Jose A Rueff

List of Publications by Year
in descending order

201	4,701	94269	155451
papers	citations	37 h-index	55 g-index

206	206	206	5075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Central Role of Cytochrome P450 in Xenobiotic Metabolismâ€"A Brief Review on a Fascinating Enzyme Family. Journal of Xenobiotics, 2021, 11, 94-114.	2.9	164
2	Induction of micronuclei and chromosomal aberrations by the mycotoxin patulin in mammalian cells: role of ascorbic acid as a modulator of patulin clastogenicity. Mutagenesis, 2000, 15, 229-234.	1.0	106
3	Chemical features of flavonols affecting their genotoxicity. Potential implications in their use as therapeutical agents. Chemico-Biological Interactions, 2000, 124, 29-51.	1.7	93
4	Lipoperoxidation products and thiol antioxidants in chromium exposed workers. Mutagenesis, 2005, 20, 311-315.	1.0	90
5	Elevated levels of DNA-protein crosslinks and micronuclei in peripheral lymphocytes of tannery workers exposed to trivalent chromium. Mutagenesis, 2003, 18, 19-24.	1.0	87
6	Breast cancer risk and common single nucleotide polymorphisms in homologous recombination DNA repair pathway genes XRCC2, XRCC3, NBS1 and RAD51. Cancer Epidemiology, 2010, 34, 85-92.	0.8	86
7	Cancer Drug Resistance: A Brief Overview from a Genetic Viewpoint. Methods in Molecular Biology, 2016, 1395, 1-18.	0.4	84
8	Familial renal glucosuria: SLC5A2 mutation analysis and evidence of salt-wasting. Kidney International, 2006, 69, 852-855.	2.6	83
9	Genotoxicity of quercetin in the micronucleus assay in mouse bone marrow erythrocytes, human lymphocytes, V79 cell line and identification of kinetochore-containing (CREST staining) micronuclei in human lymphocytes. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1995, 343, 85-94.	1.2	81
10	Genetic toxicology of flavonoids: the role of metabolic conditions in the induction of reverse mutation, SOS functions and sisterchromatid exchanges. Mutagenesis, 1986, 1, 179-183.	1.0	79
11	Cytogenetic and molecular biomonitoring of a Portuguese population exposed to pesticides. Mutagenesis, 2006, 21, 343-350.	1.0	78
12	Catechols from abietic acid. Bioorganic and Medicinal Chemistry, 2003, 11, 1631-1638.	1.4	76
13	Usefulness and limits of biological dosimetry based on cytogenetic methods. Radiation Protection Dosimetry, 2005, 115, 448-454.	0.4	74
14	On the mechanisms of genotoxicity and metabolism of quercetin. Mutagenesis, 1994, 9, 445-449.	1.0	72
15	Novel compound heterozygous mutations in SLC5A2 are responsible for autosomal recessive renal glucosuria. Human Genetics, 2004, 114, 314-316.	1.8	68
16	Cytogenetic Damage Induced by Acrylamide and Glycidamide in Mammalian Cells: Correlation with Specific Glycidamide-DNA Adducts. Toxicological Sciences, 2006, 95, 383-390.	1.4	66
17	Mutagenicity, carcinogenicity, and teratogenicity of acrylonitrile. Mutation Research - Reviews in Mutation Research, 1999, 436, 263-283.	2.4	64
18	Occupational exposure to styrene: modulation of cytogenetic damage and levels of urinary metabolites of styrene by polymorphisms in genes CYP2E1, EPHX1, GSTM1, GSTT1 and GSTP1. Toxicology, 2004, 195, 231-242.	2.0	62

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19	Association of Polymorphisms in Genes of the Homologous Recombination DNA Repair Pathway and Thyroid Cancer Risk. Thyroid, 2009, 19, 1067-1075.	2.4	62
20	Development of imatinib and dasatinib resistance: dynamics of expression of drug transportersABCB1, ABCC1, ABCG2, MVP, and SLC22A1. Leukemia and Lymphoma, 2011, 52, 1980-1990.	0.6	62
21	Development and validation of alternative metabolic systems for mutagenicity testing in short-term assays. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 353, 151-176.	0.4	61
22	Genotoxicity and endoreduplication inducing activity of the food flavouring eugenol. Mutagenesis, 2006, 21, 199-204.	1.0	60
