# Joana Barbosa Melo

List of Publications by Year
in descending order

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|---|---|---|---|
| 88<br>papers | 1,684<br>citations | 304368<br>22<br>h-index | 315357<br>38<br>g-index |
| 90<br>all docs | 90<br>docs citations | 90<br>times ranked | 3116<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Somatic homozygous loss of SH2B3, and a non-Robertsonian translocation t(15;21)(q25.3;q22.1) with NTRK3 rearrangement, in an adolescent with progenitor B-cell acute lymphoblastic leukemia with the iAMP21. Cancer Genetics, 2022, 262-263, 16-22. | 0.2 | 0 |
| 2 | Targeted liposomal doxorubicin/ceramides combinations: The importance to assess the nature of drug interaction beyond bulk tumor cells. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 61-77. | 2.0 | 2 |
| 3 | Cytogenomic Analysis of Long-Term Epilepsy-Associated Tumors Using an Array-Based CGH Strategy. Cytogenetic and Genome Research, 2022, 162, 28-33. | 0.6 | 0 |
| 4 | Nucleolin Overexpression Predicts Patient Prognosis While Providing a Framework for Targeted Therapeutic Intervention in Lung Cancer. Cancers, 2022, 14, 2217. | 1.7 | 7 |
| 5 | T and genetic variations between Asian and Caucasian polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2021, 105, 1716-1723. | 2.1 | 8 |
| 6 | Development of a Genotype Assay for Age-Related Macular Degeneration. Ophthalmology, 2021, 128, 1604-1617. | 2.5 | 38 |
| 7 | Basal cell carcinomas of the scalp after radiotherapy for tinea capitis in childhood: A genetic and epigenetic study with comparison with basal cell carcinomas evolving in chronically sunâ€exposed areas. Experimental Dermatology, 2021, 30, 1126-1134. | 1.4 | 5 |
| 8 | Multiple Basal Cell Carcinomas of the Scalp After Radiotherapy: Genomic Study in a Case With Latency Period Over 80 Years. American Journal of Dermatopathology, 2021, 43, 438-442. | 0.3 | 1 |
| 9 | Cancro da CabeÃ§a e PescoÃ§o: Aspectos Particulares do Cancro Oral. , 2021, , . | | 0 |
| 10 | Liquid Biopsies: Applications for Cancer Diagnosis and Monitoring. Genes, 2021, 12, 349. | 1.0 | 93 |
| 11 | Genomic characterisation of multiple myeloma: study of a Portuguese cohort. Journal of Clinical Pathology, 2021, , jclinpath-2020-207204. | 1.0 | 1 |
| 12 | Development of a genomic predictive model for cholangiocarcinoma using copy number alteration data. Journal of Clinical Pathology, 2021, , jclinpath-2020-207346. | 1.0 | 1 |
| 13 | A seven-gene signature to predict the prognosis of oral squamous cell carcinoma. Oncogene, 2021, 40, 3859-3869. | 2.6 | 11 |
| 14 | Mitochondrial Alterations in Fibroblasts of Early Stage Bipolar Disorder Patients. Biomedicines, 2021, 9, 522. | 1.4 | 4 |
| 15 | DEPDC5 variant in focal cortical dysplasia: a case report and review of the literature. Oxford Medical Case Reports, 2021, 2021, omab027. | 0.2 | 1 |
| 16 | The Enhanced Efficacy of Intracellular Delivery of Doxorubicin/C6-Ceramide Combination Mediated by the F3 Peptide/Nucleolin System Is Supported by the Downregulation of the PI3K/Akt Pathway. Cancers, 2021, 13, 3052. | 1.7 | 7 |
| 17 | Effect of Exercise Training on Ambulatory Blood Pressure Among Patients With Resistant Hypertension. JAMA Cardiology, 2021, 6, 1317. | 3.0 | 41 |
