

# Jorge F. Gaspar

## List of Publications by Year in descending order

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71  
papers

2,102  
citations

201674

27  
h-index

265206

42  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxic damage in pathology anatomy laboratory workers exposed to formaldehyde. <i>Toxicology</i> , 2008, 252, 40-48.	4.2	109
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	Breast cancer risk and common single nucleotide polymorphisms in homologous recombination DNA repair pathway genes XRCC2, XRCC3, NBS1 and RAD51. <i>Cancer Epidemiology</i> , 2010, 34, 85-92.	1.9	86
4	Cytogenetic and molecular biomonitoring of a Portuguese population exposed to pesticides. <i>Mutagenesis</i> , 2006, 21, 343-350.	2.6	78
5	Cytogenetic Damage Induced by Acrylamide and Glycidamide in Mammalian Cells: Correlation with Specific Glycidamide-DNA Adducts. <i>Toxicological Sciences</i> , 2006, 95, 383-390.	3.1	66
6	Genotoxic effects of occupational exposure to lead and influence of polymorphisms in genes involved in lead toxicokinetics and in DNA repair. <i>Environment International</i> , 2012, 43, 29-36.	10.0	65
7	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. <i>Toxicology</i> , 2004, 195, 231-242.	4.2	62
8	Association of Polymorphisms in Genes of the Homologous Recombination DNA Repair Pathway and Thyroid Cancer Risk. <i>Thyroid</i> , 2009, 19, 1067-1075.	4.5	62
9	Macrocyclic copper(II) complexes: Superoxide scavenging activity, structural studies and cytotoxicity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 849-858.	3.5	60
10	Association of common variants in mismatch repair genes and breast cancer susceptibility: a multigene study. <i>BMC Cancer</i> , 2009, 9, 344.	2.6	58
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	Genetic effects and biotoxicity monitoring of occupational styrene exposure. <i>Clinica Chimica Acta</i> , 2009, 399, 8-23.	1.1	56
13	Increased levels of chromosomal aberrations and DNA damage in a group of workers exposed to formaldehyde. <i>Mutagenesis</i> , 2015, 30, 463-473.	2.6	53
14	Aromatic DNA adduct levels in coke oven workers: correlation with polymorphisms in genes GSTP1, GSTM1, GSTT1 and CYP1A1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 517, 147-155.	1.7	49
15	Population structure of <i>Pneumocystis jirovecii</i> isolated from immunodeficiency virus-positive patients. <i>Infection, Genetics and Evolution</i> , 2010, 10, 192-199.	2.3	49
16	Combined effects of glutathione S-transferase polymorphisms and thyroid cancer risk. <i>Cancer Genetics and Cytogenetics</i> , 2004, 151, 60-67.	1.0	42
17	Identification of relevant single-nucleotide polymorphisms in <i>Pneumocystis jirovecii</i> : relationship with clinical data. <i>Clinical Microbiology and Infection</i> , 2010, 16, 878-884.	6.0	41
18	Oxygen species and the genotoxicity of quercetin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 265, 75-81.	1.0	40

