

Cesar K Grisolia

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,461
citations

201674

27
h-index

223800

46
g-index

83
all docs

83
docs citations

83
times ranked

3503
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of triclosan on zebrafish early-life stages and adults. <i>Environmental Science and Pollution Research</i> , 2009, 16, 679-688.	5.3	256
2	A comparison between mouse and fish micronucleus test using cyclophosphamide, mitomycin C and various pesticides. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 518, 145-150.	1.7	162
3	Biomarkers as a tool to assess effects of chromium (VI): Comparison of responses in zebrafish early life stages and adults. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 338-345.	2.6	111
4	Variability in micronucleus induction with different mutagens applied to several species of fish. <i>Genetics and Molecular Biology</i> , 2000, 23, 235-239.	1.3	90
5	Micronuclei monitoring of fishes from Lake Paranoá, under influence of sewage treatment plant discharges. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 491, 39-44.	1.7	90
6	Impact of the glyphosate-based commercial herbicide, its components and its metabolite AMPA on non-target aquatic organisms. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 94-101.	1.7	77
7	Comparison between the micronucleus frequencies of kidney and gill erythrocytes in tilapia fish, following mitomycin C treatment. <i>Genetics and Molecular Biology</i> , 2002, 25, 281-284.	1.3	66
8	Ecotoxicological assessment of glyphosate-based herbicides: Effects on different organisms. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1755-1763.	4.3	63
9	Profile of micronucleus frequencies and DNA damage in different species of fish in a eutrophic tropical lake. <i>Genetics and Molecular Biology</i> , 2009, 32, 138-143.	1.3	62
10	Integrated assessment of toxic effects of maghemite ($\gamma\text{-Fe}_2\text{O}_3$) nanoparticles in zebrafish. <i>Aquatic Toxicology</i> , 2017, 191, 219-225.	4.0	56
11	Genotoxic and mutagenic assessment of iron oxide (maghemite- $\gamma\text{-Fe}_2\text{O}_3$) nanoparticle in the guppy <i>Poecilia reticulata</i> . <i>Chemosphere</i> , 2017, 183, 305-314.	8.2	55
12	Pequi fruit (<i>Caryocar brasiliense</i> Camb.) pulp oil reduces exercise-induced inflammatory markers and blood pressure of male and female runners. <i>Nutrition Research</i> , 2009, 29, 850-858.	2.9	52
13	Prolonged mosquitocidal activity of <i>Siparuna guianensis</i> essential oil encapsulated in chitosan nanoparticles. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007624.	3.0	50
14	Short-term exposure to low doses of rotenone induces developmental, biochemical, behavioral, and histological changes in fish. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13926-13938.	5.3	49
15	Humic acid attenuation of silver nanoparticle toxicity by ion complexation and the formation of a Ag_3^+ coating. <i>Journal of Hazardous Materials</i> , 2018, 353, 173-181.	12.4	49
16	Chronic effects of carbamazepine on zebrafish: Behavioral, reproductive and biochemical endpoints. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 297-304.	6.0	49
17	Evaluation of carbon nanotubes network toxicity in zebrafish (<i>danio rerio</i>) model. <i>Environmental Research</i> , 2014, 134, 9-16.	7.5	47
18	A comparative toxicologic and genotoxic study of the herbicide arsenal, its active ingredient imazapyr, and the surfactant nonylphenol ethoxylate. <i>Ecotoxicology and Environmental Safety</i> , 2004, 59, 123-126.	6.0	46

