# Rommel RodrÃ-guez Burbano

List of Publications by Year
in descending order



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|---|---|---|---|
| 267 papers | 5,179 citations | 87888 38 h-index | 168389 53 g-index |
| 271 all docs | 271 docs citations | 271 times ranked | 7538 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Epigenetic mechanisms in gastric cancer. Epigenomics, 2012, 4, 279-294. | 2.1 | 106 |
| 2 | DNA and histone methylation in gastric carcinogenesis. World Journal of Gastroenterology, 2013, 19, 1182. | 3.3 | 98 |
| 3 | Cytogenetic damage related to low levels of methyl mercury contamination in the Brazilian Amazon. Anais Da Academia Brasileira De Ciencias, 2000, 72, 497-507. | 0.8 | 96 |
| 4 | MYC and gastric adenocarcinoma carcinogenesis. World Journal of Gastroenterology, 2008, 14, 5962. | 3.3 | 96 |
| 5 | Genotoxicity evaluation of kaurenoic acid, a bioactive diterpenoid present in Copaiba oil. Food and Chemical Toxicology, 2006, 44, 388-392. | 3.6 | 91 |
| 6 | Methylmercury genotoxicity: A novel effect in human cell lines of the central nervous system. Environment International, 2007, 33, 141-146. | 10.0 | 86 |
| 7 | Genotoxic effects of aluminum chloride in cultured human lymphocytes treated in different phases of cell cycle. Food and Chemical Toxicology, 2007, 45, 1154-1159. | 3.6 | 84 |
| 8 | MYC, FBXW7 and TP53 copy number variation and expression in Gastric Cancer. BMC Gastroenterology, 2013, 13, 141. | 2.0 | 80 |
| 9 | The role of piRNA and its potential clinical implications in cancer. Epigenomics, 2015, 7, 975-984. | 2.1 | 78 |
| 10 | MYC Deregulation in Gastric Cancer and Its Clinicopathological Implications. PLoS ONE, 2013, 8, e64420. | 2.5 | 77 |
| 11 | Interrelationship between chromosome 8 aneuploidy,C-MYCamplification and increased expression in individuals from northern Brazil with gastric adenocarcinoma. World Journal of Gastroenterology, 2006, 12, 6207. | 3.3 | 68 |
| 12 | Ultra-Deep Sequencing Reveals the microRNA Expression Pattern of the Human Stomach. PLoS ONE, 2010, 5, e13205. | 2.5 | 67 |
| 13 | Essential oils of Amazon Piper species and their cytotoxic, antifungal, antioxidant and anti-cholinesterase activities. Industrial Crops and Products, 2014, 58, 55-60. | 5.2 | 62 |
| 14 | Molecular analysis of oral bacteria in dental biofilm and atherosclerotic plaques of patients with vascular disease. International Journal of Cardiology, 2014, 174, 710-712. | 1.7 | 61 |
| 15 | The germline mutational landscape of BRCA1 and BRCA2 in Brazil. Scientific Reports, 2018, 8, 9188. | 3.3 | 61 |
| 16 | Current Perspectives on Circulating Tumor DNA, Precision Medicine, and Personalized Clinical Management of Cancer. Molecular Cancer Research, 2020, 18, 517-528. | 3.4 | 60 |
| 17 | Cytotoxicity and genotoxicity of low doses of mercury chloride and methylmercury chloride on human lymphocytes in vitro. Brazilian Journal of Medical and Biological Research, 2005, 38, 901-907. | 1.5 | 58 |
| 18 | Establishment and conventional cytogenetic characterization of three gastric cancer cell lines. Cancer Genetics and Cytogenetics, 2009, 195, 85-91. | 1.0 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Microarray analysis of gene expression in vestibular schwannomas reveals SPP1/MET signaling pathway and androgen receptor deregulation. International Journal of Oncology, 2013, 42, 848-862. | 3.3 | 57 |
| 20 | Genotoxic effects of aluminum, iron and manganese in human cells and experimental systems: A review of the literature. Human and Experimental Toxicology, 2011, 30, 1435-1444. | 2.2 | 56 |
