

Silvia R Batistuzzo De Medeiros

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72
papers

1,853
citations

23
h-index

41
g-index

74
ext. papers

2,109
ext. citations

4.8
avg, IF

4.72
L-index

#	Paper	IF	Citations
72	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, 5568-77	3.5	235
71	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, 11660-5	11.5	216
70	BC nanofibres: in vitro study of genotoxicity and cell proliferation. <i>Toxicology Letters</i> , 2009 , 189, 235-41	4.4	104
69	Genotoxicity assessment in aquatic environment impacted by the presence of heavy metals. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 320-5	7	86
68	Cell death pathways of particulate matter toxicity. <i>Chemosphere</i> , 2017 , 188, 32-48	8.4	82
67	Biomass burning in the Amazon region: Aerosol source apportionment and associated health risk assessment. <i>Atmospheric Environment</i> , 2015 , 120, 277-285	5.3	64
66	Profiling the resting venom gland of the scorpion <i>Tityus stigmurus</i> through a transcriptomic survey. <i>BMC Genomics</i> , 2012 , 13, 362	4.5	64
65	Functional interactions between the estrogen receptor and the transcription activator Sp1 regulate the estrogen-dependent transcriptional activity of the vitellogenin A1 promoter. <i>Journal of Biological Chemistry</i> , 1997 , 272, 18250-60	5.4	58
64	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, 117-20	3	52
63	Evaluation of mutagenic activity in an extract of pepper tree stem bark (<i>Schinus terebinthifolius</i> Raddi). <i>Environmental and Molecular Mutagenesis</i> , 2003 , 42, 185-91	3.2	51
62	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	9.3	49
61	Biomass burning in the Amazon region causes DNA damage and cell death in human lung cells. <i>Scientific Reports</i> , 2017 , 7, 10937	4.9	42
60	DNA repair in reduced genome: the <i>Mycoplasma</i> model. <i>Gene</i> , 2005 , 360, 111-9	3.8	42
59	Cytotoxic and genotoxic potential of surface water from the Pitimbu river, northeastern/RN Brazil. <i>Genetics and Molecular Biology</i> , 2007 , 30, 435-441	2	40
58	Genotoxicity and composition of particulate matter from biomass burning in the eastern Brazilian Amazon region. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1427-33	7	38
57	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	3.7	35
56	Genetic damage of organic matter in the Brazilian Amazon: a comparative study between intense and moderate biomass burning. <i>Environmental Research</i> , 2014 , 130, 51-8	7.9	34

55	Microsomal triglyceride transfer protein promotes the secretion of <i>Xenopus laevis</i> vitellogenin A1. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13902-5	5.4	29
54	Violacein induces cell death by triggering mitochondrial membrane hyperpolarization in vitro. <i>BMC Microbiology</i> , 2015 , 15, 115	4.5	28
53	Effect of titanium surface modified by plasma energy source on genotoxic response in vitro. <i>Toxicology</i> , 2009 , 262, 138-45	4.4	28
52	Genotoxicity evaluation of <i>Moringa oleifera</i> seed extract and lectin. <i>Journal of Food Science</i> , 2011 , 76, T53-8	3.4	27
51	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, 708-15 ^{4.1}	4.1	26
50	Genotoxic analysis in aquatic environment under influence of cyanobacteria, metal and radioactivity. <i>Chemosphere</i> , 2010 , 81, 773-80	8.4	23
49	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	9.3	19
48	Cashew nut roasting: chemical characterization of particulate matter and genotoxicity analysis. <i>Environmental Research</i> , 2014 , 131, 145-52	7.9	19
47	Genotoxicity and osteogenic potential of sulfated polysaccharides from <i>Caulerpa prolifera</i> seaweed. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 565-571	7.9	17
46	Cytokinesis-block micronucleus assay adapted for analyzing genomic instability of human mesenchymal stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 823-38	4.4	17
45	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, 450-6	2.2	16
44	Laser-modified titanium surfaces enhance the osteogenic differentiation of human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 269	8.3	15
43	Chromosomal characterization of cryopreserved mesenchymal stem cells from the human subendothelium umbilical cord vein. <i>Regenerative Medicine</i> , 2012 , 7, 147-57	2.5	15
42	Identification of new genes associated to senescent and tumorigenic phenotypes in mesenchymal stem cells. <i>Scientific Reports</i> , 2017 , 7, 17837	4.9	14
41	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, 672-81	3.2	14
40	Lifecourse Adversity and Telomere Length in Older Women from Northeast Brazil. <i>Rejuvenation Research</i> , 2018 , 21, 294-303	2.6	13
39	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	9.3	13
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, 7572-81	5.1	12

