development in Wistar rats. <i>Genetics and Molecular Research</i> , 2014, 13, 3711-3720.	0.3	8
56	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.	0.3	8
57	Evaluation of the Antitumor Potential of the Resorcinolic Lipid 3-Heptyl-3,4,6-trimethoxy-3H-isobenzofuran-1-one in Breast Cancer Cells. <i>Anticancer Research</i> , 2018, 38, 4565-4576.	0.5	8
58	cells and their toxicogenic potential in Swiss mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 127-138.	1.3	8
59	New complexes of usnate with lanthanides ions: La(III), Nd(III), Tb(III), Gd(III), synthesis, characterization, and investigation of cytotoxic properties in MCF-7 cells. <i>Inorganica Chimica Acta</i> , 2020, 506, 119546.	1.2	8
60	TRANSPLANTATION OF ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IN REFRACTORY CROHN'S DISEASE: SYSTEMATIC REVIEW. <i>Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery</i> , 2019, 32, e1465.	0.5	8
61	Maternal exposure to <i>Cochlospermum regium</i> : a toxicological evaluation. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 374-378.	0.6	7
62	Evaluation of pH effects on genomic integrity in adipose-derived mesenchymal stem cells using the comet assay. <i>Genetics and Molecular Research</i> , 2015, 14, 339-348.	0.3	7
63	Evaluation of the effects of the larvicides temephos on reproductive performance, embryofetal development and DNA integrity of Swiss mice. <i>Pesticide Biochemistry and Physiology</i> , 2018, 148, 22-27.	1.6	7
64	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.	1.3	6
65	Effects of an ethanolic extract and fractions from <i>Piper glabratum</i> (Piperaceae) leaves on pain and inflammation. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 117, 104762.	1.3	6
66	Pro-inflammatory response induced by the venom of <i>Parachartergus fraternus</i> wasp. <i>Toxicon</i> , 2021, 190, 11-19.	0.8	6
67	<i>Blutaparion portulacoides</i> ethanolic extract reduced IL-1 β and inflammatory parameters induced by the <i>Mycobacterium</i> complex and carrageenan in mice. <i>Inflammopharmacology</i> , 2021, 29, 439-450.	1.9	6
68	Evaluation of the safety of ethanolic extract from <i>Piper amalago</i> L. (Piperaceae) leaves in vivo: Subacute toxicity and genotoxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 129, 105118.	1.3	6
69	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
70	Evaluation of the toxicokinetics and apoptotic potential of ethanol extract from <i>Echinodorus macrophyllus</i> leaves in vivo. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 82, 32-38.	1.3	5
71	Genetic toxicological assessment and anti-arthritic effects of an ethanolic extract obtained from <i>Salvia lachnostachys</i> Benth leaves in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 239-244.	1.3	5
72	Walker-256 Tumor: Experimental Model, Implantation Sites and Number of Cells for Ascitic and Solid Tumor Development. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	5

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73	Assessment of the toxicogenic effects and cell death potential of the ester (Z)-methyl 4-((1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)amino)-4-oxobut-2-anoate in combination with cisplatin, cyclophosphamide and doxorubicin. <i>Genetics and Molecular Biology</i> , 2019, 42, 399-410.	0.6	5
74	Aqueous extract from leaves of <i>Dolioscarpus dentatus</i> (Aubl.) Standl. relieves pain without genotoxicity activity. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113440.	2.0	5
75	Antigenotoxic and antimutagenic effects of glutamine supplementation on mice treated with cisplatin. <i>Genetics and Molecular Research</i> , 2014, 13, 4820-4830.	0.3	5
76	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.	0.6	4
77	Anticlastogenic effect of Î²-glucan, extracted from <i>Saccharomyces cerevisiae</i> , on cultured cells exposed to ultraviolet radiation. <i>Cytotechnology</i> , 2013, 65, 41-48.	0.7	4
78	Genomic lesions and colorectal carcinogenesis: the effects of protein-calorie restriction and inulin supplementation on deficiency statuses. <i>Genetics and Molecular Research</i> , 2015, 14, 2422-2435.	0.3	4
79	Effects of <i>Moquiniastrium polymorphum</i> ssp <i>floccosum</i> ethnolic extract on colorectal carcinogenesis induced by 1,2-dimethylhydrazine. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	4
80	Prevention of DNA damage and anticarcinogenic activity of <i>Activia</i> in a preclinical model. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	4