23	Macrocyclic copper(II) complexes: Superoxide scavenging activity, structural studies and cytotoxicity evaluation. Journal of Inorganic Biochemistry, 2007, 101, 849-858.	1.5	60
24	Association of common variants in mismatch repair genes and breast cancer susceptibility: a multigene study. BMC Cancer, 2009, 9, 344.	1.1	58
25	Involvement of rat cytochrome 1A1 in the biotransformation of kaempferol to quercetin: relevance to the genotoxicity of kaempferol. Mutagenesis, 1997, 12, 383-390.	1.0	57
26	Genetic effects and biotoxicity monitoring of occupational styrene exposure. Clinica Chimica Acta, 2009, 399, 8-23.	0.5	56
27	DNA strand breaks and chromosomal aberrations induced by H2O2 and 60Co Î³-radiation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 289, 197-204.	0.4	53
28	Aromatic DNA adduct levels in coke oven workers: correlation with polymorphisms in genes GSTP1, GSTM1, GSTT1 and CYP1A1. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 517, 147-155.	0.9	49
29	Impairment of human CYP1A2-mediated xenobiotic metabolism by Antleyâ€“Bixler syndrome variants of cytochrome P450 oxidoreductase. Archives of Biochemistry and Biophysics, 2008, 475, 93-99.	1.4	49
30	Human Cytochrome P450 Oxidoreductase Deficiency Caused by the Y181D Mutation: Molecular Consequences and Rescue of Defect. Drug Metabolism and Disposition, 2010, 38, 332-340.	1.7	49
31	Cytogenetic alterations and oxidative stress in thyroid cancer patients after iodine-131 therapy. Mutagenesis, 2000, 15, 69-75.	1.0	47
32	Expression of human cytochrome P450 1A2 in Escherichia coli: a system for biotransformation and genotoxicity studies of chemical carcinogens. Mutagenesis, 1998, 13, 263-269.	1.0	44
33	Genotoxic and apoptotic activities of the food flavourings myristicin and eugenol in AA8 and XRCC1 deficient EM9 cells. Food and Chemical Toxicology, 2011, 49, 385-392.	1.8	44
34	Combined effects of glutathione S-transferase polymorphisms and thyroid cancer risk. Cancer Genetics and Cytogenetics, 2004, 151, 60-67.	1.0	42
35	Oxygen species and the genotoxicity of quercetin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 265, 75-81.	0.4	40
36	Metabolism of galangin by rat cytochromes P450: relevance to the genotoxicity of galangin. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 393, 247-257.	0.9	40

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37	Menopausal age and XRCC1 gene polymorphisms: Role in breast cancer risk. Cancer Detection and Prevention, 2007, 31, 303-309.	2.1	39
38	Genomics and Cancer Drug Resistance. Current Pharmaceutical Biotechnology, 2012, 13, 651-673.	0.9	39
39	Myristicin from nutmeg induces apoptosis via the mitochondrial pathway and down regulates genes of the DNA damage response pathways in human leukaemia K562 cells. Chemico-Biological Interactions, 2014, 218, 1-9.	1.7	39
40	Effect of kidney disease on glucose handling (including genetic defects). Kidney International, 2011, 79, S7-S13.	2.6	38
41	Instability of mRNA expression signatures of drug transporters in chronic myeloid leukemia patients resistant to imatinib. Oncology Reports, 2013, 29, 741-750.	1.2	38
42	Association of Polymorphisms in ERCC2 Gene with Non-Familial Thyroid Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2407-2412.	1.1	34
43	MicroRNAs and Cancer Drug Resistance. Methods in Molecular Biology, 2016, 1395, 137-162.	0.4	34
44	Oxidative stress in trisomy 21: A possible role in cataractogenesis. Ophthalmic Paediatrics and Genetics, 1989, 10, 271-277.	0.4	32
45	GSTM1,GSTT1, andGSTP1 genotypes and the genotoxicity of hydroquinone in human lymphocytes. Environmental and Molecular Mutagenesis, 2004, 43, 258-264.	0.9	32
46	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. Mutagenesis, 2013, 28, 721-729.	1.0	32
47	Escherichia coli MTC, a human NADPH P450 reductase competent mutagenicity tester strain for the expression of human cytochrome P450 isoforms 1A1, 1A2, 2A6, 3A4, or 3A5: catalytic activities and mutagenicity studies. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 441, 73-83.	0.9	31