37	Direct Reprogramming of Adult Human Somatic Stem Cells Into Functional Neurons Using , and. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 155	6.1	12
36	Surface modification by argon plasma treatment improves antioxidant defense ability of CHO-k1 cells on titanium surfaces. <i>Toxicology in Vitro</i> , 2014 , 28, 381-7	3.6	12
35	Effectiveness of Croton cajucara Benth on corrosion inhibition of carbon steel in saline medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013 , 64, 530-534	1.6	12
34	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	2.8	12
33	Oxidative stress, mutagenic effects, and cell death induced by retene. <i>Chemosphere</i> , 2019 , 231, 518-527	8.4	11
32	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		11
31	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	9.3	11
30	Mutagenic potential assessment associated with human exposure to natural radioactivity. <i>Chemosphere</i> , 2017 , 167, 36-43	8.4	10
29	Genotoxicity induced by <i>Eugenia caryophyllata</i> infusion. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 439-44	3.2	10
28	Determining the genotoxicity of an aqueous infusion of <i>Bauhinia monandra</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2008 , 18, 509-516	2	10
27	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	2.8	9
26	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	6	9
25	Evaluation of the genotoxic potential of <i>Bauhinia monandra</i> leaf lectin (BmoLL). <i>Food and Chemical Toxicology</i> , 2009 , 47, 303-8	4.7	9
24	Evaluation of the relationship of the molecular aggregation state of amphotericin B in medium to its genotoxic potential. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 1557-65	3.9	7
23	The influence of iron on the proteomic profile of <i>Chromobacterium violaceum</i> . <i>BMC Microbiology</i> , 2014 , 14, 267	4.5	6
22	Micronucleus study of the quality and mutagenicity of surface water from a semi-arid region. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 3329-35		6
21	A characterization of a MutM/Fpg ortholog in sugarcane--A monocot plant. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 1054-60	3.4	6
20	Genotoxicity induced by saponified coconut oil surfactant in prokaryote systems. <i>Mutagenesis</i> , 2004 , 19, 441-4	2.8	6

19	MC3T3-E1 Cells Behavior on Surfaces Bombarded by Argon Ions in Planar Cathode Discharge. <i>Artificial Organs</i> , 2016 , 40, 497-504	2.6	6
18	GeLC-MS-based proteomics of <i>Chromobacterium violaceum</i> : comparison of proteome changes elicited by hydrogen peroxide. <i>Scientific Reports</i> , 2016 , 6, 28174	4.9	4
17	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, 6042-6	10.2	4
16	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, 1596-609		4
15	Genetic evaluation of mesenchymal stem cells. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014 , 36, 238-40		3
14	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, 622-31	3.7	3
13	Base excision repair in sugarcane. <i>Genetics and Molecular Biology</i> , 2001 , 24, 123-129	2	3
12	Polymorphisms of matrix metalloproteinase-7 and -9 are associated with oral tongue squamous cell carcinoma. <i>Brazilian Oral Research</i> , 2020 , 35, e019	2.6	3
11	DNA repair in <i>Chromobacterium violaceum</i> . <i>Genetics and Molecular Research</i> , 2004 , 3, 167-80	1.2	3
10	Identification and DNA annotation of a plasmid isolated from <i>Chromobacterium violaceum</i> . <i>Scientific Reports</i> , 2018 , 8, 5327	4.9	2
9	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	2
8	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, 538-43	1.6	2
7	Behavioral genetics of alcohol effects in three zebrafish (<i>Danio rerio</i>) populations.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 114, 110495	5.5	2
6	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	4.4	2
5	Leukocyte Telomere Length and Chronic Conditions in Older Women of Northeast Brazil: A Cross-Sectional Study. <i>Cells</i> , 2018 , 7,	7.9	2
4	Sulfated polysaccharides from green seaweed <i>Caulerpa prolifera</i> suppress fat accumulation. <i>Journal of Applied Phycology</i> , 2020 , 32, 4299-4307	3.2	1
3	Genotoxicity of root canal sealers: a literature review. <i>Clinical Oral Investigations</i> , 2020 , 24, 3347-3362	4.2	1
2	Genotoxicity and behavioral alterations induced by retene in adult zebrafish. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106518	6.8	

- 1 Mutational spectra induced by flavonoid extracts from pepper tree (*Schinus terebinthifolius*, Raddi) stem bark. *Environmental and Molecular Mutagenesis*, **2021**, 62, 29-38 3.2