

Antonio Sebasti o Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,901
citations

236925

25
h-index

276875

41
g-index

80
all docs

80
docs citations

80
times ranked

2660
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of micronuclei and chromosomal aberrations by the mycotoxin patulin in mammalian cells: role of ascorbic acid as a modulator of patulin clastogenicity. <i>Mutagenesis</i> , 2000, 15, 229-234.	2.6	106
2	Chemical features of flavonols affecting their genotoxicity. Potential implications in their use as therapeutical agents. <i>Chemico-Biological Interactions</i> , 2000, 124, 29-51.	4.0	93
3	Lipoperoxidation products and thiol antioxidants in chromium exposed workers. <i>Mutagenesis</i> , 2005, 20, 311-315.	2.6	90
4	Elevated levels of DNA-protein crosslinks and micronuclei in peripheral lymphocytes of tannery workers exposed to trivalent chromium. <i>Mutagenesis</i> , 2003, 18, 19-24.	2.6	87
5	Extraction of tomato by-products'™ bioactive compounds using ohmic technology. <i>Food and Bioproducts Processing</i> , 2019, 117, 329-339.	3.6	86
6	Cancer Drug Resistance: A Brief Overview from a Genetic Viewpoint. <i>Methods in Molecular Biology</i> , 2016, 1395, 1-18.	0.9	84
7	On the mechanisms of genotoxicity and metabolism of quercetin. <i>Mutagenesis</i> , 1994, 9, 445-449.	2.6	72
8	Development of imatinib and dasatinib resistance: dynamics of expression of drug transporters ABCB1, ABCC1, ABCG2, MVP, and SLC22A1. <i>Leukemia and Lymphoma</i> , 2011, 52, 1980-1990.	1.3	62
9	Development and validation of alternative metabolic systems for mutagenicity testing in short-term assays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 353, 151-176.	1.0	61
10	Genotoxicity and endoreduplication inducing activity of the food flavouring eugenol. <i>Mutagenesis</i> , 2006, 21, 199-204.	2.6	60
11	Involvement of rat cytochrome 1A1 in the biotransformation of kaempferol to quercetin: relevance to the genotoxicity of kaempferol. <i>Mutagenesis</i> , 1997, 12, 383-390.	2.6	57
12	The use of emergent technologies to extract added value compounds from grape by-products. <i>Trends in Food Science and Technology</i> , 2020, 106, 182-197.	15.1	49
13	Cytogenetic alterations and oxidative stress in thyroid cancer patients after iodine-131 therapy. <i>Mutagenesis</i> , 2000, 15, 69-75.	2.6	47
14	Genotoxic and apoptotic activities of the food flavourings myristicin and eugenol in AA8 and XRCC1 deficient EM9 cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 385-392.	3.6	44
15	Oxygen species and the genotoxicity of quercetin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 265, 75-81.	1.0	40
16	Metabolism of galangin by rat cytochromes P450: relevance to the genotoxicity of galangin. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 393, 247-257.	1.7	40
17	Genomics and Cancer Drug Resistance. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 651-673.	1.6	39
18	Myristicin from nutmeg induces apoptosis via the mitochondrial pathway and down regulates genes of the DNA damage response pathways in human leukaemia K562 cells. <i>Chemico-Biological Interactions</i> , 2014, 218, 1-9.	4.0	39

