# Mariana Ferreira Leal

## List of Publications by Citations



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|---|---|---|---|
| 79 papers | 1,622 citations | 24 h-index | 35 g-index |
| 80 ext. papers | 1,774 ext. citations | 3.8 avg, IF | 3.92 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 79 | MYC and gastric adenocarcinoma carcinogenesis. *World Journal of Gastroenterology*, **2008**, 14, 5962-8 | 5.6 | 89 |
| 78 | Promoter methylation analysis of SIRT3, SMARCA5, HTERT and CDH1 genes in aging and Alzheimer\'s disease. *Journal of Alzheimer\'s Disease*, **2008**, 13, 173-6 | 4.3 | 71 |
| 77 | MYC, FBXW7 and TP53 copy number variation and expression in gastric cancer. *BMC Gastroenterology*, **2013**, 13, 141 | 3 | 70 |
| 76 | MYC deregulation in gastric cancer and its clinicopathological implications. *PLoS ONE*, **2013**, 8, e64420 | 3.7 | 67 |
| 75 | Interrelationship between chromosome 8 aneuploidy, C-MYC amplification and increased expression in individuals from northern Brazil with gastric adenocarcinoma. *World Journal of Gastroenterology*, **2006**, 12, 6207-11 | 5.6 | 63 |
| 74 | Establishment and conventional cytogenetic characterization of three gastric cancer cell lines. *Cancer Genetics and Cytogenetics*, **2009**, 195, 85-91 | | 50 |
| 73 | C-MYC locus amplification as metastasis predictor in intestinal-type gastric adenocarcinomas: CGH study in Brazil. *Anticancer Research*, **2006**, 26, 2909-14 | 2.3 | 46 |
| 72 | Promoter hypermethylation of CDH1, FHIT, MTAP and PLAGL1 in gastric adenocarcinoma in individuals from Northern Brazil. *World Journal of Gastroenterology*, **2007**, 13, 2568-74 | 5.6 | 43 |
| 71 | Aneuploidy of chromosome 8 and C-MYC amplification in individuals from northern Brazil with gastric adenocarcinoma. *Anticancer Research*, **2005**, 25, 4069-74 | 2.3 | 41 |
| 70 | Role of miRNAs and their potential to be useful as diagnostic and prognostic biomarkers in gastric cancer. *World Journal of Gastroenterology*, **2016**, 22, 7951-62 | 5.6 | 40 |
| 69 | Prognostic and predictive significance of MYC and KRAS alterations in breast cancer from women treated with neoadjuvant chemotherapy. *PLoS ONE*, **2013**, 8, e60576 | 3.7 | 38 |
| 68 | Interrelationship between MYC gene numerical aberrations and protein expression in individuals from northern Brazil with early gastric adenocarcinoma. *Cancer Genetics and Cytogenetics*, **2008**, 181, 31-5 | | 35 |
| 67 | Reference genes for quantitative RT-PCR data in gastric tissues and cell lines. *World Journal of Gastroenterology*, **2013**, 19, 7121-8 | 5.6 | 35 |
| 66 | 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, 631268 | | 34 |
| 65 | hTERT methylation and expression in gastric cancer. *Biomarkers*, **2009**, 14, 630-6 | 2.6 | 34 |
| 64 | Clinical implication of 14-3-3 epsilon expression in gastric cancer. *World Journal of Gastroenterology* , **2012**, 18, 1531-7 | 5.6 | 33 |
| 63 | SMARCA5 methylation and expression in gastric cancer. *Cancer Investigation*, **2011**, 29, 162-6 | 2.1 | 32 |

