Silvia R Batistuzzo De Medeiros

List of Publications by Year in Descending Order

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	Behavioral genetics of alcohol effects in three zebrafish (Danio rerio) populations.. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2022**, 114, 110495	5.5	2
71	Genotoxicity and behavioral alterations induced by retene in adult zebrafish. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106518	6.8	
70	A look beyond the priority: A systematic review of the genotoxic, mutagenic, and carcinogenic endpoints of non-priority PAHs. *Environmental Pollution*, **2021**, 278, 116838	9.3	11
69	Mutational spectra induced by flavonoid extracts from pepper tree (Schinus terebinthifolius, Raddi) stem bark. *Environmental and Molecular Mutagenesis*, **2021**, 62, 29-38	3.2	
68	Buccal micronucleus cytome assay: Inter-laboratory scoring exercise and micronucleus and nuclear abnormalities frequencies in different populations from Brazil. *Toxicology Letters*, **2020**, 333, 242-250	4.4	2
67	Sulfated polysaccharides from green seaweed Caulerpa prolifera suppress fat accumulation. *Journal of Applied Phycology*, **2020**, 32, 4299-4307	3.2	1
66	Genotoxicity of root canal sealers: a literature review. *Clinical Oral Investigations*, **2020**, 24, 3347-3362	4.2	1
65	Genotoxicity and DNA damage signaling in response to complex mixtures of PAHs in biomass burning particulate matter from cashew nut roasting. *Environmental Pollution*, **2020**, 256, 113381	9.3	13
64	Polymorphisms of matrix metalloproteinase-7 and -9 are associated with oral tongue squamous cell carcinoma. *Brazilian Oral Research*, **2020**, 35, e019	2.6	3
63	Oxidative stress, mutagenic effects, and cell death induced by retene. *Chemosphere*, **2019**, 231, 518-527	8.4	11
62	Identification and DNA annotation of a plasmid isolated from Chromobacterium violaceum. *Scientific Reports*, **2018**, 8, 5327	4.9	2
61	Genotoxicity and osteogenic potential of sulfated polysaccharides from Caulerpa prolifera seaweed. *International Journal of Biological Macromolecules*, **2018**, 114, 565-571	7.9	17
60	Lifecourse Adversity and Telomere Length in Older Women from Northeast Brazil. *Rejuvenation Research*, **2018**, 21, 294-303	2.6	13
59	Biomass burning particles in the Brazilian Amazon region: Mutagenic effects of nitro and oxy-PAHs and assessment of health risks. *Environmental Pollution*, **2018**, 233, 960-970	9.3	49
58	Direct Reprogramming of Adult Human Somatic Stem Cells Into Functional Neurons Using , and. *Frontiers in Cellular Neuroscience*, **2018**, 12, 155	6.1	12
57	Leukocyte Telomere Length and Chronic Conditions in Older Women of Northeast Brazil: A Cross-Sectional Study. *Cells*, **2018**, 7,	7.9	2
56	Characterization of the particulate matter and relationship between buccal micronucleus and urinary 1-hydroxypyrene levels among cashew nut roasting workers. *Environmental Pollution*, **2017**, 220, 659-671	9.3	19