| 18 | Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. Genomics, 2020, 112, 297-303. | 1.3 | 9 |

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|---|---|---|---|
| 19 | An acquired stable variant of a dicentric dic(9;20) and complex karyotype in a Syrian childhood B-acute lymphoblastic leukemia case. Molecular Cytogenetics, 2020, 13, 29. | 0.4 | 1 |
| 20 | A new childhood ALL case with an extremely complex karyotype and acute spontaneous tumor lysis syndrome. Molecular Cytogenetics, 2020, 13, 44. | 0.4 | 0 |
| 21 | Tremor is a major feature of 9p13 deletion syndrome. American Journal of Medical Genetics, Part A, 2020, 182, 2694-2698. | 0.7 | 1 |
| 22 | Probability distribution of copy number alterations along the genome: an algorithm to distinguish different tumour profiles. Scientific Reports, 2020, 10, 14868. | 1.6 | 8 |
| 23 | Current use of noninvasive prenatal testing in Europe, Australia and the USA: A graphical presentation. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 722-730. | 1.3 | 121 |
| 24 | Proteomics-based Predictive Model for the Early Detection of Metastasis and Recurrence in Head and Neck Cancer. Cancer Genomics and Proteomics, 2020, 17, 259-269. | 1.0 | 10 |
| 25 | Genomic and Epigenetic Advances in Focal Cortical Dysplasia Types I and II: A Scoping Review. Frontiers in Neuroscience, 2020, 14, 580357. | 1.4 | 26 |
| 26 | Molecular cytogenetic pilot study on pleomorphic adenomas of salivary glands. Oncology Letters, 2020, 19, 1125-1130. | 0.8 | 3 |
| 27 | Complex karyotype with cryptic FUS gene rearrangement and deletion of NR3C1 and VPREB1 genes in childhood Bâ€'cell acute lymphoblastic leukemia: A case report. Oncology Letters, 2020, 19, 2957-2962. | 0.8 | 2 |
| 28 | Iodineâ€'131 metabolic radiotherapy leads to cell death and genomic alterations through NIS overexpression on cholangiocarcinoma. International Journal of Oncology, 2020, 56, 709-727. | 1.4 | 3 |
| 29 | Upper aerodigestive tract carcinoma: Development of a (epi)genomic predictive model for recurrence and metastasis. Oncology Letters, 2020, 19, 3459-3468. | 0.8 | 2 |
| 30 | Head and neck cancer: searching for genomic and epigenetic biomarkers in body fluids â€“ the state of art. Molecular Cytogenetics, 2019, 12, 33. | 0.4 | 22 |
| 31 | (Cyto)genomic and epigenetic characterization of BICR 10 cell line and three new established primary human head and neck squamous cell carcinoma cultures. Genes and Genomics, 2019, 41, 1207-1221. | 0.5 | 2 |
| 32 | Cytogenetics and Cytogenomics Evaluation in Cancer. International Journal of Molecular Sciences, 2019, 20, 4711. | 1.8 | 14 |
| 33 | A New Complex Karyotype Involving a <b><i>KMT2A</i></b>-r Variant Three-Way Translocation in a Rare Clinical Presentation of a Pediatric Patient with Acute Myeloid Leukemia. Cytogenetic and Genome Research, 2019, 157, 213-219. | 0.6 | 0 |
| 34 | Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. Cancer Genetics, 2018, 221, 25-30. | 0.2 | 7 |
| 35 | Generation and characterization of a human iPS cell line from a patient-related control to study disease mechanisms associated with DAND5 p.R152H alteration. Stem Cell Research, 2018, 29, 202-206. | 0.3 | 2 |
| 36 | P30 A 12-WEEK EXERCISE TRAINING PROGRAM REDUCES ENDOTHELIAL DAMAGE IN RESISTANT HYPERTENSION. Artery Research, 2018, 24, 88. | 0.3 | 0 |