81	Effects of 3,4,6-trimethoxyisobenzofuranone alone or/in association with cyclophosphamide on testicular function. <i>Andrologia</i> , 2020, 52, e13622.	1.0	4
82	The Î±-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
83	Actions of sesquiterpene lactones isolated from <i>Moquiniastrium polymorphum</i> subsp. <i>floccosum</i> in MCF7 cell line and their potentiating action on doxorubicin. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 53.	1.0	3
84	Assessment of acute toxicity and cytotoxicity of fluorescent markers produced by cardanol and glycerol, which are industrial waste, to different biological models. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9193-9202.	2.7	3
85	Evaluation of the testis function of mice exposed in utero and during lactation to <i>Paffia glomerata</i> (Brazilian ginseng). <i>Andrologia</i> , 2019, 51, e13328.	1.0	3
86	S-(4-methoxyphenyl)-4-methoxybenzenesulfonothioate as a Promising Lead Compound for the Development of a Renal Carcinoma Agent. <i>ChemMedChem</i> , 2020, 15, 449-458.	1.6	3
87	Pyriproxyfen does not cause microcephaly or malformations in a preclinical mammalian model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4585-4593.	2.7	3
88	Tucum-do-Pantanal (<i>Bactris setosa</i> Mart.): Physicochemical Characterization of Almonds, Press Cake and Crude Oil. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	3
89	Design, synthesis and in vivo evaluation of 1,4-dioxo-2-butenyl aryl amine derivatives as a promising anti-inflammatory drug prototype. <i>Bioorganic Chemistry</i> , 2022, 124, 105754.	2.0	3
90	Effects of phenylalanine on reproductive performance and teratogenesis in mice. <i>Genetics and Molecular Research</i> , 2014, 13, 5606-5616.	0.3	2

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91	Morphological study of rat skin flaps treated with subcutaneous dimethyl sulfoxide combined with hyperbaric oxygen therapy. <i>Genetics and Molecular Research</i> , 2015, 14, 18160-18171.	0.3	2
92	Acute and subacute (28 days) oral toxicity studies of tucum almond oil (<i>Bactris Setosa</i> Mart.) in mice. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1754-1760.	1.2	2
93	Chemopreventive activity of phenylalanine against damage mutagenic prompted by the acute administration of cyclophosphamide in pregnant and non-pregnant mice using the micronucleus test. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 334-339.	0.6	2
94	Moquiniastrum polymorphum subsp floccosum extract: screening for mutagenic and antimutagenic activity. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	1
95	The Use of Natural Fiber-Rich Food Product Is Safe and Reduces Aberrant Crypt Foci in a Pre-Clinical Model. <i>Nutrients</i> , 2021, 13, 2708.	1.7	1
96	CHEMICAL CONSTITUENTS AND PHYTOTOXIC ACTIVITY OF LEAVES OF <i>Annona nutans</i> . <i>Quimica Nova</i> , 2015, , .	0.3	1
97	Atividade clastogênica e genotóxica de altas concentrações do extrato aquoso de <i>Agaricus brasiliensis</i> e diferentes respostas quando associado aos inibidores de reparo de DNA, ARA-C e 3DEOT, in vitro.. <i>Semina: Ciências Biológicas E Da Saúde</i> , 2006, 27, 13.	0.0	1
98	Evaluation of the efficacy and safety of transplantation of adipose-derived stem cells in the treatment of refractory fistulizing Crohn's disease. <i>Research, Society and Development</i> , 2022, 11, e575111252992.	0.0	1
99	The treatment with all-trans retinoic acid causes apoptosis without chromosomal instability in adipose-derived stem cells and might act starting the browning process. <i>Research, Society and Development</i> , 2022, 11, e53511326787.	0.0	1
100	The enzymatic disaggregation by trypsin does not alter cell quality and genomic stability of adipose-derived stem cells cultivated for human cell therapy. <i>Cell and Tissue Banking</i> , 2021, , 1.	0.5	0
101	Toxicological analysis and efficacy of 2-phenylchromone on mycobacteria viability and inflammatory response induced by <i>Mycobacterium bovis</i> . <i>Phytomedicine Plus</i> , 2021, 1, 100117.	0.9	0
102	Development of an Extraction Protocol for Fetal Sexing from the Fourth Week of Gestation by Real Time PCR. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	0
103	Adipose-derived stem cells in the treatment of knee osteoarthritis: from extraction methods to the preparation of the transplant. <i>Research, Society and Development</i> , 2022, 11, e24111124699.	0.0	0
104	Synthesis, Characterization, Antiproliferative Activity of Galloyl Derivatives and Investigation of Cytotoxic Properties in HepG2/C3A cells. <i>Current Pharmaceutical Biotechnology</i> , 2021, 23, .	0.9	0