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19	Evaluation of genotoxicity and effects on reproduction of nonylphenol in <i>Oreochromis niloticus</i> (Pisces: cichlidae). <i>Ecotoxicology</i> , 2008, 17, 732-737.	2.4	44
20	Genotoxicity evaluation of domestic sewage in a municipal wastewater treatment plant. <i>Genetics and Molecular Biology</i> , 2005, 28, 334-338.	1.3	43
21	Oil rich in carotenoids instead of vitamins C and E as a better option to reduce doxorubicin-induced damage to normal cells of Ehrlich tumor-bearing mice: hematological, toxicological and histopathological evaluations. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1161-1176.	4.2	37
22	Evaluation of gene polymorphisms in exercise-induced oxidative stress and damage. <i>Free Radical Research</i> , 2010, 44, 322-331.	3.3	35
23	Acute toxic effects of ruthenium (II)/amino acid/diphosphine complexes on Swiss mice and zebrafish embryos. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1082-1092.	5.6	33
24	Effects of ashes from a Brazilian savanna wildfire on water, soil and biota: An ecotoxicological approach. <i>Science of the Total Environment</i> , 2018, 618, 101-111.	8.0	32
25	Short-term high-fat diet induces cognitive decline, aggression, and anxiety-like behavior in adult zebrafish. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110288.	4.8	32
26	<i>In vitro</i> cytotoxicity and <i>in vivo</i> zebrafish toxicity evaluation of Ru(SCN) ₂ -mercaptopyrimidine complexes. <i>Dalton Transactions</i> , 2019, 48, 6026-6039.	3.3	31
27	Exposure to low concentration of fluoxetine affects development, behaviour and acetylcholinesterase activity of zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 215, 1-8.	2.6	30
28	Genotoxic evaluation of different $\hat{\nu}$ -endotoxins from <i>Bacillus thuringiensis</i> on zebrafish adults and development in early life stages. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 672, 119-123.	1.7	29
29	Antigenotoxic activity and antioxidant properties of organic and aqueous extracts of pequi fruit (<i>Caryocar brasiliense</i> Camb.) pulp. <i>Genetics and Molecular Biology</i> , 2008, 31, 956-963.	1.3	27
30	Mutagenicity and Genotoxicity in Gill Erythrocyte Cells of <i>Poecilia reticulata</i> Exposed to a Glyphosate Formulation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 583-587.	2.7	26
31	Acute toxicity and cytotoxicity of <i>Bacillus thuringiensis</i> and <i>Bacillus sphaericus</i> strains on fish and mouse bone marrow. <i>Ecotoxicology</i> , 2009, 18, 22-26.	2.4	25
32	Trans-generation study of the effects of nonylphenol ethoxylate on the reproduction of the snail <i>Biomphalaria tenagophila</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 458-465.	6.0	24
33	The lipidome, genotoxicity, hematotoxicity and antioxidant properties of andiroba oil from the Brazilian Amazon. <i>Genetics and Molecular Biology</i> , 2016, 39, 248-256.	1.3	24
34	Chemopreventive effects of pequi oil (<i>Caryocar brasiliense</i> Camb.) on preneoplastic lesions in a mouse model of hepatocarcinogenesis. <i>European Journal of Cancer Prevention</i> , 2016, 25, 299-305.	1.3	22
35	Evaluation of advanced oxidative processes in biodiesel wastewater treatment. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 85-90.	3.9	22
36	Histopathological effects of [D-Leu1]Microcystin-LR variants on liver, skeletal muscle and intestinal tract of <i>Hypophthalmichthys molitrix</i> (Valenciennes, 1844). <i>Toxicol</i> , 2010, 55, 1255-1262.	1.6	21

