

Silvia R Batistuzzo De Medeiros

List of Publications by Year in descending order

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72
papers

2,404
citations

236612

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74
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74
docs citations

74
times ranked

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#	ARTICLE	IF	CITATIONS
1	Swine and Poultry Pathogens: the Complete Genome Sequences of Two Strains of <i>Mycoplasma hyopneumoniae</i> and a Strain of <i>Mycoplasma synoviae</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5568-5577.	1.0	289
2	The complete genome sequence of <i>Chromobacterium violaceum</i> reveals remarkable and exploitable bacterial adaptability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11660-11665.	3.3	251
3	BC nanofibres: In vitro study of genotoxicity and cell proliferation. <i>Toxicology Letters</i> , 2009, 189, 235-241.	0.4	123
4	Cell death pathways of particulate matter toxicity. <i>Chemosphere</i> , 2017, 188, 32-48.	4.2	121
5	Genotoxicity assessment in aquatic environment impacted by the presence of heavy metals. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 320-325.	2.9	116
6	Biomass burning in the Amazon region: Aerosol source apportionment and associated health risk assessment. <i>Atmospheric Environment</i> , 2015, 120, 277-285.	1.9	84
7	Profiling the resting venom gland of the scorpion <i>Tityus stigmurus</i> through a transcriptomic survey. <i>BMC Genomics</i> , 2012, 13, 362.	1.2	74
8	Biomass burning particles in the Brazilian Amazon region: Mutagenic effects of nitro and oxy-PAHs and assessment of health risks. <i>Environmental Pollution</i> , 2018, 233, 960-970.	3.7	72
9	Evaluation of the mutagenic potential of yangambin and of the hydroalcoholic extract of <i>Ocotea duckei</i> by the Ames test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 536, 117-120.	0.9	65
10	Functional Interactions between the Estrogen Receptor and the Transcription Activator Sp1 Regulate the Estrogen-dependent Transcriptional Activity of the Vitellogenin A1 <i>io</i> Promoter. <i>Journal of Biological Chemistry</i> , 1997, 272, 18250-18260.	1.6	64
11	Biomass burning in the Amazon region causes DNA damage and cell death in human lung cells. <i>Scientific Reports</i> , 2017, 7, 10937.	1.6	62
12	Evaluation of mutagenic activity in an extract of pepper tree stem bark (<i>Schinus terebinthifolius</i>) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	0.9	57
13	Cytotoxic and genotoxic potential of surface water from the Pitimbu river, northeastern/RN Brazil. <i>Genetics and Molecular Biology</i> , 2007, 30, 435-441.	0.6	54
14	DNA repair in reduced genome: The <i>Mycoplasma</i> model. <i>Gene</i> , 2005, 360, 111-119.	1.0	49
15	Micronucleus frequency in children exposed to biomass burning in the Brazilian Legal Amazon region: a control case study. <i>BMC Oral Health</i> , 2012, 12, 6.	0.8	45
16	Genotoxicity and composition of particulate matter from biomass burning in the eastern Brazilian Amazon region. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1427-1433.	2.9	44
17	Genotoxicity Evaluation of <i>Moringa oleifera</i> Seed Extract and Lectin. <i>Journal of Food Science</i> , 2011, 76, T53-8.	1.5	42
18	Genetic damage of organic matter in the Brazilian Amazon: A comparative study between intense and moderate biomass burning. <i>Environmental Research</i> , 2014, 130, 51-58.	3.7	42