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|---|---|---|---|
| 37 | P121 ASSOCIATION OF CARDIORESPIRATORY FITNESS WITH ARTERIAL STIFFNESS AND PERIPHERAL AND CENTRAL BLOOD PRESSURE IN RESISTANT HYPERTENSION PATIENTS. Artery Research, 2018, 24, 114. | 0.3 | 0 |
| 38 | A Multicentric Brazilian Investigative Study of Copy Number Variations in Patients with Congenital Anomalies and Intellectual Disability. Scientific Reports, 2018, 8, 13382. | 1.6 | 1 |
| 39 | Genetics and myocardial infarction. Revista Portuguesa De Cardiologia, 2018, 37, 737-738. | 0.2 | 1 |
| 40 | Cytogenetic, genomic, and epigenetic characterization of the HSC-3 tongue cell line with lymph node metastasis. Journal of Oral Science, 2018, 60, 70-81. | 0.7 | 9 |
| 41 | Genomic and epigenetic signatures associated with survival rate in oral squamous cell carcinoma patients. Journal of Cancer, 2018, 9, 1885-1895. | 1.2 | 23 |
| 42 | PATIENTS WITH RESISTANT HYPERTENSION AND NORMAL NOCTURNAL BLOOD PRESSURE DIPPING SHOW BETTER INFLAMMATION AND CARDIORESPIRATORY FITNESS. Journal of Hypertension, 2018, 36, e50. | 0.3 | 0 |
| 43 | Cryptic NUP214-ABL1 fusion with complex karyotype, episomes and intra-tumor genetic heterogeneity in a T-cell lymphoblastic lymphoma. Journal of Cancer Metastasis and Treatment, 2018, 4, 50. | 0.5 | 0 |
| 44 | Genomic predictive model for recurrence and metastasis development in head and neck squamous cell carcinoma patients. Scientific Reports, 2017, 7, 13897. | 1.6 | 38 |
| 45 | Genomic profile of oral squamous cell carcinomas with an adjacent leukoplakia or with an erythroleukoplakia that evolved after the treatment of primary tumor: A report of two cases. Molecular Medicine Reports, 2017, 16, 6780-6786. | 1.1 | 11 |
| 46 | Genomic and epigenetic characterization for the comparison of synchronous bilateral tongue squamous cell carcinomasâ€"A case report. Current Problems in Cancer, 2017, 41, 398-406. | 1.0 | 1 |
| 47 | Generation of human iPSC line from a patient with laterality defects and associated congenital heart anomalies carrying a DAND5 missense alteration. Stem Cell Research, 2017, 25, 152-156. | 0.3 | 11 |
| 48 | MLPA analysis in a cohort of patients with autism. Molecular Cytogenetics, 2017, 10, 2. | 0.4 | 1 |
| 49 | Genetic and epigenetic characterization of the tumors in a patient with a tongue primary tumor, a recurrence and a pharyngoesophageal second primary tumor. Molecular Cytogenetics, 2017, 10, 13. | 0.4 | 0 |
| 50 | Early detection and personalized treatment in oral cancer: the impact of omics approaches. Molecular Cytogenetics, 2016, 9, 85. | 0.4 | 33 |
| 51 | BIRC3 alterations in chronic and B-cell acute lymphocytic leukemia patients. Oncology Letters, 2016, 11, 3240-3246. | 0.8 | 13 |
| 52 | WT1, MSH6, GATA5 and PAX5 as epigenetic oral squamous cell carcinoma biomarkers - a short report. Cellular Oncology (Dordrecht), 2016, 39, 573-582. | 2.1 | 31 |
| 53 | A novel IGH@ gene rearrangement associated with CDKN2A/B deletion in young adult B-cell acute lymphoblastic leukemia. Oncology Letters, 2016, 11, 2117-2122. | 0.8 | 4 |
| 54 | Fibroblasts of Machado Joseph Disease patients reveal autophagy impairment. Scientific Reports, 2016, 6, 28220. | 1.6 | 68 |