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37	Gene polymorphisms against DNA damage induced by hydrogen peroxide in leukocytes of healthy humans through comet assay: a quasi-experimental study. <i>Environmental Health</i> , 2010, 9, 21.	4.0	20
38	Steroid androgen 17 β -methyltestosterone induces malformations and biochemical alterations in zebrafish embryos. <i>Environmental Toxicology and Pharmacology</i> , 2016, 44, 107-113.	4.0	20
39	Effects of γ -Fe ₂ O ₃ nanoparticles on the survival and reproduction of <i>Biomphalaria glabrata</i> (Say, 1818) and their elimination from this benthic aquatic snail. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18362-18368.	5.3	20
40	Why pesticides with mutagenic, carcinogenic and reproductive risks are registered in Brazil. <i>Developing World Bioethics</i> , 2019, 19, 148-154.	0.9	20
41	Dietary carotenoid-rich oil supplementation improves exercise-induced anisocytosis in runners: influences of haptoglobin, MnSOD (Val9Ala), CAT (21A/T) and GPX1 (Pro198Leu) gene polymorphisms in dilutional pseudoanemia ("sports anemia"). <i>Genetics and Molecular Biology</i> , 2010, 33, 359-367.	1.3	19
42	The pequi pulp oil (<i>Caryocar brasiliense</i> Camb.) provides protection against aging-related anemia, inflammation and oxidative stress in Swiss mice, especially in females. <i>Genetics and Molecular Biology</i> , 2018, 41, 858-869.	1.3	19
43	Exposure to ayahuasca induces developmental and behavioral alterations on early life stages of zebrafish. <i>Chemico-Biological Interactions</i> , 2018, 293, 133-140.	4.0	19
44	Exposure to dilute concentrations of bupropion affects zebrafish early life stages. <i>Chemosphere</i> , 2019, 222, 175-183.	8.2	19
45	Effects of AgNPs on the Snail <i>Biomphalaria glabrata</i> : Survival, Reproduction and Silver Accumulation. <i>Toxics</i> , 2019, 7, 12.	3.7	19
46	SrSnO ₃ /g-C ₃ N ₄ and sunlight: Photocatalytic activity and toxicity of degradation byproducts. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103633.	6.7	18
47	The effect of hydrogen peroxide-induced oxidative stress on leukocytes depends on age and physical training in healthy human subjects carrying the same genotypes of antioxidant enzymes' gene polymorphisms. <i>American Journal of Human Biology</i> , 2010, 22, 807-812.	1.6	17
48	Under Increased Hydrogen Peroxide conditions, the Antioxidant Effects of Pequi Oil (<i>Caryocar</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Stress-related Genetic Polymorphisms. <i>Free Radicals and Antioxidants</i> , 2011, 1, 27-39.	0.3	17
49	Loss of genetic integrity in artificially aged seed lots of rice (<i>Oryza sativa</i> L.) and common bean (<i>Phaseolus vulgaris</i> L.). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 846, 403080.	1.7	16
50	Impact of humic acid on the persistence, biological fate and toxicity of silver nanoparticles: A study in adult zebrafish. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 12, 100234.	2.9	16
51	Genetic polymorphisms influence runners'™ responses to the dietary ingestion of antioxidant supplementation based on pequi oil (<i>Caryocar brasiliense</i> Camb.): a before-after study. <i>Genes and Nutrition</i> , 2011, 6, 369-395.	2.5	15
52	Evaluation of mutagenic effect of the antihypertensive drug methyl dopa (Aldomet) on mammalian systems in vivo and in vitro and on <i>Allium cepa</i> . <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1991, 259, 127-132.	1.2	13
53	FISH in micronucleus test demonstrates aneugenic action of rotenone in a common freshwater fish species, Nile tilapia (<i>Oreochromis niloticus</i>). <i>Mutagenesis</i> , 2014, 29, 215-219.	2.6	13
54	Fluoxetine chronic exposure affects growth, behavior and tissue structure of zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108836.	2.6	13

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55	Evaluation of Acute Toxicity, Cytotoxicity and Genotoxicity of a Nickel Mining Waste to <i>Oreochromis niloticus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 467-471.	2.7	12
56	Association between interleukin 6 -174 G/C promoter gene polymorphism and runners' responses to the dietary ingestion of antioxidant supplementation based on pequi (<i>Caryocar brasiliense</i> Camb.) oil: a before-after study. <i>Genetics and Molecular Biology</i> , 2016, 39, 554-566.	1.3	12
57	Lethal and Sub-lethal Effects of Nitrofurantoin on Zebrafish Early-Life Stages. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	12
58	Auramine dyes induce toxic effects to aquatic organisms from different trophic levels: an application of predicted non-effect concentration (PNEC). <i>Environmental Science and Pollution Research</i> , 2021, 28, 1866-1877.	5.3	12
59	Electrochemical remediation of amoxicillin: detoxification and reduction of antimicrobial activity. <i>Chemico-Biological Interactions</i> , 2018, 291, 162-170.	4.0	11
60	Toxicological study of the degradation products of antineoplastic agent etoposide in commercial formulation treated by heterogeneous photocatalysis using SrSnO ₃ . <i>Environmental Science and Pollution Research</i> , 2019, 26, 4224-4233.	5.3	11
61	Evaluation of Cytotoxicity, Genotoxicity and Hematotoxicity of the Recombinant Spore-Crystal Complexes Cry1Ia, Cry10Aa and Cry1Ba6 from <i>Bacillus thuringiensis</i> in Swiss Mice. <i>Toxins</i> , 2014, 6, 2872-2885.	3.4	10
62	Steroid androgen 17 alpha methyltestosterone used in fish farming induces biochemical alterations in zebrafish adults. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1321-1332.	1.7	9
63	Haptoglobin and myeloperoxidase (hG463A) gene polymorphisms in Brazilian sickle cell patients with and without secondary iron overload. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 52, 95-107.	1.4	8
64	Evaluation of the Genotoxic and Antigenotoxic Effects of Andiroba (<i>Carapa guianensis</i> Aublet) Oil and Nanoemulsion on Swiss Mice. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.	2.7	8
65	Toxicological findings about an anticancer fraction with casearins described by traditional and alternative techniques as support to the Brazilian Unified Health System (SUS). <i>Journal of Ethnopharmacology</i> , 2019, 241, 112004.	4.1	8
66	Exposure to tricyclic antidepressant nortriptyline affects early-life stages of zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111868.	6.0	8
67	Comet and cytogenetic tests as tools for evaluating genomic instability in seeds of <i>Oryza sativa</i> L. and <i>Phaseolus vulgaris</i> L. from gene banks. <i>Genetics and Molecular Biology</i> , 2018, 41, 145-153.	1.3	7
68	Degradation evaluation and toxicity profile of bilobol, a promising eco-friendly larvicide. <i>Chemosphere</i> , 2021, 263, 128323.	8.2	7
69	Evaluation of genotoxic and cytotoxic potential of thiola (N-2-mercaptopropionylglycine), a medicine used in the treatment of humans contaminated with mercury. <i>Environmental and Molecular Mutagenesis</i> , 2002, 39, 18-21.	2.2	6
70	Andiroba oil and nanoemulsion (<i>Carapa guianensis</i> Aublet) reduce lesion severity caused by the antineoplastic agent doxorubicin in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111505.	5.6	6
71	Carbon nitride nanosheets magnetically decorated with Fe ₃ O ₄ nanoparticles by homogeneous precipitation: Adsorption-photocatalytic performance and acute toxicity assessment. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100549.	2.9	6
72	ECOGENOTOXICOLOGIA DOS AGROTÓXICOS: AVALIAÇÃO COMPARATIVA ENTRE ECOSISTEMA AGRÍCOLA E ÁREA DE PROTEÇÃO AMBIENTAL. <i>Pesticidas: Revista De Ecotoxicologia E Meio Ambiente</i> , 2005, 15, .	0.1	4