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19	A look beyond the priority: A systematic review of the genotoxic, mutagenic, and carcinogenic endpoints of non-priority PAHs. <i>Environmental Pollution</i> , 2021, 278, 116838.	3.7	42
20	Violacein induces cell death by triggering mitochondrial membrane hyperpolarization in vitro. <i>BMC Microbiology</i> , 2015, 15, 115.	1.3	37
21	Evaluating the possible genotoxic, mutagenic and tumor cell proliferation inhibition effects of a non-anticoagulant, but antithrombotic algal heterofucan. <i>Journal of Applied Toxicology</i> , 2010, 30, 708-715.	1.4	35
22	Effect of titanium surface modified by plasma energy source on genotoxic response in vitro. <i>Toxicology</i> , 2009, 262, 138-145.	2.0	34
23	Microsomal Triglyceride Transfer Protein Promotes the Secretion of <i>Xenopus laevis</i> Vitellogenin A1. <i>Journal of Biological Chemistry</i> , 2005, 280, 13902-13905.	1.6	32
24	Genotoxic analysis in aquatic environment under influence of cyanobacteria, metal and radioactivity. <i>Chemosphere</i> , 2010, 81, 773-780.	4.2	28
25	Genotoxicity and osteogenic potential of sulfated polysaccharides from <i>Caulerpa prolifera</i> seaweed. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 565-571.	3.6	27
26	Identification of new genes associated to senescent and tumorigenic phenotypes in mesenchymal stem cells. <i>Scientific Reports</i> , 2017, 7, 17837.	1.6	26
27	Cytokinesis-Block Micronucleus Assay Adapted for Analyzing Genomic Instability of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 823-838.	1.1	24
28	Characterization of the particulate matter and relationship between buccal micronucleus and urinary 1-hydroxypyrene levels among cashew nut roasting workers. <i>Environmental Pollution</i> , 2017, 220, 659-671.	3.7	24
29	Cashew nut roasting: Chemical characterization of particulate matter and genotoxicity analysis. <i>Environmental Research</i> , 2014, 131, 145-152.	3.7	21
30	High-risk human papillomavirus (HPV) is not associated with p53 and bcl-2 expression in oral squamous cell carcinomas. <i>Auris Nasus Larynx</i> , 2009, 36, 450-456.	0.5	20
31	Chromosomal characterization of cryopreserved mesenchymal stem cells from the human subendothelium umbilical cord vein. <i>Regenerative Medicine</i> , 2012, 7, 147-157.	0.8	20
32	Laser-modified titanium surfaces enhance the osteogenic differentiation of human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 269.	2.4	18
33	Genotoxicity and DNA damage signaling in response to complex mixtures of PAHs in biomass burning particulate matter from cashew nut roasting. <i>Environmental Pollution</i> , 2020, 256, 113381.	3.7	18
34	Base excision repair pathway is involved in the repair of lesions generated by flavonoid-enriched fractions of pepper tree (<i>Schinus terebinthifolius</i> , Raddi) stem bark. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 672-681.	0.9	17
35	Oxidative stress, mutagenic effects, and cell death induced by retene. <i>Chemosphere</i> , 2019, 231, 518-527.	4.2	17
36	Effectiveness of <i>Croton cajucara</i> Benth on corrosion inhibition of carbon steel in saline medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 530-534.	0.8	15

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37	Surface modification by argon plasma treatment improves antioxidant defense ability of CHO-k1 cells on titanium surfaces. <i>Toxicology in Vitro</i> , 2014, 28, 381-387.	1.1	15
38	Water mutagenic potential assessment on a semiarid aquatic ecosystem under influence of heavy metals and natural radioactivity using micronuclei test. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7572-7581.	2.7	15
39	Direct Reprogramming of Adult Human Somatic Stem Cells Into Functional Neurons Using Sox2, Ascl1, and Neurog2. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 155.	1.8	15
40	Genotoxicity Induced by <i>Eugenia Caryophyllata</i> Infusion. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 439-444.	1.1	14
41	Determining the genotoxicity of an aqueous infusion of <i>Bauhinia monandra</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2008, 18, 509-516.	0.6	14
42	Lifecourse Adversity and Telomere Length in Older Women from Northeast Brazil. <i>Rejuvenation Research</i> , 2018, 21, 294-303.	0.9	14
43	Human papillomavirus in oral squamous cells carcinoma in a population of 75 Brazilian patients. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2007, 28, 397-400.	0.6	13
44	Evaluation of genotoxic and antioxidant activity of an <i>Aesculus hippocastanum</i> L. (Sapindaceae) phytotherapeutic agent. <i>Biomedicine and Preventive Nutrition</i> , 2013, 3, 261-266.	0.9	13
45	Mutagenic potential assessment associated with human exposure to natural radioactivity. <i>Chemosphere</i> , 2017, 167, 36-43.	4.2	12
46	Buccal micronucleus cytome assay: Inter-laboratory scoring exercise and micronucleus and nuclear abnormalities frequencies in different populations from Brazil. <i>Toxicology Letters</i> , 2020, 333, 242-250.	0.4	12
47	A characterization of a MutM/Fpg ortholog in sugarcane – A monocot plant. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 1054-1060.	1.0	11
48	Evaluation of the genotoxic potential of <i>Bauhinia monandra</i> leaf lectin (BmoLL). <i>Food and Chemical Toxicology</i> , 2009, 47, 303-308.	1.8	11
49	Genotoxic potential generated by biomass burning in the Brazilian Legal Amazon by <i>Tradescantia</i> micronucleus bioassay: a toxicity assessment study. <i>Environmental Health</i> , 2011, 10, 41.	1.7	11
50	Association of the XPD and XRCC3 gene polymorphisms with oral squamous cell carcinoma in a Northeastern Brazilian population: A pilot study. <i>Archives of Oral Biology</i> , 2016, 64, 19-23.	0.8	11
51	Genotoxicity of root canal sealers: a literature review. <i>Clinical Oral Investigations</i> , 2020, 24, 3347-3362.	1.4	9
52	Genotoxicity induced by saponified coconut oil surfactant in prokaryote systems. <i>Mutagenesis</i> , 2004, 19, 441-444.	1.0	8
53	Evaluation of the relationship of the molecular aggregation state of amphotericin B in medium to its genotoxic potential**This article was presented in part at the Pharmaceutical Congress of the Americas, Orlando, FL, 2001.. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 1557-1565.	1.6	8
54	Micronucleus study of the quality and mutagenicity of surface water from a semi-arid region. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3329.	2.1	8