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|---|---|---|---|
| 55 | High rates of submicroscopic aberrations in karyotypically normal acute lymphoblastic leukemia. Molecular Cytogenetics, 2015, 8, 45. | 0.4 | 17 |
| 56 | Copy number variants prioritization after array-CGH analysis â€“ a cohort of 1000 patients. Molecular Cytogenetics, 2015, 8, 103. | 0.4 | 17 |
| 57 | Isochromosome 17q in Chronic Lymphocytic Leukemia. Leukemia Research and Treatment, 2015, 2015, 1-6. | 2.0 | 1 |
| 58 | MLLT10 and IL3 rearrangement together with a complex four-way translocation and trisomy 4 in a patient with early T-cell precursor acute lymphoblastic leukemia: A case report. Oncology Reports, 2015, 33, 625-630. | 1.2 | 4 |
| 59 | Cutis Aplasia as a clinical hallmark for the syndrome associated with 19q13.11 deletion: the possible role for UBA2 gene. Molecular Cytogenetics, 2015, 8, 21. | 0.4 | 20 |
| 60 | Novel Cryptic Rearrangements in Adult B-Cell Precursor Acute Lymphoblastic Leukemia Involving the MLL Gene. Journal of Histochemistry and Cytochemistry, 2015, 63, 384-390. | 1.3 | 7 |
| 61 | 12q21.2q22 deletion: A new patient. American Journal of Medical Genetics, Part A, 2015, 167, 1877-1883. | 0.7 | 7 |
| 62 | Can blue carbon contribute to clean development in West-Africa? The case of Guinea-Bissau. Mitigation and Adaptation Strategies for Global Change, 2015, 20, 1361-1383. | 1.0 | 17 |
| 63 | Interstitial 287Âkb deletion of 4p16.3 including FGFRL1 gene associated with language impairment and overgrowth. Molecular Cytogenetics, 2014, 7, 87. | 0.4 | 5 |
| 64 | A Novel Cryptic Three-Way Translocation t(2;9;18)(p23.2;p21.3;q21.33) with Deletion of Tumor Suppressor Genes in 9p21.3 and 13q14 in a T-Cell Acute Lymphoblastic Leukemia. Leukemia Research and Treatment, 2014, 2014, 1-7. | 2.0 | 7 |
| 65 | Genetic gains and losses in oral squamous cell carcinoma: impact on clinical management. Cellular Oncology (Dordrecht), 2014, 37, 29-39. | 2.1 | 46 |
| 66 | Genetic imbalances detected by multiplex ligation-dependent probe amplification in a cohort of patients with oral squamous cell carcinomaâ€"the first step towards clinical personalized medicine. Tumor Biology, 2014, 35, 4687-95. | 0.8 | 22 |
| 67 | Genomic characterization of three urinary bladder cancer cell lines: understanding genomic types of urinary bladder cancer. Tumor Biology, 2014, 35, 4599-4617. | 0.8 | 33 |
| 68 | Neurodevelopmental disorders associated with dosage imbalance ofZBTB20correlate with the morbidity spectrum of ZBTB20 candidate target genes. Journal of Medical Genetics, 2014, 51, 605-613. | 1.5 | 26 |
| 69 | Potential Markers of Cisplatin Treatment Response Unveiled by NMR Metabolomics of Human Lung Cells. Molecular Pharmaceutics, 2013, 10, 4242-4251. | 2.3 | 39 |
| 70 | Insertional translocation leading to a 4q13 duplication including the EPHA5 gene in two siblings with attentionâ€deficit hyperactivity disorder. American Journal of Medical Genetics, Part A, 2013, 161, 1923-1928. | 0.7 | 14 |
| 71 | Cryptic 7q36.2q36.3 deletion causes multiple congenital eye anomalies and craniofacial dysmorphism. American Journal of Medical Genetics, Part A, 2013, 161, 589-593. | 0.7 | 9 |