| 21 | Prognostic and Predictive Significance of MYC and KRAS Alterations in Breast Cancer from Women Treated with Neoadjuvant Chemotherapy. PLoS ONE, 2013, 8, e60576. | 2.5 | 49 |
| 22 | C-MYC locus amplification as metastasis predictor in intestinal-type gastric adenocarcinomas: CGH study in Brazil. Anticancer Research, 2006, 26, 2909-14. | 1.1 | 48 |
| 23 | Interleukin-1Î² polymorphisms, Helicobacter pyloriinfection in individuals from Northern Brazil with gastric adenocarcinoma. Clinical and Experimental Medicine, 2004, 4, 93-98. | 3.6 | 47 |
| 24 | Apolipoprotein A1 gene polymorphisms as risk factors for hypertension and obesity. Clinical and Experimental Medicine, 2009, 9, 319-325. | 3.6 | 47 |
| 25 | Promoter hypermethylation ofCDH1,FHIT,MTAPandPLAGL1in gastric adenocarcinoma in individuals from Northern Brazil. World Journal of Gastroenterology, 2007, 13, 2568. | 3.3 | 45 |
| 26 | Association betweenHelicobacter pylori, Epstein-Barr virus, human papillomavirus and gastric adenocarcinomas. World Journal of Gastroenterology, 2018, 24, 4928-4938. | 3.3 | 45 |
| 27 | The anthelmintic drug mebendazole inhibits growth, migration and invasion in gastric cancer cell model. Toxicology in Vitro, 2015, 29, 2038-2044. | 2.4 | 44 |
| 28 | BET inhibition as a new strategy for the treatment of gastric cancer. Oncotarget, 2016, 7, 43997-44012. | 1.8 | 44 |
| 29 | Genotoxic and cytotoxic effects of manganese chloride in cultured human lymphocytes treated in different phases of cell cycle. Toxicology in Vitro, 2008, 22, 1032-1037. | 2.4 | 43 |
| 30 | Role of miRNAs and their potential to be useful as diagnostic and prognostic biomarkers in gastric cancer. World Journal of Gastroenterology, 2016, 22, 7951. | 3.3 | 43 |
| 31 | Aneuploidy of chromosome 8 and C-MYC amplification in individuals from northern Brazil with gastric adenocarcinoma. Anticancer Research, 2005, 25, 4069-74. | 1.1 | 43 |
| 32 | In vitro evaluation of the cytotoxic and genotoxic effects of artemether, an antimalarial drug, in a gastric cancer cell line (PG100). Journal of Applied Toxicology, 2013, 33, 151-156. | 2.8 | 42 |
| 33 | Epigenetic Field Cancerization in Gastric Cancer: microRNAs as Promising Biomarkers. Journal of Cancer, 2019, 10, 1560-1569. | 2.5 | 42 |
| 34 | The miRNA Profile of Platelets Stored in a Blood Bank and Its Relation to Cellular Damage from Storage. PLoS ONE, 2015, 10, e0129399. | 2.5 | 41 |
| 35 | Reference genes for quantitative RT-PCR data in gastric tissues and cell lines. World Journal of Gastroenterology, 2013, 19, 7121. | 3.3 | 41 |
| 36 | Interleukin-6 Polymorphisms, Helicobacter pylori Infection in Adult Brazilian Patients with Chronic Gastritis and Gastric Adenocarcinoma. Archives of Medical Research, 2007, 38, 551-555. | 3.3 | 40 |

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|---|---|---|---|
| 37 | YWHAE silencing induces cell proliferation, invasion and migration through the up-regulation of CDC25B and MYC in gastric cancer cells: new insights about YWHAE role in the tumor development and metastasis process. Oncotarget, 2016, 7, 85393-85410. | 1.8 | 40 |
| 38 | Prognostic value of TP53 Pro47Ser and Arg72Pro single nucleotide polymorphisms and the susceptibility to gliomas in individuals from Southeast Brazil. Genetics and Molecular Research, 2008, 7, 207-216. | 0.2 | 40 |
| 39 | hTERTmethylation and expression in gastric cancer. Biomarkers, 2009, 14, 630-636. | 1.9 | 39 |
| 40 | High-Throughput miRNA Sequencing Reveals a Field Effect in Gastric Cancer and Suggests an Epigenetic Network Mechanism. Bioinformatics and Biology Insights, 2015, 9, BBI.S24066. | 2.0 | 39 |