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55	The influence of iron on the proteomic profile of <i>Chromobacterium violaceum</i> . <i>BMC Microbiology</i> , 2014, 14, 267.	1.3	7
56	Sulfated polysaccharides from green seaweed <i>Caulerpa prolifera</i> suppress fat accumulation. <i>Journal of Applied Phycology</i> , 2020, 32, 4299-4307.	1.5	7
57	Use of native species <i>Crenicichla menezesi</i> (Ariidae) as a model for in situ evaluation of genotoxicity in surface water. <i>Science of the Total Environment</i> , 2010, 408, 6042-6046.	3.9	6
58	MC3T3-E1 Cells Behavior on Surfaces Bombarded by Argon Ions in Planar Cathode Discharge. <i>Artificial Organs</i> , 2016, 40, 497-504.	1.0	6
59	Identification of Two Steroid-Responsive Promoters of Different Strength Controlled by the Same Estrogen-Responsive Element in the 5' End Region of the <i>Xenopus laevis</i> Vitellogenin Gene A1. <i>Molecular Endocrinology</i> , 1989, 3, 1596-1609.	3.7	5
60	Identification, characterisation and molecular modelling of two AP endonucleases from base excision repair pathway in sugarcane provide insights on the early evolution of green plants. <i>Plant Biology</i> , 2014, 16, 622-631.	1.8	5
61	GeLC-MS-based proteomics of <i>Chromobacterium violaceum</i> : comparison of proteome changes elicited by hydrogen peroxide. <i>Scientific Reports</i> , 2016, 6, 28174.	1.6	5
62	Influence of natural radon and metal contamination on surface water quality from a Brazilian Semiarid Region. <i>Acta Scientiarum - Biological Sciences</i> , 2017, 39, 275.	0.3	5
63	Polymorphisms of matrix metalloproteinase-7 and -9 are associated with oral tongue squamous cell carcinoma. <i>Brazilian Oral Research</i> , 2020, 35, e019.	0.6	5
64	Base excision repair in sugarcane. <i>Genetics and Molecular Biology</i> , 2001, 24, 123-129.	0.6	5
65	Behavioral genetics of alcohol's effects in three zebrafish (<i>Danio rerio</i>) populations. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110495.	2.5	5
66	Genetic evaluation of mesenchymal stem cells. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014, 36, 238-240.	0.7	4
67	Leukocyte Telomere Length and Chronic Conditions in Older Women of Northeast Brazil: A Cross-Sectional Study. <i>Cells</i> , 2018, 7, 193.	1.8	4
68	Genotoxicity and behavioral alterations induced by retene in adult zebrafish. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106518.	3.3	4
69	DNA repair in <i>Chromobacterium violaceum</i> . <i>Genetics and Molecular Research</i> , 2004, 3, 167-80.	0.3	3
70	Nutraceutical preconditioning with arginine and oil mixes. Effects on inflammatory mediators, oxidative stress and lipid profile in patients undergoing radical prostatectomy. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 538-543.	0.3	2
71	Identification and DNA annotation of a plasmid isolated from <i>Chromobacterium violaceum</i> . <i>Scientific Reports</i> , 2018, 8, 5327.	1.6	2
72	Mutational spectra induced by flavonoid extracts from pepper tree (<i>Schinus Tj</i> ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (terel	0.9	0