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| 62 | hTERT, MYC and TP53 deregulation in gastric preneoplastic lesions. *BMC Gastroenterology*, **2012**, 12, 85 | 3 | 30 |
| 61 | MYC insertions in diffuse-type gastric adenocarcinoma. *Anticancer Research*, **2009**, 29, 2479-83 | 2.3 | 30 |
| 60 | Occurrence of Helicobacter pylori and Epstein-Barr virus infection in endoscopic and gastric cancer patients from Northern Brazil. *BMC Gastroenterology*, **2014**, 14, 179 | 3 | 29 |
| 59 | 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 | 3.3 | 28 |
| 58 | Differential expression of histone deacetylase and acetyltransferase genes in gastric cancer and their modulation by trichostatin A. *Tumor Biology*, **2014**, 35, 6373-81 | 2.9 | 26 |
| 57 | 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 | 3.7 | 25 |
| 56 | 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, 45-9 | | 25 |
| 55 | Genetic variants in gastric cancer: Risks and clinical implications. *Experimental and Molecular Pathology*, **2017**, 103, 101-111 | 4.4 | 23 |
| 54 | Reduced mRNA expression levels of MBD2 and MBD3 in gastric carcinogenesis. *Tumor Biology*, **2014**, 35, 3447-53 | 2.9 | 23 |
| 53 | Differential proteomic analysis of noncardia gastric cancer from individuals of northern Brazil. *PLoS ONE*, **2012**, 7, e42255 | 3.7 | 23 |
| 52 | Experimental gastric carcinogenesis in Cebus apella nonhuman primates. *PLoS ONE*, **2011**, 6, e21988 | 3.7 | 23 |
| 51 | MYC in gastric carcinoma and intestinal metaplasia of young adults. *Cancer Genetics and Cytogenetics*, **2010**, 202, 63-6 | | 23 |
| 50 | Identification of Suitable Reference Genes for Investigating Gene Expression in Anterior Cruciate Ligament Injury by Using Reverse Transcription-Quantitative PCR. *PLoS ONE*, **2015**, 10, e0133323 | 3.7 | 21 |
| 49 | Interrelationship between TP53 gene deletion, protein expression and chromosome 17 aneusomy in gastric adenocarcinoma. *BMC Gastroenterology*, **2009**, 9, 55 | 3 | 18 |
| 48 | Genomic alterations in diffuse-type gastric cancer as shown by high-resolution comparative genomic hybridization. *Cancer Genetics and Cytogenetics*, **2009**, 190, 1-7 | | 17 |
| 47 | DNA mismatch repair gene methylation in gastric cancer in individuals from northern Brazil. *Biocell*, **2008**, 32, 237-243 | 1.9 | 17 |
| 46 | Role of histone acetylation in gastric cancer: implications of dietetic compounds and clinical perspectives. *Epigenomics*, **2019**, 11, 349-362 | 4.4 | 16 |
| 45 | Deregulated expression of annexin-A2 and galectin-3 is associated with metastasis in gastric cancer patients. *Clinical and Experimental Medicine*, **2015**, 15, 415-20 | 4.9 | 16 |

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| 44 | Insulin-like growth factor binding protein-3 gene methylation and protein expression in gastric adenocarcinoma. *Growth Hormone and IGF Research*, **2010**, 20, 234-8 | 2 | 16 |
| 43 | Effect of diterpenoid kaurenoic acid on genotoxicity and cell cycle progression in gastric cancer cell lines. *Biomedicine and Pharmacotherapy*, **2017**, 89, 772-780 | 7.5 | 15 |
| 42 | Epigenetic regulation of metalloproteinases and their inhibitors in rotator cuff tears. *PLoS ONE*, **2017**, 12, e0184141 | 3.7 | 15 |
| 41 | Lymphocyte proliferation stimulated by activated human macrophages treated with Canova. *Homeopathy*, **2009**, 98, 45-8 | 1.4 | 15 |
| 40 | Low frequency of human papillomavirus detection in prostate tissue from individuals from Northern Brazil. *Memorias Do Instituto Oswaldo Cruz*, **2009**, 104, 665-7 | 2.6 | 15 |
| 39 | Aneuploidy of chromosome 8 detected by fluorescence in situ hybridisation in ACP01 cell line gastric adenocarcinoma. *Clinical and Experimental Medicine*, **2006**, 6, 129-33 | 4.9 | 15 |
| 38 | The roles of Tenascin C and Fibronectin 1 in adhesive capsulitis: a pilot gene expression study. *Clinics*, **2016**, 71, 325-31 | 2.3 | 15 |
| 37 | Identification of suitable reference genes for miRNA expression normalization in gastric cancer. *Gene*, **2017**, 621, 59-68 | 3.8 | 14 |
| 36 | Identification of suitable reference genes for gene expression studies in tendons from patients with rotator cuff tear. *PLoS ONE*, **2015**, 10, e0118821 | 3.7 | 14 |
| 35 | Deregulated expression of Nucleophosmin 1 in gastric cancer and its clinicopathological implications. *BMC Gastroenterology*, **2014**, 14, 9 | 3 | 13 |
| 34 | Prohibitin expression deregulation in gastric cancer is associated with the 3Ѵuntranslated region 1630 C>T polymorphism and copy number variation. *PLoS ONE*, **2014**, 9, e98583 | 3.7 | 13 |
| 33 | Rotator Cuff Tear Susceptibility Is Associated With Variants in Genes Involved in Tendon Extracellular Matrix Homeostasis. *Journal of Orthopaedic Research*, **2020**, 38, 192-201 | 3.8 | 13 |
| 32 | DNA mismatch repair gene methylation in gastric cancer in individuals from northern Brazil. *Biocell*, **2008**, 32, 237-43 | 1.9 | 13 |
| 31 | Comprehensive selection of reference genes for expression studies in meniscus injury using quantitative real-time PCR. *Gene*, **2016**, 584, 60-68 | 3.8 | 12 |
| 30 | Analysis of 8q24.21 miRNA cluster expression and copy number variation in gastric cancer. *Future Medicinal Chemistry*, **2019**, 11, 947-958 | 4.1 | 12 |
| 29 | 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 | 3 | 11 |
| 28 | Identification of suitable reference genes for gene expression studies of shoulder instability. *PLoS ONE*, **2014**, 9, e105002 | 3.7 | 11 |
| 27 | CDKN1A histone acetylation and gene expression relationship in gastric adenocarcinomas. *Clinical and Experimental Medicine*, **2017**, 17, 121-129 | 4.9 | 10 |