| 41 | SMARCA5Methylation and Expression in Gastric Cancer. Cancer Investigation, 2011, 29, 162-166. | 1.3 | 38 |
| 42 | Evaluation of the genotoxicity and mutagenicity of isoeleutherin and eleutherin isolated from Eleutherine plicata herb. using bioassays and in silico approaches. Arabian Journal of Chemistry, 2021, 14, 103084. | 4.9 | 38 |
| 43 | Interrelationship between MYC gene numerical aberrations and protein expression in individuals from northern Brazil with early gastric adenocarcinoma. Cancer Genetics and Cytogenetics, 2008, 181, 31-35. | 1.0 | 37 |
| 44 | MYC, TP53,and Chromosome 17 Copy-Number Alterations in Multiple Gastric Cancer Cell Lines and in Their Parental Primary Tumors. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8. | 3.0 | 36 |
| 45 | Occurrence of Helicobacter pyloriand Epstein-Barr virus infection in endoscopic and gastric cancer patients from Northern Brazil. BMC Gastroenterology, 2014, 14, 179. | 2.0 | 36 |
| 46 | Prevalence and clinical features of respiratory syncytial virus in children hospitalized for community-acquired pneumonia in northern Brazil. BMC Infectious Diseases, 2012, 12, 119. | 2.9 | 35 |
| 47 | Differential expression of histone deacetylase and acetyltransferase genes in gastric cancer and their modulation by trichostatin A. Tumor Biology, 2014, 35, 6373-6381. | 1.8 | 35 |
| 48 | hsa-miR-29candhsa-miR-135bdifferential expression as potential biomarker of gastric carcinogenesis. World Journal of Gastroenterology, 2016, 22, 2060. | 3.3 | 35 |
| 49 | The cosmetic dye quinoline yellow causes DNA damage in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 777, 54-61. | 1.7 | 34 |
| 50 | Clinical implication of 14-3-3 epsilon expression in gastric cancer. World Journal of Gastroenterology, 2012, 18, 1531. | 3.3 | 34 |
| 51 | hTERT, MYC and TP53 deregulation in gastric preneoplastic lesions. BMC Gastroenterology, 2012, 12, 85. | 2.0 | 33 |
| 52 | Deregulated Expression of SRC, LYN and CKB Kinases by DNA Methylation and Its Potential Role in Gastric Cancer Invasiveness and Metastasis. PLoS ONE, 2015, 10, e0140492. | 2.5 | 33 |
| 53 | Molecular biology as a tool for the treatment of cancer. Clinical and Experimental Medicine, 2018, 18, 457-464. | 3.6 | 32 |
| 54 | Structureâ€“mutagenicity relationship of kaurenoic acid from Xylopia sericeae (Annonaceae). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 701, 153-163. | 1.7 | 31 |

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|---|---|---|---|
| 55 | Survivin -31C/G polymorphism and gastric cancer risk in a Brazilian population. Clinical and Experimental Medicine, 2011, 11, 189-193. | 3.6 | 31 |
| 56 | ACE2 polymorphisms as potential players in COVID-19 outcome. PLoS ONE, 2020, 15, e0243887. | 2.5 | 31 |
| 57 | MYC insertions in diffuse-type gastric adenocarcinoma. Anticancer Research, 2009, 29, 2479-83. | 1.1 | 31 |
| 58 | Methylation status of ANAPC1, CDKN2A and TP53 promoter genes in individuals with gastric cancer. Brazilian Journal of Medical and Biological Research, 2008, 41, 539-543. | 1.5 | 30 |
| 59 | Global Profiling in Vestibular Schwannomas Shows Critical Deregulation of MicroRNAs and Upregulation in Those Included in Chromosomal Region 14q32. PLoS ONE, 2013, 8, e65868. | 2.5 | 30 |
| 60 | Homozygous deletion of TNFRSF4, TP73, PPAP2B and DPYD at 1p and PDCD5 at 19q identified by multiplex ligation-dependent probe amplification (MLPA) analysis in pediatric anaplastic glioma with questionable oligodendroglial component. Molecular Cytogenetics, 2014, 7, 1. | 0.9 | 30 |