55	Laser-modified titanium surfaces enhance the osteogenic differentiation of human mesenchymal stem cells. *Stem Cell Research and Therapy*, **2017**, 8, 269	8.3	15
54	Cell death pathways of particulate matter toxicity. *Chemosphere*, **2017**, 188, 32-48	8.4	82
53	Biomass burning in the Amazon region causes DNA damage and cell death in human lung cells. *Scientific Reports*, **2017**, 7, 10937	4.9	42
52	Mutagenic potential assessment associated with human exposure to natural radioactivity. *Chemosphere*, **2017**, 167, 36-43	8.4	10
51	Identification of new genes associated to senescent and tumorigenic phenotypes in mesenchymal stem cells. *Scientific Reports*, **2017**, 7, 17837	4.9	14
50	Influence of natural radon and metal contamination on surface water quality from a Brazilian Semiarid Region. *Acta Scientiarum - Biological Sciences*, **2017**, 39, 275	0.3	2
49	GeLC-MS-based proteomics of Chromobacterium violaceum: comparison of proteome changes elicited by hydrogen peroxide. *Scientific Reports*, **2016**, 6, 28174	4.9	4
48	Water mutagenic potential assessment on a semiarid aquatic ecosystem under influence of heavy metals and natural radioactivity using micronuclei test. *Environmental Science and Pollution Research*, **2016**, 23, 7572-81	5.1	12
47	Association of the XPD and XRCC3 gene polymorphisms with oral squamous cell carcinoma in a Northeastern Brazilian population: A pilot study. *Archives of Oral Biology*, **2016**, 64, 19-23	2.8	9
46	MC3T3-E1 Cells Behavior on Surfaces Bombarded by Argon Ions in Planar Cathode Discharge. *Artificial Organs*, **2016**, 40, 497-504	2.6	6
45	Violacein induces cell death by triggering mitochondrial membrane hyperpolarization in vitro. *BMC Microbiology*, **2015**, 15, 115	4.5	28
44	Biomass burning in the Amazon region: Aerosol source apportionment and associated health risk assessment. *Atmospheric Environment*, **2015**, 120, 277-285	5.3	64
43	Surface modification by argon plasma treatment improves antioxidant defense ability of CHO-k1 cells on titanium surfaces. *Toxicology in Vitro*, **2014**, 28, 381-7	3.6	12
42	Genetic damage of organic matter in the Brazilian Amazon: a comparative study between intense and moderate biomass burning. *Environmental Research*, **2014**, 130, 51-8	7.9	34
41	Genetic evaluation of mesenchymal stem cells. *Revista Brasileira De Hematologia E Hemoterapia*, **2014**, 36, 238-40		3
40	The influence of iron on the proteomic profile of Chromobacterium violaceum. *BMC Microbiology*, **2014**, 14, 267	4.5	6
39	Nutraceutical preconditioning with arginine and oil mixes. Effects on inflammatory mediators, oxidative stress and lipid profile in patients undergoing radical prostatectomy. *Acta Cirurgica Brasileira*, **2014**, 29, 538-43	1.6	2
38	Cytokinesis-block micronucleus assay adapted for analyzing genomic instability of human mesenchymal stem cells. *Stem Cells and Development*, **2014**, 23, 823-38	4.4	17

37	Cashew nut roasting: chemical characterization of particulate matter and genotocixity analysis. *Environmental Research*, **2014**, 131, 145-52	7.9	19
36	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. *Plant Biology*, **2014**, 16, 622-31	3.7	3
35	Effectiveness of Croton cajucara Benth on corrosion inhibition of carbon steel in saline medium. *Materials and Corrosion - Werkstoffe Und Korrosion*, **2013**, 64, 530-534	1.6	12
34	Evaluation of genotoxic and antioxidant activity of an Aesculus hippocastanum L. (Sapindaceae) phytotherapeutic agent. *Biomedicine and Preventive Nutrition*, **2013**, 3, 261-266		11
33	Micronucleus frequency in children exposed to biomass burning in the Brazilian Legal Amazon region: a control case study. *BMC Oral Health*, **2012**, 12, 6	3.7	35
32	Profiling the resting venom gland of the scorpion Tityus stigmurus through a transcriptomic survey. *BMC Genomics*, **2012**, 13, 362	4.5	64
31	Chromosomal characterization of cryopreserved mesenchymal stem cells from the human subendothelium umbilical cord vein. *Regenerative Medicine*, **2012**, 7, 147-57	2.5	15
30	Genotoxicity and composition of particulate matter from biomass burning in the eastern Brazilian Amazon region. *Ecotoxicology and Environmental Safety*, **2011**, 74, 1427-33	7	38
29	Genotoxicity evaluation of Moringa oleifera seed extract and lectin. *Journal of Food Science*, **2011**, 76, T53-8	3.4	27
28	Genotoxic potential generated by biomass burning in the Brazilian Legal Amazon by Tradescantia micronucleus bioassay: a toxicity assessment study. *Environmental Health*, **2011**, 10, 41	6	9
27	Micronucleus study of the quality and mutagenicity of surface water from a semi-arid region. *Journal of Environmental Monitoring*, **2011**, 13, 3329-35		6
26	Genotoxicity assessment in aquatic environment impacted by the presence of heavy metals. *Ecotoxicology and Environmental Safety*, **2010**, 73, 320-5	7	86
25	Use of native species Crenicichla menezesi (Ariidae) as a model for in situ evaluation of genotoxicity in surface water. *Science of the Total Environment*, **2010**, 408, 6042-6	10.2	4
24	Genotoxic analysis in aquatic environment under influence of cyanobacteria, metal and radioactivity. *Chemosphere*, **2010**, 81, 773-80	8.4	23
23	Evaluating the possible genotoxic, mutagenic and tumor cell proliferation-inhibition effects of a non-anticoagulant, but antithrombotic algal heterofucan. *Journal of Applied Toxicology*, **2010**, 30, 708-15	4.1	26
22	Evaluation of the genotoxic potential of Bauhinia monandra leaf lectin (BmoLL). *Food and Chemical Toxicology*, **2009**, 47, 303-8	4.7	9
21	High-risk human papillomavirus (HPV) is not associated with p53 and bcl-2 expression in oral squamous cell carcinomas. *Auris Nasus Larynx*, **2009**, 36, 450-6	2.2	16
20	BC nanofibres: in vitro study of genotoxicity and cell proliferation. *Toxicology Letters*, **2009**, 189, 235-41	4.4	104