48	Polymorphisms in base excision repair genes and thyroid cancer risk. Oncology Reports, 2012, 28, 1859-1868.	1.2	31
49	Micronuclei and sister chromatid exchanges induced by capsaicin in human lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 517, 39-46.	0.9	30
50	Urinary mutagenicity in occupational exposure to mineral oils and iron oxide particles. Carcinogenesis, 1982, 3, 1077-1079.	1.3	29
51	Transplacental exposure to genotoxins. Evaluation in haemoglobin of hydroxyethylvaline adduct levels in smoking and non-smoking mothers and their newborns. Carcinogenesis, 1994, 15, 1271-1274.	1.3	29
52	Genotoxic effects of doxorubicin in cultured human lymphocytes with different glutathione S-transferase genotypes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 724, 28-34.	0.9	29
53	The role of common variants of non-homologous end-joining repair genes XRCC4, LIG4 and Ku80 in thyroid cancer risk. Oncology Reports, 2010, 24, 1079-85.	1.2	28
54	Quercetin and the mutagenicity of wines. Mutagenesis, 1993, 8, 51-55.	1.0	27

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55	Monitoring of exposure to acrylonitrile by determination of N-(2-cyanoethyl)valine at the N-terminal position of haemoglobin. Carcinogenesis, 1996, 17, 2655-2660.	1.3	27
56	Induction of chromosomal aberrations by phenolic compounds: possible role of reactive oxygen species. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 540, 29-42.	0.9	27
57	Use of cytogenetic indicators in radiobiology. Radiation Protection Dosimetry, 2005, 115, 455-460.	0.4	27
58	Detection and quantitative analysis of human herpesvirus in pilocytic astrocytoma. Brain Research, 2008, 1221, 108-114.	1.1	27
59	A Data Mining Approach for the Detection of High-Risk Breast Cancer Groups. Advances in Intelligent and Soft Computing, 2010, , 43-51.	0.2	27
60	Functional characterization of eight human cytochrome P450 1A2 gene variants by recombinant protein expression. Pharmacogenomics Journal, 2010, 10, 478-488.	0.9	27
61	Altered Human CYP3A4 Activity Caused by Antley-Bixler Syndrome-Related Variants of NADPH-Cytochrome P450 Oxidoreductase Measured in a Robust In Vitro System. Drug Metabolism and Disposition, 2012, 40, 754-760.	1.7	27
62	Estragole: A weak direct-acting food-borne genotoxin and potential carcinogen. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 747, 86-92.	0.9	27
63	Down syndrome and microRNAs (Review). Biomedical Reports, 2017, 8, 11-16.	0.9	27
64	Breast cancer risk and polymorphisms in genes involved in metabolism of estrogens (CYP17,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Ala/Ala in women that never breast fed. Oncology Reports, 2006, 16, 781-8.	1.2	27
65	Protective role ofortho-substituted Mn(III)N-alkylpyridylporphyrins against the oxidative injury induced bytert-butylhydroperoxide. Free Radical Research, 2010, 44, 430-440.	1.5	26
66	Oxidative injury in V79 Chinese hamster cells: protective role of the superoxide dismutase mimetic MnTM-4-PyP. Cell Biology and Toxicology, 2010, 26, 91-101.	2.4	25
67	Functional characterization of eight human CYP1A2 variants. Pharmacogenetics and Genomics, 2013, 23, 41-52.	0.7	25
68	Characterization of enzyme activities and cofactors involved in bioactivation and bioinactivation of chemical carcinogens in the tester strains Escherichia coli K12 MX100 and Salmonella typhimurium LT2 TA100. Mutagenesis, 1997, 12, 245-254.	1.0	24
69	Mechanisms of induction of chromosomal aberrations by hydroquinone in V79 cells. Mutagenesis, 2003, 18, 491-496.	1.0	24
70	^{99m}Tc-Tricarbonyl Complexes Functionalized with Anthracenyl Fragments: Synthesis, Characterization, and Evaluation of Their Radiotoxic Effects in Murine Melanoma Cells. Cancer Biotherapy and Radiopharmaceuticals, 2009, 24, 551-563.	0.7	24