| 61 | Effects on DNA repair in human lymphocytes exposed to the food dye tartrazine yellow. Anticancer Research, 2015, 35, 1465-74. | 1.1 | 30 |
| 62 | Numerical aberrations of chromosome 8 detected by conventional cytogenetics and fluorescence in situ hybridization in individuals from northern Brazil with gastric adenocarcinoma. Cancer Genetics and Cytogenetics, 2006, 169, 45-49. | 1.0 | 29 |
| 63 | The anticancer homeopathic composite "Canova Method" is not genotoxic for human lymphocytes in vitro. Genetics and Molecular Research, 2003, 2, 223-8. | 0.2 | 29 |
| 64 | Genetic variants in gastric cancer: Risks and clinical implications. Experimental and Molecular Pathology, 2017, 103, 101-111. | 2.1 | 28 |
| 65 | APC gene is modulated by hsa-miR-135b-5p in both diffuse and intestinal gastric cancer subtypes. BMC Cancer, 2018, 18, 1055. | 2.6 | 28 |
| 66 | Antidepressant and Antiaging Effects of AÃ§aÃ-(Euterpe oleracea Mart.) in Mice. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16. | 4.0 | 28 |
| 67 | Liquid biopsy provides new insights into gastric cancer. Oncotarget, 2018, 9, 15144-15156. | 1.8 | 28 |
| 68 | Human Papilloma Virus: Prevalence, distribution and predictive value to lymphatic metastasis in penile carcinoma. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2013, 39, 542-550. | 1.5 | 27 |
| 69 | Evaluation of inÂvivo and inÂvitro toxicological and genotoxic potential of aluminum chloride. Chemosphere, 2017, 175, 130-137. | 8.2 | 27 |
| 70 | Role of histone acetylation in gastric cancer: implications of dietetic compounds and clinical perspectives. Epigenomics, 2019, 11, 349-362. | 2.1 | 27 |
| 71 | Differential Proteomic Analysis of Noncardia Gastric Cancer from Individuals of Northern Brazil. PLoS ONE, 2012, 7, e42255. | 2.5 | 26 |
| 72 | Inhibition of DNA topoisomerase I activity and induction of apoptosis by thiazacridine derivatives. Toxicology and Applied Pharmacology, 2013, 268, 37-46. | 2.8 | 26 |

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|---|---|---|---|
| 73 | Reduced mRNA expression levels of MBD2 and MBD3 in gastric carcinogenesis. Tumor Biology, 2014, 35, 3447-3453. | 1.8 | 25 |
| 74 | Recurrent amplification of RTEL1 and ABCA13 and its synergistic effect associated with clinicopathological data of gastric adenocarcinoma. Molecular Cytogenetics, 2016, 9, 52. | 0.9 | 25 |
| 75 | Mutagenic and histopathological effects of hexavalent chromium in tadpoles of Lithobates catesbeianus (Shaw, 1802) (Anura, Ranidae). Ecotoxicology and Environmental Safety, 2018, 163, 400-407. | 6.0 | 25 |
| 76 | MiRNA Expression Profile for the Human Gastric Antrum Region Using Ultra-Deep Sequencing. PLoS ONE, 2014, 9, e92300. | 2.5 | 25 |
| 77 | MYC in gastric carcinoma and intestinal metaplasia of young adults. Cancer Genetics and Cytogenetics, 2010, 202, 63-66. | 1.0 | 24 |
| 78 | Experimental Gastric Carcinogenesis in Cebus apella Nonhuman Primates. PLoS ONE, 2011, 6, e21988. | 2.5 | 24 |
| 79 | Towards Therapeutic Alternatives for Mercury Neurotoxicity in the Amazon: Unraveling the Pre-Clinical Effects of the Superfruit AÃ§aÃ-(Euterpe oleracea, Mart.) as Juice for Human Consumption. Nutrients, 2019, 11, 2585. | 4.1 | 24 |
| 80 | Cytotoxic and genotoxic monitoring of sickle cell anaemia patients treated with hydroxyurea. Clinical and Experimental Medicine, 2006, 6, 33-37. | 3.6 | 23 |
| 81 | Effect of diterpenoid kaurenoic acid on genotoxicity and cell cycle progression in gastric cancer cell lines. Biomedicine and Pharmacotherapy, 2017, 89, 772-780. | 5.6 | 23 |
| 82 | Role for apolipoprotein E in neurodegeneration and mercury intoxication. Frontiers in Bioscience - Elite, 2018, 10, 229-241. | 1.8 | 23 |