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73	A Study of How Experts and Non-Experts Make Decisions on Releasing Genetically Modified Plants. <i>Journal of Agricultural and Environmental Ethics</i> , 2012, 25, 675-685.	1.7	3
74	Creatine kinase MM TaqI and methylenetetrahydrofolate reductase C677T and A1298C gene polymorphisms influence exercise-induced C-reactive protein levels. <i>European Journal of Applied Physiology</i> , 2012, 112, 183-192.	2.5	3
75	Bioavailability Assessment of Metals from a Nickel Mining Residue in the Gastrointestinal Tract of <i>Oreochromis niloticus</i> In Vivo. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 533-538.	2.7	3
76	Hematotoxicity and genotoxicity evaluations in <i>Swiss</i> mice intraperitoneally exposed to <i>Bacillus thuringiensis</i> (<i>var kurstaki</i>) spore crystals genetically modified to express individually <i>Cry1Aa</i> , <i>Cry1Ab</i> , <i>Cry1Ac</i> , or <i>Cry2Aa</i> . <i>Environmental Toxicology</i> , 2016, 31, 970-978.	4.0	3
77	Toxicological Evaluation of a Potential Immunosenesizer for Use as a Mucosal Adjuvant "Bacillus thuringiensis Cry1Ac Spore-Crystals: A Possible Inverse Agonist that Deserves Further Investigation. <i>Toxins</i> , 2015, 7, 5348-5358.	3.4	2
78	Evaluation of the embryotoxicity in zebrafish (<i>Danio rerio</i>) of the flocculant and coagulant compounds used for water remediation. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	2
79	Genes, genome and Gestalt. <i>Genetics and Molecular Research</i> , 2005, 4, 100-4.	0.2	2
80	Cytogenetic studies in <i>Hasemanian crenuchoides</i> (Characiformes: Characidae) and molecular investigations into kinship relationships of the genus. <i>Caryologia</i> , 2018, 71, 446-452.	0.3	1
81	Analysis of the genetic integrity of rice (<i>Oryza sativa</i> L.) and bean (<i>Phaseolus vulgaris</i> L.) accessions stored in gene banks. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 1999-2007.	1.6	1
82	In the screening of alternative insecticides to control <i>Aedes aegypti</i> larvae 2-methylanthraquinone showed no genotoxicity and low toxicity to zebrafish (<i>Danio rerio</i>). <i>Genetics and Molecular Biology</i> , 2022, 45, e20210307.	1.3	1