71	The role of GSTA2 polymorphisms and haplotypes in breast cancer susceptibility: A case-control study in the Portuguese population. Oncology Reports, 2009, 22, 593-8.	1.2	24
72	Synthesis, characterization and cytotoxic activity of gallium(III) complexes anchored by tridentate pyrazole-based ligands. Journal of Inorganic Biochemistry, 2010, 104, 523-532.	1.5	24

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73	Escherichia coli BTC, a human cytochrome P450 competent tester strain with a high sensitivity towards alkylating agents: involvement of alkyltransferases in the repair of DNA damage induced by aromatic amines. Mutagenesis, 2005, 20, 199-208.	1.0	23
74	Genotoxicity of instant coffee: possible involvement of phenolic compounds. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 442, 43-51.	0.9	22
75	The stimulatory role of human cytochrome b5 in the bioactivation activities of human CYP1A2, 2A6 and 2E1: a new cell expression system to study cytochrome P450 mediated biotransformation. Mutagenesis, 2005, 20, 93-100.	1.0	22
76	The Role of the FMN-Domain of Human Cytochrome P450 Oxidoreductase in Its Promiscuous Interactions With Structurally Diverse Redox Partners. Frontiers in Pharmacology, 2020, 11, 299.	1.6	22
77	Histologic and genetic assessment of explanted allograft valves. Annals of Thoracic Surgery, 1995, 60, S141-S145.	0.7	21
78	Escherichia coli MTC, a NADPH cytochrome P450 reductase competent mutagenicity tester strain for the expression of human cytochrome P450: Comparison of three types of expression systems. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 439, 287-300.	0.9	21
79	A novel heterozygous missensemutation in the UMOD gene responsible for Familial Juvenile Hyperuricemic Nephropathy. BMC Medical Genetics, 2005, 6, 5.	2.1	21
80	Cytogenetic and DNA damage on workers exposed to styrene. Mutagenesis, 2010, 25, 617-621.	1.0	21
81	Genotoxicity assessment of aromatic amines and amides in genetically engineered V79 cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1994, 341, 93-100.	1.2	20
82	Structural requirements for mutagenicity of flavonoids upon nitrosation. A structureâ€"activity study. Mutagenesis, 1995, 10, 325-328.	1.0	20
83	Cytotoxicity and chromosomal aberrations induced by acrylamide in V79 cells: Role of glutathione modulators. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 676, 87-92.	0.9	20
84	Genotoxic alkenylbenzene flavourings, a contribution to risk assessment. Food and Chemical Toxicology, 2018, 118, 861-879.	1.8	20
85	Mutagenicity of kaempferol in V79 cells: The role of cytochromes P450. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 229-241.	0.8	19
86	Induction of an adaptive response to quercetin, mitomycin C and hydrogen peroxide by low doses of quercetin in V79 Chinese hamster cells. Mutagenesis, 1997, 12, 457-462.	1.0	19
87	Oxidative stress in familial adenomatous polyposis. European Journal of Cancer Prevention, 1999, 8, 305-310.	0.6	19
88	DNA-PK inhibitor wortmannin enhances DNA damage induced by bleomycin in V79 Chinese hamster cells. Teratogenesis, Carcinogenesis, and Mutagenesis, 2002, 22, 343-351.	0.8	19
89	DNA Damage and Susceptibility Assessment in Industrial Workers Exposed to Styrene. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 735-746.	1.1	19
90	MX100, a new Escherichia coli tester strain for use in genotoxicity studies. Mutagenesis, 1996, 11, 327-333.	1.0	18

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91	Induction of sister chromatid exchange by acrylamide and glycidamide in human lymphocytes: Role of polymorphisms in detoxification and DNA-repair genes in the genotoxicity of glycidamide. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 752, 1-7.	0.9	18
92	Prognostic value of microRNA-203a expression in breast cancer. Oncology Reports, 2016, 36, 1748-1756.	1.2	18
93	The frequency and origin of the sickle cell mutation in the district of Coruche/Portugal. Human Genetics, 1989, 82, 255-258.	1.8	17