| 72 | Estimating the Above-Ground Biomass in Miombo Savanna Woodlands (Mozambique, East Africa) Using L-Band Synthetic Aperture Radar Data. Remote Sensing, 2013, 5, 1524-1548. | 1.8 | 83 |

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|---|---|---|---|
| 73 | Critical region in 2q31.2q32.3 deletion syndrome: Report of two phenotypically distinct patients, one with an additional deletion in Alagille syndrome region. Molecular Cytogenetics, 2012, 5, 25. | 0.4 | 8 |
| 74 | Chromosome 5 derived small supernumerary marker: towards a genotype/phenotype correlation of proximal chromosome 5 imbalances. Journal of Applied Genetics, 2011, 52, 193-200. | 1.0 | 13 |
| 75 | X-chromosome terminal deletion in a female with premature ovarian failure: Haploinsufficiency of X-linked genes as a possible explanation. Molecular Cytogenetics, 2010, 3, 14. | 0.4 | 24 |
| 76 | Metabolic responses of A549 lung cells to cisplatin and radiation exposure studied by 1H NMR spectroscopy. BMC Proceedings, 2010, 4, . | 1.8 | 0 |
| 77 | Metabolic Profiling of Human Lung Cancer Tissue by 1H High Resolution Magic Angle Spinning (HRMAS) NMR Spectroscopy. Journal of Proteome Research, 2010, 9, 319-332. | 1.8 | 136 |
| 78 | Molecular Cytogenetic Characterization of Two Cases with de novo Small Mosaic Supernumerary Marker Chromosomes Derived from Chromosome 16: Towards a Genotype/Phenotype Correlation. Cytogenetic and Genome Research, 2009, 125, 109-114. | 0.6 | 5 |
| 79 | Molecular cytogenetic characterisation of a mosaic add(12)(p13.3) with an inv dup(3)(q26.31 â†' qter) detected in an autistic boy. Molecular Cytogenetics, 2009, 2, 16. | 0.4 | 6 |
| 80 | Galantamine protects against oxidative stress induced by amyloidâ€beta peptide in cortical neurons. European Journal of Neuroscience, 2009, 29, 455-464. | 1.2 | 58 |
| 81 | Analytical Approaches toward Successful Human Cell Metabolome Studies by NMR Spectroscopy. Analytical Chemistry, 2009, 81, 5023-5032. | 3.2 | 61 |
| 82 | First prenatally detected small supernumerary neocentromeric derivative chromosome 13 resulting in a non-mosaic partial tetrasomy 13q. Cytogenetic and Genome Research, 2008, 121, 293-297. | 0.6 | 8 |
| 83 | Three Unusual but Cytogenetically Similar Cases With up to Five Different Cell Lines Involving Structural and Numerical Abnormalities of Chromosome 18. Journal of Histochemistry and Cytochemistry, 2007, 55, 1123-1128. | 1.3 | 13 |
| 84 | Two new cases ofde novo small supernumerary marker chromosomes (sSMC) detected at prenatal diagnosis. Prenatal Diagnosis, 2007, 27, 380-381. | 1.1 | 7 |
| 85 | Prion Protein Aggregation and Neurotoxicity in Cortical Neurons. Annals of the New York Academy of Sciences, 2007, 1096, 220-229. | 1.8 | 19 |
| 86 | Involvement of oxidative stress in the enhancement of acetylcholinesterase activity induced by amyloid beta-peptide. Neuroscience Research, 2003, 45, 117-127. | 1.0 | 224 |
| 87 | Amyloid beta-peptide 25-35 reduces [<sup>3</sup>H] acetylcholine release in retinal neurons. Involvement of metabolic dysfunction. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2002, 9, 221-228. | 1.4 | 18 |
| 88 | Adenosine A2AReceptors Regulate the Extracellular Accumulation of Excitatory Amino Acids upon Metabolic Dysfunction in Chick Cultured Retinal Cells. Experimental Eye Research, 2000, 70, 577-587. | 1.2 | 12 |