19	Effect of titanium surface modified by plasma energy source on genotoxic response in vitro. *Toxicology*, **2009**, 262, 138-45	4.4	28
18	Genotoxicity induced by Eugenia caryophyllata infusion. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2008**, 71, 439-44	3.2	10
17	Determining the genotoxicity of an aqueous infusion of Bauhinia monandra leaves. *Revista Brasileira De Farmacognosia*, **2008**, 18, 509-516	2	10
16	Cytotoxic and genotoxic potential of surface water from the Pitimbu river, northeastern/RN Brazil. *Genetics and Molecular Biology*, **2007**, 30, 435-441	2	40
15	Base excision repair pathway is involved in the repair of lesions generated by flavonoid-enriched fractions of pepper tree (Schinus terebinthifolius, Raddi) stem bark. *Environmental and Molecular Mutagenesis*, **2007**, 48, 672-81	3.2	14
14	Human papillomavirus in oral squamous cells carcinoma in a population of 75 Brazilian patients. *American Journal of Otolaryngology - Head and Neck Medicine and Surgery*, **2007**, 28, 397-400	2.8	12
13	A characterization of a MutM/Fpg ortholog in sugarcane--A monocot plant. *Biochemical and Biophysical Research Communications*, **2007**, 361, 1054-60	3.4	6
12	DNA repair in reduced genome: the Mycoplasma model. *Gene*, **2005**, 360, 111-9	3.8	42
11	Swine and poultry pathogens: the complete genome sequences of two strains of Mycoplasma hyopneumoniae and a strain of Mycoplasma synoviae. *Journal of Bacteriology*, **2005**, 187, 5568-77	3.5	235
10	Microsomal triglyceride transfer protein promotes the secretion of Xenopus laevis vitellogenin A1. *Journal of Biological Chemistry*, **2005**, 280, 13902-5	5.4	29
9	Genotoxicity induced by saponified coconut oil surfactant in prokaryote systems. *Mutagenesis*, **2004**, 19, 441-4	2.8	6
8	Evaluation of the relationship of the molecular aggregation state of amphotericin B in medium to its genotoxic potential. *Journal of Pharmaceutical Sciences*, **2004**, 93, 1557-65	3.9	7
7	DNA repair in Chromobacterium violaceum. *Genetics and Molecular Research*, **2004**, 3, 167-80	1.2	3
6	Evaluation of mutagenic activity in an extract of pepper tree stem bark (Schinus terebinthifolius Raddi). *Environmental and Molecular Mutagenesis*, **2003**, 42, 185-91	3.2	51
5	Evaluation of the mutagenic potential of yangambin and of the hydroalcoholic extract of Ocotea duckei by the Ames test. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2003**, 536, 117-20	3	52
4	The complete genome sequence of Chromobacterium violaceum reveals remarkable and exploitable bacterial adaptability. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 11660-5	11.5	216
3	Base excision repair in sugarcane. *Genetics and Molecular Biology*, **2001**, 24, 123-129	2	3
2	Functional interactions between the estrogen receptor and the transcription activator Sp1 regulate the estrogen-dependent transcriptional activity of the vitellogenin A1 io promoter. *Journal of Biological Chemistry*, **1997**, 272, 18250-60	5.4	58

Identification of two steroid-responsive promoters of different strength controlled by the same estrogen-responsive element in the 5' end region of the Xenopus laevis vitellogenin gene A1. *Molecular Endocrinology*, **1989**, 3, 1596-609