94	Evaluation of the genotoxic effects of the boron neutron capture reaction in human melanoma cells using the cytokinesis block micronucleus assay. Mutagenesis, 2001, 16, 369-375.	1.0	17
95	Wortmannin enhances the induction of micronuclei by low and high LET radiation. Mutagenesis, 2003, 18, 37-44.	1.0	17
96	Mutagenic activity in the wine-making process: correlations with rutin and quercetin levels. Mutagenesis, 1990, 5, 393-396.	1.0	16
97	Glutathione S transferase mu polymorphism and gastric cancer in the Portuguese population. Biomarkers, 1998, 3, 441-447.	0.9	16
98	No evidence of increased chromosomal aberrations and micronuclei in lymphocytes from nonfamilial thyroid cancer patients prior to radiotherapy. Cancer Genetics and Cytogenetics, 2000, 123, 55-60.	1.0	16
99	Assessment of the adaptive response induced by quercetin using the MNCB peripheral blood human lymphocytes assay. Mutagenesis, 2000, 15, 77-83.	1.0	16
100	Probing the Role of the Hinge Segment of Cytochrome P450 Oxidoreductase in the Interaction with Cytochrome P450. International Journal of Molecular Sciences, 2018, 19, 3914.	1.8	16
101	Mutagenicity of rutin and the glycosidic activity of cultured cell-free microbial preparations of human faeces and saliva. Food and Chemical Toxicology, 1989, 27, 437-443.	1.8	15
102	Genotoxicity of nitrosated red wine and of the nitrosatable phenolic compounds present in wine: Tyramine, quercetin and malvidine-3-glucoside. Food and Chemical Toxicology, 1993, 31, 989-994.	1.8	14
103	Evaluation of some biomonitoring markers in occupationally exposed populations to acrylonitrile. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 205-218.	0.8	14
104	Preferential sensitivity of acrocentric chromosomes to the aneugenic effect of colchicine. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 243-252.	0.8	14
105	Mechanisms of myricetin mutagenicity in V79 cells: Involvement of radicalar species. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 253-268.	0.8	14
106	Glutathione S-transferase mu polymorphism and susceptibility to lung cancer in the Portuguese population. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 269-274.	0.8	14
107	Heterologous Expression of Xenobiotic Mammalian-Metabolizing Enzymes in Mutagenicity Tester Bacteria: An Update and Practical Considerations. Critical Reviews in Toxicology, 2000, 30, 287-306.	1.9	14
108	Stereochemical effects in the metabolic activation of nitrosopiperidines: correlations with genotoxicity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 558, 45-51.	0.9	14

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109	Effect of poly(ADP-ribosyl)ation inhibitors on the genotoxic effects of the boron neutron capture reaction. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 583, 36-48.	0.9	14
110	The role of CCNH Val270Ala (rs2230641) and other nucleotide excision repair polymorphisms in individual susceptibility to well-differentiated thyroid cancer. Oncology Reports, 2013, 30, 2458-2466.	1.2	14
111	Effect of a poly(ADP-ribose) polymerase inhibitor on DNA breakage and cytotoxicity induced by hydrogen peroxide and ?-radiation. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 219-227.	0.8	13
112	The role of poly(ADP-ribose)polymerase in the induction of sister chromatid exchanges and micronuclei by mitomycin C in Down's syndrome cells as compared to euploid cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 377, 269-277.	0.4	13
113	Association of p53 genomic instability with the glutathione S- transferase null genotype in gastric cancer in the Portuguese population. Journal of Clinical Pathology, 1999, 52, 131-134.	2.1	13
114	Genotoxicity of instant coffee and of some phenolic compounds present in coffee upon nitrosation. Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 241-249.	0.8	13