| 83 | Polymorphisms of the TP53 codon 72 and WRN codon 1367 in individuals from Northern Brazil with gastric adenocarcinoma. Clinical and Experimental Medicine, 2005, 5, 161-168. | 3.6 | 22 |
| 84 | c -MYC amplification and expression in astrocytic tumors. Acta Neuropathologica, 2008, 116, 87-95. | 7.7 | 22 |
| 85 | Conventional cytogenetic characterization of a new cell line, ACP01, established from a primary human gastric tumor. Brazilian Journal of Medical and Biological Research, 2004, 37, 1831-1838. | 1.5 | 21 |
| 86 | Low frequency of human papillomavirus detection in prostate tissue from individuals from Northern Brazil. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 665-667. | 1.6 | 21 |
| 87 | Association of PPARÎ± gene polymorphisms and lipid serum levels in a Brazilian elderly population. Experimental and Molecular Pathology, 2010, 88, 197-201. | 2.1 | 21 |
| 88 | Cytogenetic characterization and evaluation of c-MYC gene amplification in PG100, a new Brazilian gastric cancer cell line. Brazilian Journal of Medical and Biological Research, 2010, 43, 717-721. | 1.5 | 21 |
| 89 | Studies of micronuclei and other nuclear abnormalities in red blood cells of Colossoma macropomum exposed to methylmercury. Genetics and Molecular Biology, 2011, 34, 694-697. | 1.3 | 21 |
| 90 | Lymphocyte proliferation stimulated by activated human macrophages treated with Canova. Homeopathy, 2009, 98, 45-48. | 1.0 | 20 |

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|---|---|---|---|
| 91 | The Micronucleus Assay in Fish Species as an Important Tool for Xenobiotic Exposure Risk Assessmentâ€"A Brief Review and an Example Using Neotropical Fish Exposed To Methylmercury. Reviews in Fisheries Science, 2009, 17, 478-484. | 2.1 | 20 |
| 92 | High-Throughput Sequencing of miRNAs Reveals a Tissue Signature in Gastric Cancer and Suggests Novel Potential Biomarkers. Bioinformatics and Biology Insights, 2015, 9s1, BBI.S23773. | 2.0 | 20 |
| 93 | Interrelationship between TP53gene deletion, protein expression and chromosome 17 aneusomy in gastric adenocarcinoma. BMC Gastroenterology, 2009, 9, 55. | 2.0 | 19 |
| 94 | In vitro evaluation of the genotoxic and cytotoxic effects of artesunate, an antimalarial drug, in human lymphocytes. Environmental and Molecular Mutagenesis, 2011, 52, 590-594. | 2.2 | 19 |
| 95 | An update on the epigenetics of glioblastomas. Epigenomics, 2016, 8, 1289-1305. | 2.1 | 19 |
| 96 | Cancer Type-Specific Epigenetic Changes: Gastric Cancer. Methods in Molecular Biology, 2015, 1238, 79-101. | 0.9 | 19 |
| 97 | APOA1/A5Variants and Haplotypes as a Risk Factor for Obesity and Better Lipid Profiles in a Brazilian Elderly Cohort. Lipids, 2010, 45, 511-517. | 1.7 | 18 |
| 98 | Analysis of the methylation patterns of the p16 INK4A , p15 INK4B , and APC genes in gastric adenocarcinoma patients from a Brazilian population. Tumor Biology, 2013, 34, 2127-2133. | 1.8 | 18 |
| 99 | Genetic screening analysis of patients with hereditary diffuse gastric cancer from northern and northeastern Brazil. Hereditary Cancer in Clinical Practice, 2014, 12, 18. | 1.5 | 18 |
| 100 | Global expression profile in low grade meningiomas and schwannomas shows upregulation of PDGFD, CDH1 and SLIT2 compared to their healthy tissue. Oncology Reports, 2014, 32, 2327-2334. | 2.6 | 18 |
| 101 | Identification of suitable reference genes for miRNA expression normalization in gastric cancer. Gene, 2017, 621, 59-68. | 2.2 | 18 |
| 102 | Mebendazole induces apoptosis via C-MYC inactivation in malignant ascites cell line (AGP01). Toxicology in Vitro, 2019, 60, 305-312. | 2.4 | 18 |