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19	Metabolism of galangin by rat cytochromes P450: relevance to the genotoxicity of galangin. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 393, 247-257.	1.7	40
20	Menopausal age and XRCC1 gene polymorphisms: Role in breast cancer risk. Cancer Detection and Prevention, 2007, 31, 303-309.	2.1	39
21	Biological assays and noncovalent interactions of pyridine-2-carbaldehyde thiosemicarbazonecopper(II) drugs with [poly(dAâ€“dT)] <sub>2</sub> , [poly(dGâ€“dC)] <sub>2</sub> , and calf thymus DNA. Journal of Biological Inorganic Chemistry, 2010, 15, 515-532.	2.6	39
22	Preparation of Organometallic Rutheniumâ€“Areneâ€“Diaminotriazine Complexes as Binding Agents to DNA. Chemistry - an Asian Journal, 2012, 7, 788-801.	3.3	36
23	Clinical Relevance of Multiple Single-Nucleotide Polymorphisms in Pneumocystis jirovecii Pneumonia: Development of a Multiplex PCR-Single-Base-Extension Methodology. Journal of Clinical Microbiology, 2011, 49, 1810-1815.	3.9	35
24	Association of Polymorphisms in ERCC2 Gene with Non-Familial Thyroid Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2407-2412.	2.5	34
25	GSTM1,GSTT1, andGSTP1 genotypes and the genotoxicity of hydroquinone in human lymphocytes. Environmental and Molecular Mutagenesis, 2004, 43, 258-264.	2.2	32
26	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. Mutagenesis, 2013, 28, 721-729.	2.6	32
27	Polymorphisms in base excision repair genes and thyroid cancer risk. Oncology Reports, 2012, 28, 1859-1868.	2.6	31
28	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.	1.7	29
29	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.	2.6	28
30	Induction of chromosomal aberrations by phenolic compounds: possible role of reactive oxygen species. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 540, 29-42.	1.7	27
31	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
32	Breast cancer risk and polymorphisms in genes involved in metabolism of estrogens (CYP17,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Ala/Ala in women that never breast fed. Oncology Reports, 2006, 16, 781-8.	2.6	27
33	Protective role of<i>ortho</i>-substituted Mn(III)<i>N</i>-alkylpyridylporphyrins against the oxidative injury induced by<i>tert</i>-butylhydroperoxide. Free Radical Research, 2010, 44, 430-440.	3.3	26
34	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.	5.3	25
35	Mechanisms of induction of chromosomal aberrations by hydroquinone in V79 cells. Mutagenesis, 2003, 18, 491-496.	2.6	24
36	Detection of Pneumocystis jirovecii dihydropteroate synthase polymorphisms in patients with Pneumocystis pneumonia. Scandinavian Journal of Infectious Diseases, 2005, 37, 766-771.	1.5	24

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37	The role of GSTA2 polymorphisms and haplotypes in breast cancer susceptibility: A case-control study in the Portuguese population. <i>Oncology Reports</i> , 2009, 22, 593-8.	2.6	24
38	Genotoxicity of instant coffee: possible involvement of phenolic compounds. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 442, 43-51.	1.7	22
39	Cytogenetic and DNA damage on workers exposed to styrene. <i>Mutagenesis</i> , 2010, 25, 617-621.	2.6	21
40	Structural requirements for mutagenicity of flavonoids upon nitrosation. A structure-activity study. <i>Mutagenesis</i> , 1995, 10, 325-328.	2.6	20
41	Cytotoxicity and chromosomal aberrations induced by acrylamide in V79 cells: Role of glutathione modulators. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 676, 87-92.	1.7	20
42	<i>Pneumocystis jirovecii</i> multilocus genotyping in pooled DNA samples: a new approach for clinical and epidemiological studies. <i>Clinical Microbiology and Infection</i> , 2012, 18, E177-E184.	6.0	20
43	DNA Damage and Susceptibility Assessment in Industrial Workers Exposed to Styrene. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 735-746.	2.3	19
44	Genotoxic Damage in Hospital Workers Exposed to Ionizing Radiation and Metabolic Gene Polymorphisms. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 934-946.	2.3	18
45	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. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 752, 1-7.	1.7	18
46	Mutagenic activity in the wine-making process: correlations with rutin and quercetin levels. <i>Mutagenesis</i> , 1990, 5, 393-396.	2.6	16
47	Genetic characterization of the UCS and Kex1 loci of <i>Pneumocystis jirovecii</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 175-178.	2.9	16
48	ACMA (9-amino-6-chloro-2-methoxy acridine) forms three complexes in the presence of DNA. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19534.	2.8	16
49	Genotoxic effect of exposure to metal(loid)s. A molecular epidemiology survey of populations living and working in Panasqueira mine area, Portugal. <i>Environment International</i> , 2013, 60, 163-170.	10.0	16
50	Genotoxicity of nitrosated red wine and of the nitrosatable phenolic compounds present in wine: Tyramine, quercetin and malvidine-3-glucoside. <i>Food and Chemical Toxicology</i> , 1993, 31, 989-994.	3.6	14
51	Mechanisms of myricetin mutagenicity in V79 cells: Involvement of radicalar species. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1996, 16, 253-268.	0.8	14
52	Stereochemical effects in the metabolic activation of nitrosopiperidines: correlations with genotoxicity. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 558, 45-51.	1.7	14
53	The role of CCNH Val270Ala (rs2230641) and other nucleotide excision repair polymorphisms in individual susceptibility to well-differentiated thyroid cancer. <i>Oncology Reports</i> , 2013, 30, 2458-2466.	2.6	14
54	Genotoxicity of instant coffee and of some phenolic compounds present in coffee upon nitrosation. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2000, 20, 241-249.	0.8	13