115	Styrene-oxide N-terminal valine haemoglobin adducts in reinforced plastic workers: Possible influence of genetic polymorphism of drug-metabolising enzymes. Toxicology, 2007, 237, 58-64.	2.0	13
116	The role of common variants of non-homologous end-joining repair genes XRCC4, LIG4 and Ku80 in thyroid cancer risk. Oncology Reports, 2010, , .	1.2	13
117	DNA damage response in imatinib resistant chronic myeloid leukemia K562 cells. Leukemia and Lymphoma, 2012, 53, 2004-2014.	0.6	13
118	Development of pyridine-containing macrocyclic copper(II) complexes: potential role in the redox modulation of oxaliplatin toxicity in human breast cells. Free Radical Research, 2012, 46, 1157-1166.	1.5	13
119	Possible transient adaptive response to mitomycin C in peripheral lymphocytes from thyroid cancer patients after iodine-131 therapy. International Journal of Cancer, 2002, 102, 556-561.	2.3	12
120	Role of haemoglobin in the protection of cultured lymphocytes against diepoxybutane (DEB), assessed by in vitro induced chromosome breakage. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 536, 61-67.	0.9	12
121	Unusual adult-onset manifestation of an attenuated Bartter's syndrome type IV renal phenotype caused by a mutation in BSND. Nephrology Dialysis Transplantation, 2006, 22, 288-289.	0.4	12
122	Genetic Susceptibility in Acute Pancreatitis. Pancreas, 2017, 46, 71-76.	0.5	12
123	ABC Efflux Transporters and the Circuitry of miRNAs: Kinetics of Expression in Cancer Drug Resistance. International Journal of Molecular Sciences, 2020, 21, 2985.	1.8	12
124	Association Between miR-148a and DNA Methylation Profile in Individuals Exposed to Lead (Pb). Frontiers in Genetics, 2021, 12, 620744.	1.1	12
125	Influence of S9 mix in the induction of SOS system by quercetin. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1987, 191, 1-4.	1.2	11
126	Absence of stimulation of poly(ADP-ribose) polymerase activity in patients predisposed to colon cancer. British Journal of Cancer, 1998, 77, 1628-1632.	2.9	11

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127	Mismatch repair single nucleotide polymorphisms and thyroid cancer susceptibility. Oncology Letters, 2018, 15, 6715-6726.	0.8	11
128	Thyroid Cancer: The Quest for Genetic Susceptibility Involving DNA Repair Genes. Genes, 2019, 10, 586.	1.0	11
129	Activation of promutagens by porphyrinic biomimetic systems. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 269, 243-250.	0.4	10
130	Isolation and prevalidation of an Escherichia coli tester strain for the use in mechanistic and metabolic studies of genotoxins. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1994, 312, 99-109.	0.4	10
131	Gold Nanoparticle Based Systems in Genetics. Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics, 2007, 5, 39-47.	0.3	10
132	Prevalence of the Janus kinase 2 V617F mutation in Philadelphia-negative myeloproliferative neoplasms in a Portuguese population. Biomedical Reports, 2017, 7, 370-376.	0.9	10
133	DNA Polymorphisms as Modulators of Genotoxicity and Cancer. Biological Chemistry, 2002, 383, 923-32.	1.2	9
134	Human Sulfotransferase 1A1-Dependent Mutagenicity of 12-Hydroxy-nevirapine: The Missing Link?. Chemical Research in Toxicology, 2014, 27, 1967-1971.	1.7	9
135	Non-receptor Tyrosine Kinases Role and Significance in Hematological Malignancies. , 2019, , .		9
136	Interaction Modes of Microsomal Cytochrome P450s with Its Reductase and the Role of Substrate Binding. International Journal of Molecular Sciences, 2020, 21, 6669.	1.8	9
137	The allograft valve in heart transplantation and valve replacement: Genetic assessment of the origin of the cells by means of deoxyribonucleic acid profiles. Journal of Thoracic and Cardiovascular Surgery, 1995, 109, 218-223.	0.4	8
138	Glycidamide genotoxicity modulated by Caspases genes polymorphisms. Toxicology in Vitro, 2016, 34, 123-127.	1.1	8