| 103 | Gastric Cancer Microbiome. Pathobiology, 2021, 88, 156-169. | 3.8 | 18 |
| 104 | Cytogenetics of Epithelial Hyperplasias of the Human Breast. Cancer Genetics and Cytogenetics, 2000, 119, 62-66. | 1.0 | 17 |
| 105 | Genomic alterations in diffuse-type gastric cancer as shown by high-resolution comparative genomic hybridization. Cancer Genetics and Cytogenetics, 2009, 190, 1-7. | 1.0 | 17 |
| 106 | Cytogenetic biomonitoring of inhabitants of a large uranium mineralization area: the municipalities of Monte Alegre, Prainha, and Alenquer, in the State of ParÃ¡, Brazil. Cell Biology and Toxicology, 2010, 26, 403-419. | 5.3 | 17 |
| 107 | Insulin-like growth factor binding protein-3 gene methylation and protein expression in gastric adenocarcinoma. Growth Hormone and IGF Research, 2010, 20, 234-238. | 1.1 | 17 |
| 108 | Deregulated expression of annexin-A2 and galectin-3 is associated with metastasis in gastric cancer patients. Clinical and Experimental Medicine, 2015, 15, 415-420. | 3.6 | 17 |

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|---|---|---|---|
| 109 | Residual risk of transmission of human immunodeficiency virus and hepatitis C virus infections by blood transfusion in northern Brazil. Transfusion, 2017, 57, 1968-1976. | 1.6 | 17 |
| 110 | Analysis of 8q24.21 miRNA cluster expression and copy number variation in gastric cancer. Future Medicinal Chemistry, 2019, 11, 947-958. | 2.3 | 17 |
| 111 | Frequency of Werner helicase 1367 polymorphism and age-related morbidity in an elderly Brazilian population. Brazilian Journal of Medical and Biological Research, 2005, 38, 1053-1059. | 1.5 | 17 |
| 112 | Aneuploidy of chromosome 8 detected by fluorescence in situ hybridisation in ACP01 cell line gastric adenocarcinoma. Clinical and Experimental Medicine, 2006, 6, 129-133. | 3.6 | 16 |
| 113 | WRN Cys1367Arg SNP is not associated with risk and prognosis of gliomas in Southeast Brazil. Journal of Neuro-Oncology, 2008, 90, 253-258. | 2.9 | 16 |
| 114 | A novel o-naphtoquinone inhibits N-cadherin expression and blocks melanoma cell invasion via AKT signaling. Toxicology in Vitro, 2013, 27, 2076-2083. | 2.4 | 16 |
| 115 | Deregulated expression of Nucleophosmin 1 in gastric cancer and its clinicopathological implications. BMC Gastroenterology, 2014, 14, 9. | 2.0 | 16 |
| 116 | MicroRNAs as a Potential Quality Measurement Tool of Platelet Concentrate Stored in Blood Banksâ€"A Review. Cells, 2019, 8, 1256. | 4.1 | 16 |
| 117 | The protective effect of Canova homeopathic medicine in cyclophosphamide-treated non-human primates. Food and Chemical Toxicology, 2012, 50, 4412-4420. | 3.6 | 15 |
| 118 | Association of the rs7903146 and rs12255372 polymorphisms in the TCF7L2 gene with type 2 diabetes in a population from northeastern Brazil. Genetics and Molecular Research, 2014, 13, 7889-7898. | 0.2 | 15 |
| 119 | MYC Amplification as a Predictive Factor of Complete Pathologic Response to Docetaxel-based Neoadjuvant Chemotherapy for Breast Cancer. Clinical Breast Cancer, 2017, 17, 188-194. | 2.4 | 15 |
| 120 | BMP8B Is a Tumor Suppressor Gene Regulated by Histone Acetylation in Gastric Cancer. Journal of Cellular Biochemistry, 2017, 118, 869-877. | 2.6 | 15 |
| 121 | GEJ cancers: gastric or esophageal tumors? searching for the answer according to molecular identity. Oncotarget, 2017, 8, 104286-104294. | 1.8 | 15 |
| 122 | Oral and oropharyngeal diffuse large B-cell lymphoma and high-grade B-cell lymphoma: A clinicopathologic and prognostic study of 69 cases. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 452-462.e4. | 0.4 | 15 |