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19	Instability of mRNA expression signatures of drug transporters in chronic myeloid leukemia patients resistant to imatinib. <i>Oncology Reports</i> , 2013, 29, 741-750.	2.6	38
20	MicroRNAs and Cancer Drug Resistance. <i>Methods in Molecular Biology</i> , 2016, 1395, 137-162.	0.9	34
21	Insights into the mechanisms underlying the antiproliferative potential of a Co(II) coordination compound bearing 1,10-phenanthroline-5,6-dione: DNA and protein interaction studies. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 787-803.	2.6	33
22	Chitosan mouthwash: Toxicity and in vivo validation. <i>Carbohydrate Polymers</i> , 2014, 111, 385-392.	10.2	28
23	Use of cytogenetic indicators in radiobiology. <i>Radiation Protection Dosimetry</i> , 2005, 115, 455-460.	0.8	27
24	Estragole: A weak direct-acting food-borne genotoxin and potential carcinogen. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 86-92.	1.7	27
25	Down syndrome and microRNAs (Review). <i>Biomedical Reports</i> , 2017, 8, 11-16.	2.0	27
26	New endoperoxides highly active in vivo and in vitro against artemisinin-resistant <i>Plasmodium falciparum</i> . <i>Malaria Journal</i> , 2018, 17, 145.	2.3	27
27	^{99m} Tc-Tricarbonyl Complexes Functionalized with Anthracenyl Fragments: Synthesis, Characterization, and Evaluation of Their Radiotoxic Effects in Murine Melanoma Cells. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2009, 24, 551-563.	1.0	24
28	Synthesis, characterization and cytotoxic activity of gallium(III) complexes anchored by tridentate pyrazole-based ligands. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 523-532.	3.5	24
29	Genotoxicity assessment of aromatic amines and amides in genetically engineered V79 cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1994, 341, 93-100.	1.2	20
30	Genotoxic alkenylbenzene flavourings, a contribution to risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 118, 861-879.	3.6	20
31	Anthocyanin Recovery from Grape by-Products by Combining Ohmic Heating with Food-Grade Solvents: Phenolic Composition, Antioxidant, and Antimicrobial Properties. <i>Molecules</i> , 2021, 26, 3838.	3.8	20
32	Mutagenicity of kaempferol in V79 cells: The role of cytochromes P450. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1996, 16, 229-241.	0.8	19
33	Induction of an adaptive response to quercetin, mitomycin C and hydrogen peroxide by low doses of quercetin in V79 Chinese hamster cells. <i>Mutagenesis</i> , 1997, 12, 457-462.	2.6	19
34	DNA-PK inhibitor wortmannin enhances DNA damage induced by bleomycin in V79 Chinese hamster cells. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2002, 22, 343-351.	0.8	19
35	Prognostic value of microRNA-203a expression in breast cancer. <i>Oncology Reports</i> , 2016, 36, 1748-1756.	2.6	18
36	Evaluation of the genotoxic effects of the boron neutron capture reaction in human melanoma cells using the cytokinesis block micronucleus assay. <i>Mutagenesis</i> , 2001, 16, 369-375.	2.6	17

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37	Wortmannin enhances the induction of micronuclei by low and high LET radiation. <i>Mutagenesis</i> , 2003, 18, 37-44.	2.6	17
38	In vitro and in vivo biological characterization of the anti-proliferative potential of a cyclic trinuclear organotin (<scp>iv</scp>) complex. <i>Molecular BioSystems</i> , 2016, 12, 1015-1023.	2.9	17
39	Mutagenic activity in the wine-making process: correlations with rutin and quercetin levels. <i>Mutagenesis</i> , 1990, 5, 393-396.	2.6	16
40	No evidence of increased chromosomal aberrations and micronuclei in lymphocytes from nonfamilial thyroid cancer patients prior to radiotherapy. <i>Cancer Genetics and Cytogenetics</i> , 2000, 123, 55-60.	1.0	16
41	Assessment of the adaptive response induced by quercetin using the MNCB peripheral blood human lymphocytes assay. <i>Mutagenesis</i> , 2000, 15, 77-83.	2.6	16
42	In Vitro Gastrointestinal Digestion Impact on the Bioaccessibility and Antioxidant Capacity of Bioactive Compounds from Tomato Flours Obtained after Conventional and Ohmic Heating Extraction. <i>Foods</i> , 2021, 10, 554.	4.3	16
43	Mechanisms of myricetin mutagenicity in V79 cells: Involvement of radicalar species. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1996, 16, 253-268.	0.8	14
44	Effect of poly(ADP-ribosyl)ation inhibitors on the genotoxic effects of the boron neutron capture reaction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 583, 36-48.	1.7	14
45	DNA damage response in imatinib resistant chronic myeloid leukemia K562 cells. <i>Leukemia and Lymphoma</i> , 2012, 53, 2004-2014.	1.3	13
46	Possible transient adaptive response to mitomycin C in peripheral lymphocytes from thyroid cancer patients after iodine-131 therapy. <i>International Journal of Cancer</i> , 2002, 102, 556-561.	5.1	12
47	Genetic Susceptibility in Acute Pancreatitis. <i>Pancreas</i> , 2017, 46, 71-76.	1.1	12
48	ABC Efflux Transporters and the Circuitry of miRNAs: Kinetics of Expression in Cancer Drug Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2985.	4.1	12
49	Association Between miR-148a and DNA Methylation Profile in Individuals Exposed to Lead (Pb). <i>Frontiers in Genetics</i> , 2021, 12, 620744.	2.3	12
50	The drug transporter ABCB1 c.3435C>T SNP influences artemetherâ€“lumefantrine treatment outcome. <i>Malaria Journal</i> , 2017, 16, 383.	2.3	11
51	Activation of promutagens by porphyrinic biomimetic systems. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 269, 243-250.	1.0	10
52	Characterization of the antiproliferative potential and biological targets of a trans ketoimine platinum complex. <i>Inorganica Chimica Acta</i> , 2014, 423, 156-167.	2.4	10
53	Quercus based coffee-like beverage: effect of roasting process and functional characterization. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 471-479.	3.2	10
54	Fluorimetric Methods for Analysis of Permeability, Drug Transport Kinetics, and Inhibition of the ABCB1 Membrane Transporter. <i>Methods in Molecular Biology</i> , 2016, 1395, 87-103.	0.9	9