139	DNA repair genes polymorphisms and genetic susceptibility to Philadelphia-negative myeloproliferative neoplasms in a Portuguese population: The role of base excision repair genes polymorphisms. Oncology Letters, 2017, 13, 4641-4650.	0.8	8
140	Styrene-oxide N-terminal valine haemoglobin adducts as biomarkers of occupational exposure to styrene. International Journal of Hygiene and Environmental Health, 2008, 211, 59-62.	2.1	7
141	8,15-Epoxylabdane and norlabdane diterpenoids from Eragrostis viscosa. Phytochemistry, 2010, 71, 798-803.	1.4	7
142	Molluscicidal Activity of Compounds Isolated from Euphorbia conspicua N. E. Br. Journal of the Brazilian Chemical Society, 2011, 22, 1880-1887.	0.6	7
143	Genetic Polymorphisms in Detoxification and DNA Repair Genes and Susceptibility to Glycidamide-Induced DNA Damage. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 920-933.	1.1	7
144	Integration of HIV in the Human Genome: Which Sites Are Preferential? A Genetic and Statistical Assessment. International Journal of Genomics, 2016, 2016, 1-6.	0.8	7

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145	Methods for Studying MicroRNA Expression and Their Targets in Formalin-Fixed, Paraffin-Embedded (FFPE) Breast Cancer Tissues. Methods in Molecular Biology, 2016, 1395, 189-205.	0.4	7
146	Human cytochrome P450 expression in bacteria: Whole-cell high-throughput activity assay for CYP1A2, 2A6 and 3A4. Biochemical Pharmacology, 2018, 158, 134-140.	2.0	7
147	Micronuclei Formation upon Radioiodine Therapy for Well-Differentiated Thyroid Cancer: The Influence of DNA Repair Genes Variants. Genes, 2020, 11, 1083.	1.0	7
148	Male and female breast cancer: the two faces of the same genetic susceptibility coin. Breast Cancer Research and Treatment, 2021, 188, 295-305.	1.1	7
149	Copy number variations and constitutional chromothripsis (Review). Biomedical Reports, 2020, 13, 11.	0.9	7
150	Normal genetic response to gamma irradiation in familial adenomatous polyposis. European Journal of Cancer, 1995, 31, 1506-1510.	1.3	6
151	The Na + â€coupled glucose transporter SGLT 2 interacts withÂits accessory unit MAP 17 inÂvitro and their expressions overlap in the renal proximal tubule. FEBS Letters, 2018, 592, 3317-3326.	1.3	6
152	The Role of Caspase Genes Polymorphisms in Genetic Susceptibility to Philadelphia-Negative Myeloproliferative Neoplasms in a Portuguese Population. Pathology and Oncology Research, 2019, 25, 961-969.	0.9	6
153	DNA Damage and Oxygen Species. , 1989, , 171-181.		6
154	Mutagenic activity of glycine upon nitrosation in the presence of chloride and human gastric juice: A possible role in gastric carcinogenesis. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 275-286.	0.8	5
155	APC intragenic haplotypes in familial adenomatous polyposis. Clinical Genetics, 1996, 50, 483-485.	1.0	5
156	Alkylating Potential of Oxetanes. Chemical Research in Toxicology, 2010, 23, 1275-1281.	1.7	5
157	Effects of polymorphic DNA genes involved in BER and caspase pathways on the clinical outcome of myeloproliferative neoplasms under treatment with hydroxyurea. Molecular Medicine Reports, 2018, 18, 5243-5255.	1.1	5
158	Aneuploidy induced in lymphocytes of parents of trisomic 21 children. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 369-382.	0.8	4
159	Multiplex PCRâ€“single-base extension genotyping of multiple glutathione S-transferase polymorphisms. Biotechnology and Applied Biochemistry, 2005, 41, 9.	1.4	4
160	The role of foetal red blood cells in protecting cultured lymphocytes against diepoxybutane-induced chromosome breaks. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 603, 41-47.	0.9	4
161	The role of ERCC2 polymorphisms in breast cancer risk. Cancer Genetics and Cytogenetics, 2006, 170, 86-88.	1.0	4
162	Asynchronous DNA replication detected by fluorescence in situ hybridisation as a possible indicator of genetic damage in human lymphocytes. Oncology Reports, 2008, 19, 369-75.	1.2	4

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