| 123 | Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. Molecules, 2014, 19, 6651-6670. | 3.8 | 14 |
| 124 | Genomeâ€wide methylation analysis in vestibular schwannomas shows putative mechanisms of gene expression modulation and global hypomethylation at the HOX gene cluster. Genes Chromosomes and Cancer, 2015, 54, 197-209. | 2.8 | 14 |
| 125 | Whole exome sequencing in a case of sporadic multiple meningioma reveals shared NF2, FAM109B, and TPRXL mutations, together with unique SMARCB1 alterations in a subset of tumor nodules. Cancer Genetics, 2015, 208, 327-332. | 0.4 | 14 |
| 126 | Deregulation of MYC and TP53 through genetic and epigenetic alterations in gallbladder carcinomas. Clinical and Experimental Medicine, 2015, 15, 421-426. | 3.6 | 14 |

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|---|---|---|---|
| 127 | The impact of DNA demethylation on the upregulation of the NRN1 and TNFAIP3 genes associated with advanced gastric cancer. Journal of Molecular Medicine, 2020, 98, 707-717. | 3.9 | 14 |
| 128 | Prohibitin Expression Deregulation in Gastric Cancer Is Associated with the 3â€² Untranslated Region 1630 C>T Polymorphism and Copy Number Variation. PLoS ONE, 2014, 9, e98583. | 2.5 | 14 |
| 129 | Expression Analysis of Genes Involved in the RB/E2F Pathway in Astrocytic Tumors. PLoS ONE, 2015, 10, e0137259. | 2.5 | 14 |
| 130 | Synthesis and Biological Evaluation of Novel 6-Hydroxy-benzo[d][1,3]oxathiol-2-one Schiff Bases as Potential Anticancer Agents. Molecules, 2015, 20, 1968-1983. | 3.8 | 13 |
| 131 | Composition and cytotoxic and antioxidant activities of the oil of Piper aequale Vahl. Lipids in Health and Disease, 2016, 15, 174. | 3.0 | 13 |
| 132 | CDKN1A histone acetylation and gene expression relationship in gastric adenocarcinomas. Clinical and Experimental Medicine, 2017, 17, 121-129. | 3.6 | 13 |
| 133 | <scp>PTEN</scp> allelic loss is an important mechanism in the late stage of development of oral leucoplakia into oral squamous cell carcinoma. Histopathology, 2018, 72, 330-338. | 2.9 | 13 |
| 134 | The Complex Network between MYC Oncogene and microRNAs in Gastric Cancer: An Overview. International Journal of Molecular Sciences, 2020, 21, 1782. | 4.1 | 13 |
| 135 | Identification ofIL11RAandMELKamplification in gastric cancer by comprehensive genomic profiling of gastric cancer cell lines. World Journal of Gastroenterology, 2016, 22, 9506. | 3.3 | 13 |
| 136 | Genotoxic and cytotoxic effects of iron sulfate in cultured human lymphocytes treated in different phases of cell cycle. Toxicology in Vitro, 2008, 22, 723-729. | 2.4 | 12 |
| 137 | What gastric cancer proteomic studies show about gastric carcinogenesis?. Tumor Biology, 2016, 37, 9991-10010. | 1.8 | 12 |
| 138 | Mebendazole, an antiparasitic drug, inhibits drug transporters expression in preclinical model of gastric peritoneal carcinomatosis. Toxicology in Vitro, 2017, 43, 87-91. | 2.4 | 12 |
| 139 | Deregulation of the SRC Family Tyrosine Kinases in Gastric Carcinogenesis in Non-human Primates. Anticancer Research, 2018, 38, 6317-6320. | 1.1 | 12 |
| 140 | Small benzothiazole molecule induces apoptosis and prevents metastasis through DNA interaction and c-MYC gene supression in diffuse-type gastric adenocarcinoma cell line. Chemico-Biological Interactions, 2018, 294, 118-127. | 4.0 | 12 |
| 141 | Effect of the kaurenoic acid on genotoxicity and cell cycle progression in cervical cancer cells lines. Toxicology in Vitro, 2019, 57, 126-131. | 2.4 | 12 |