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55	Styrene-oxide N-terminal valine haemoglobin adducts in reinforced plastic workers: Possible influence of genetic polymorphism of drug-metabolising enzymes. <i>Toxicology</i> , 2007, 237, 58-64.	4.2	13
56	Development of pyridine-containing macrocyclic copper(II) complexes: potential role in the redox modulation of oxaliplatin toxicity in human breast cells. <i>Free Radical Research</i> , 2012, 46, 1157-1166.	3.3	13
57	Role of haemoglobin in the protection of cultured lymphocytes against diepoxybutane (DEB), assessed by in vitro induced chromosome breakage. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 536, 61-67.	1.7	12
58	Gold Nanoparticle Based Systems in Genetics. <i>Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics</i> , 2007, 5, 39-47.	0.3	10
59	DNA Polymorphisms as Modulators of Genotoxicity and Cancer. <i>Biological Chemistry</i> , 2002, 383, 923-32.	2.5	9
60	Styrene-oxide N-terminal valine haemoglobin adducts as biomarkers of occupational exposure to styrene. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 59-62.	4.3	7
61	8,15-Epoxyabdane and norabdane diterpenoids from <i>Eragrostis viscosa</i> . <i>Phytochemistry</i> , 2010, 71, 798-803.	2.9	7
62	Molluscicidal Activity of Compounds Isolated from <i>Euphorbia conspicua</i> N. E. Br. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1880-1887.	0.6	7
63	Genetic Polymorphisms in Detoxification and DNA Repair Genes and Susceptibility to Glycidamide-Induced DNA Damage. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 920-933.	2.3	7
64	Multiplex PCR single-base extension genotyping of multiple glutathione S-transferase polymorphisms. <i>Biotechnology and Applied Biochemistry</i> , 2005, 41, 9.	3.1	4
65	The role of foetal red blood cells in protecting cultured lymphocytes against diepoxybutane-induced chromosome breaks. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 603, 41-47.	1.7	4
66	The role of ERCC2 polymorphisms in breast cancer risk. <i>Cancer Genetics and Cytogenetics</i> , 2006, 170, 86-88.	1.0	4
67	Three new labdanes isolated from <i>Eragrostis viscosa</i> . <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1940-1950.	0.6	4
68	Dihydropteroate Synthase (DHPS) Genotyping by PCR-RFLP Analysis of <i>Pneumocystis jirovecii</i> Repeated Isolates from HIV-Infected Patients: A Preliminary Study. <i>Journal of Eukaryotic Microbiology</i> , 2003, 50, 607-608.	1.7	3
69	Normal red blood cells partially decrease diepoxybutane-induced chromosome breakage in cultured lymphocytes from Fanconi anaemia patients. <i>Cell Proliferation</i> , 2010, 43, 573-578.	5.3	1
70	SNPs/Pools: A methodology for the identification of relevant SNPs in breast cancer epidemiology. <i>Oncology Reports</i> , 2012, 27, 511-6.	2.6	1
71	Newneo-Clerodanes from <i>Tinnea antiscorbutica</i> Welv. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0