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55	Integration of HIV in the Human Genome: Which Sites Are Preferential? A Genetic and Statistical Assessment. <i>International Journal of Genomics</i> , 2016, 2016, 1-6.	1.6	7
56	Methods for Studying MicroRNA Expression and Their Targets in Formalin-Fixed, Paraffin-Embedded (FFPE) Breast Cancer Tissues. <i>Methods in Molecular Biology</i> , 2016, 1395, 189-205.	0.9	7
57	Male and female breast cancer: the two faces of the same genetic susceptibility coin. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 295-305.	2.5	7
58	Copy number variations and constitutional chromothripsis (Review). <i>Biomedical Reports</i> , 2020, 13, 11.	2.0	7
59	Human exposure to indoor radon: a survey in the region of Guarda, Portugal. <i>Radiation Protection Dosimetry</i> , 2013, 154, 237-244.	0.8	6
60	Alkylating Potential of Oxetanes. <i>Chemical Research in Toxicology</i> , 2010, 23, 1275-1281.	3.3	5
61	Reactive astrogliosis in the dentate gyrus of mice exposed to active volcanic environments. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 213-226.	2.3	5
62	Brassica oleracea L. Var. costata DC and <i>Pieris brassicae</i> L. Aqueous Extracts Reduce Methyl Methanesulfonate-Induced DNA Damage in V79 Hamster Lung Fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5380-5387.	5.2	4
63	A personally guided tour on some of our data with the Ames assay – A tribute to Professor Bruce Ames. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 846, 503094.	1.7	3
64	Regulation of ABCB1 activity by microRNA-200c and microRNA-203a in breast cancer cells: the quest for microRNAs™ involvement in cancer drug resistance. , 2019, 2, 897-911.		3
65	MicroRNAs and cancer drug resistance: over two thousand characters in search of a role. , 2019, 2, 618-633.		3
66	Bioactivity and Bioaccessibility of Bioactive Compounds in Gastrointestinal Digestion of Tomato Bagasse Extracts. <i>Foods</i> , 2022, 11, 1064.	4.3	3
67	DNA Repair and Resistance to Cancer Therapy. , 0, , .		2
68	Factors involved in the mutagenicity during the vinification of red wines from different origins. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1992, 271, 171.	0.4	1
69	Spontaneous and spindle poison-induced micronuclei and chromosome non-disjunction in cytokinesis-blocked lymphocytes from two age groups of women. <i>Mutagenesis</i> , 2003, 18, 217-217.	2.6	1
70	Dynamics of Expression of Drug Transporters: Methods for Appraisal. <i>Methods in Molecular Biology</i> , 2016, 1395, 75-85.	0.9	1
71	13. Non-eruptive volcanogenic air pollution and health effects. <i>Human Health Handbooks</i> , 2015, , 223-234.	0.1	1
72	Mutagenic activity in alcoholic fermentation. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1988, 203, 238-239.	0.4	0

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73	Chemical stability of quercetin: influence on its genotoxicity. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1989, 216, 300.	0.4	0
74	Biomimetic activation of premutagens with FeTPP and various oxygen donors. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1992, 271, 158.	0.4	0
75	Reproductive cycle of the Azorean endemic land snail <i>Oxychilus (Drouetia) brincki</i> Riedel, 1964 (Gastropoda: Pulmonata). Invertebrate Reproduction and Development, 2012, 56, 236-241.	0.8	0
76	Epigenetic changes after prolonged exposure to alkenylbenzenes – An important signature of potential toxicological effects. Toxicology Letters, 2015, 238, S86.	0.8	0
77	PO-020 Functional characterisation of variant of unknown significance in familial breast cancer. ESMO Open, 2018, 3, A28.	4.5	0