| 142 | Differential expression analysis and profiling of hepatic miRNA and isomiRNA in dengue hemorrhagic fever. Scientific Reports, 2021, 11, 5554. | 3.3 | 12 |
| 143 | Molecular study of the tumour suppressor gene PTEN in gastric adenocarcinoma in Brazil. Clinical and Experimental Medicine, 2005, 5, 129-132. | 3.6 | 11 |
| 144 | Lymphocyte proliferation stimulated by activated Cebus apella macrophages treated with a complex homeopathic immune response modifiers. Homeopathy, 2012, 101, 74-79. | 1.0 | 11 |

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|---|---|---|---|
| 145 | Short Communication Association of APOA1 and APOA5 polymorphisms and haplotypes with lipid parameters in a Brazilian elderly cohort. Genetics and Molecular Research, 2013, 12, 3495-3499. | 0.2 | 11 |
| 146 | The adjacent to tumor sample trap. Gastric Cancer, 2016, 19, 1024-1025. | 5.3 | 11 |
| 147 | Gastric Cancer Cell Lines Have DifferentMYC-Regulated Expression Patterns but Share a Common Core of Altered Genes. Canadian Journal of Gastroenterology and Hepatology, 2018, 2018, 1-14. | 1.9 | 11 |
| 148 | Differential Expression Profile of MicroRNAs During Prolonged Storage of Platelet Concentrates As a Quality Measurement Tool in Blood Banks. OMICS A Journal of Integrative Biology, 2018, 22, 653-664. | 2.0 | 11 |
| 149 | Zika structural genes determine the virulence of African and Asian lineages. Emerging Microbes and Infections, 2020, 9, 1023-1033. | 6.5 | 11 |
| 150 | Association study of an epidermal growth factor gene functional polymorphism with the risk and prognosis of gliomas in Brazil. International Journal of Biological Markers, 2009, 24, 277-281. | 1.8 | 11 |
| 151 | Environmental biomonitoring using cytogenetic endpoints in a population exposed to mercury in the Brazilian Amazon. Environmental and Molecular Mutagenesis, 2004, 44, 346-349. | 2.2 | 10 |
| 152 | Interrelationships among chromosome aneuploidy, promoter hypermethylation, and protein expression of the CDKN2A gene in individuals from northern Brazil with gastric adenocarcinoma. Cancer Genetics and Cytogenetics, 2007, 179, 45-51. | 1.0 | 10 |
| 153 | Prognostic value of the TP53 Arg72Pro single-nucleotide polymorphism and susceptibility to medulloblastoma in a cohort of Brazilian patients. Journal of Neuro-Oncology, 2012, 110, 49-57. | 2.9 | 10 |
| 154 | Association of COX2 gene hypomethylation with intestinal type gastric cancer in samples of patients from northern Brazil. Tumor Biology, 2014, 35, 1107-1111. | 1.8 | 10 |
| 155 | Prevalence of CCR5-Î”32 and CCR2-V64I polymorphisms in a mixed population from northeastern Brazil. Genetics and Molecular Research, 2015, 14, 11710-11718. | 0.2 | 10 |
| 156 | HPV positive, wild type TP53, and p16 overexpression correlate with the absence of residual tumors after chemoradiotherapy in anal squamous cell carcinoma. BMC Gastroenterology, 2018, 18, 30. | 2.0 | 10 |
| 157 | Human pegivirus (HPgV, GBV-C) RNA in volunteer blood donors from a public hemotherapy service in Northern Brazil. Virology Journal, 2020, 17, 153. | 3.4 | 10 |
| 158 | Frequency of the Loss of Heterozygosity of the NF2 Gene in Sporadic Spinal Schwannomas. Anticancer Research, 2018, 38, 2149-2154. | 1.1 | 10 |
| 159 | <scp>TP53</scp> mutations in astrocytic gliomas: an association with histological grade, <scp>TP53</scp> codon 72 polymorphism and p53 expression. Apmis, 2012, 120, 882-889. | 2.0 | 9 |
| 160 | Prevalence, incidence and residual risk of transfusion-transmitted HBV infection before and after the implementation of HBV-NAT in northern Brazil. PLoS ONE, 2018, 13, e0208414. | 2.5 | 9 |
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