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| 26 | Deregulation of MYC and TP53 through genetic and epigenetic alterations in gallbladder carcinomas. *Clinical and Experimental Medicine*, **2015**, 15, 421-6 | 4.9 | 10 |
| 25 | BMP8B Is a Tumor Suppressor Gene Regulated by Histone Acetylation in Gastric Cancer. *Journal of Cellular Biochemistry*, **2017**, 118, 869-877 | 4.7 | 10 |
| 24 | Gene expression analysis in patients with traumatic anterior shoulder instability suggests deregulation of collagen genes. *Journal of Orthopaedic Research*, **2014**, 32, 1311-6 | 3.8 | 10 |
| 23 | What gastric cancer proteomic studies show about gastric carcinogenesis?. *Tumor Biology*, **2016**, 37, 9991-10010 | 2.9 | 10 |
| 22 | The Complex Network between MYC Oncogene and microRNAs in Gastric Cancer: An Overview. *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 9 |
| 21 | The protective effect of Canova homeopathic medicine in cyclophosphamide-treated non-human primates. *Food and Chemical Toxicology*, **2012**, 50, 4412-20 | 4.7 | 9 |
| 20 | Lymphocyte proliferation stimulated by activated Cebus apella macrophages treated with a complex homeopathic immune response modifiers. *Homeopathy*, **2012**, 101, 74-9 | 1.4 | 9 |
| 19 | Identification of and amplification in gastric cancer by comprehensive genomic profiling of gastric cancer cell lines. *World Journal of Gastroenterology*, **2016**, 22, 9506-9514 | 5.6 | 9 |
| 18 | Changes in the expression of matrix extracellular genes and TGFB family members in rotator cuff tears. *Journal of Orthopaedic Research*, **2018**, 36, 2542-2553 | 3.8 | 8 |
| 17 | Expression analysis of genes involved in collagen cross-linking and its regulation in traumatic anterior shoulder instability. *Journal of Orthopaedic Research*, **2016**, 34, 510-7 | 3.8 | 8 |
| 16 | Protective effect of prolactin against methylmercury-induced mutagenicity and cytotoxicity on human lymphocytes. *International Journal of Environmental Research and Public Health*, **2014**, 11, 9822-34 | 4.6 | 7 |
| 15 | hTERT and TP53 deregulation in intestinal-type gastric carcinogenesis in non-human primates. *Clinical and Experimental Medicine*, **2013**, 13, 221-4 | 4.9 | 7 |
| 14 | Early Enrichment of ESR1 Mutations and the Impact on Gene Expression in Presurgical Primary Breast Cancer Treated with Aromatase Inhibitors. *Clinical Cancer Research*, **2019**, 25, 7485-7496 | 12.9 | 7 |
| 13 | Genetic variants involved in extracellular matrix homeostasis play a role in the susceptibility to frozen shoulder: A case-control study. *Journal of Orthopaedic Research*, **2019**, 37, 948-956 | 3.8 | 6 |
| 12 | Perfil de expressão de genes do colágeno na cápsula glenoumeral de pacientes com instabilidade traumática anterior do ombro. *Revista Brasileira De Ortopedia*, **2014**, 49, 642-646 | 0.5 | 6 |
| 11 | 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 | 5.5 | 5 |
| 10 | Profile of collagen gene expression in the glenohumeral capsule of patients with traumatic anterior instability of the shoulder. *Revista Brasileira De Ortopedia*, **2014**, 49, 642-6 | | 4 |
| 9 | Investigation of chromosome 21 aneuploidies in breast fibroadenomas by fluorescence in situ hybridisation. *Clinical and Experimental Medicine*, **2006**, 6, 166-70 | 4.9 | 4 |

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| 8 | Differential expression of extracellular matrix genes in glenohumeral capsule of shoulder instability patients. *Connective Tissue Research*, **2016**, 57, 290-8 | 3.3 | 3 |
| 7 | The potential European genetic predisposition for non-contact anterior cruciate ligament injury. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2018**, 26, 3532-3536 | 5.5 | 2 |
| 6 | Comparison of protein expression between formalin-fixed core-cut biopsies and surgical excision specimens using a novel multiplex approach. *Breast Cancer Research and Treatment*, **2019**, 175, 317-326 | 4.4 | 1 |
| 5 | Chromosome Instability in Carcinomas. *International Journal of Morphology*, **2006**, 24, 335 | 0.5 | 1 |
| 4 | Genetic Aspects in Shoulder Disorders. *Revista Brasileira De Ortopedia*, **2020**, 55, 537-542 | 0.5 | 1 |
| 3 | Differential regulation of in gastric cancer by DNA methylation. *Epigenetics*, **2021**, 1-7 | 5.7 | 0 |
| 2 | Genetics of the Unstable Shoulder **2017**, 15-19 | | |
| 1 | Genetics in Rotator Cuff Tears: First Steps to the Future **2019**, 43-46 | | |