

Joana Barbosa Melo

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,684
citations

304368

22
h-index

315357

38
g-index

90
all docs

90
docs citations

90
times ranked

3116
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of oxidative stress in the enhancement of acetylcholinesterase activity induced by amyloid beta-peptide. <i>Neuroscience Research</i> , 2003, 45, 117-127.	1.0	224
2	Metabolic Profiling of Human Lung Cancer Tissue by 1H High Resolution Magic Angle Spinning (HRMAS) NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2010, 9, 319-332.	1.8	136
3	Current use of noninvasive prenatal testing in Europe, Australia and the USA: A graphical presentation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 722-730.	1.3	121
4	Liquid Biopsies: Applications for Cancer Diagnosis and Monitoring. <i>Genes</i> , 2021, 12, 349.	1.0	93
5	Estimating the Above-Ground Biomass in Miombo Savanna Woodlands (Mozambique, East Africa) Using L-Band Synthetic Aperture Radar Data. <i>Remote Sensing</i> , 2013, 5, 1524-1548.	1.8	83
6	Fibroblasts of Machado Joseph Disease patients reveal autophagy impairment. <i>Scientific Reports</i> , 2016, 6, 28220.	1.6	68
7	Analytical Approaches toward Successful Human Cell Metabolome Studies by NMR Spectroscopy. <i>Analytical Chemistry</i> , 2009, 81, 5023-5032.	3.2	61
8	Galantamine protects against oxidative stress induced by amyloid β peptide in cortical neurons. <i>European Journal of Neuroscience</i> , 2009, 29, 455-464.	1.2	58
9	Genetic gains and losses in oral squamous cell carcinoma: impact on clinical management. <i>Cellular Oncology (Dordrecht)</i> , 2014, 37, 29-39.	2.1	46
10	Effect of Exercise Training on Ambulatory Blood Pressure Among Patients With Resistant Hypertension. <i>JAMA Cardiology</i> , 2021, 6, 1317.	3.0	41
11	Potential Markers of Cisplatin Treatment Response Unveiled by NMR Metabolomics of Human Lung Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 4242-4251.	2.3	39
12	Genomic predictive model for recurrence and metastasis development in head and neck squamous cell carcinoma patients. <i>Scientific Reports</i> , 2017, 7, 13897.	1.6	38
13	Development of a Genotype Assay for Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021, 128, 1604-1617.	2.5	38
14	Genomic characterization of three urinary bladder cancer cell lines: understanding genomic types of urinary bladder cancer. <i>Tumor Biology</i> , 2014, 35, 4599-4617.	0.8	33
15	Early detection and personalized treatment in oral cancer: the impact of omics approaches. <i>Molecular Cytogenetics</i> , 2016, 9, 85.	0.4	33
16	WT1, MSH6, GATA5 and PAX5 as epigenetic oral squamous cell carcinoma biomarkers - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 573-582.	2.1	31
17	Neurodevelopmental disorders associated with dosage imbalance of <i>ZBTB20</i> correlate with the morbidity spectrum of ZBTB20 candidate target genes. <i>Journal of Medical Genetics</i> , 2014, 51, 605-613.	1.5	26
18	Genomic and Epigenetic Advances in Focal Cortical Dysplasia Types I and II: A Scoping Review. <i>Frontiers in Neuroscience</i> , 2020, 14, 580357.	1.4	26

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19	X-chromosome terminal deletion in a female with premature ovarian failure: Haploinsufficiency of X-linked genes as a possible explanation. <i>Molecular Cytogenetics</i> , 2010, 3, 14.	0.4	24
20	Genomic and epigenetic signatures associated with survival rate in oral squamous cell carcinoma patients. <i>Journal of Cancer</i> , 2018, 9, 1885-1895.	1.2	23
21	Genetic imbalances detected by multiplex ligation-dependent probe amplification in a cohort of patients with oral squamous cell carcinoma—the first step towards clinical personalized medicine. <i>Tumor Biology</i> , 2014, 35, 4687-95.	0.8	22
22	Head and neck cancer: searching for genomic and epigenetic biomarkers in body fluids — the state of art. <i>Molecular Cytogenetics</i> , 2019, 12, 33.	0.4	22
23	Cutis Aplasia as a clinical hallmark for the syndrome associated with 19q13.11 deletion: the possible role for UBA2 gene. <i>Molecular Cytogenetics</i> , 2015, 8, 21.	0.4	20
24	Prion Protein Aggregation and Neurotoxicity in Cortical Neurons. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 220-229.	1.8	19
25	Amyloid beta-peptide 25-35 reduces [³ H] acetylcholine release in retinal neurons. Involvement of metabolic dysfunction. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2002, 9, 221-228.	1.4	18
26	High rates of submicroscopic aberrations in karyotypically normal acute lymphoblastic leukemia. <i>Molecular Cytogenetics</i> , 2015, 8, 45.	0.4	17
27	Copy number variants prioritization after array-CGH analysis — a cohort of 1000 patients. <i>Molecular Cytogenetics</i> , 2015, 8, 103.	0.4	17
28	Can blue carbon contribute to clean development in West-Africa? The case of Guinea-Bissau. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1361-1383.	1.0	17
29	Insertional translocation leading to a 4q13 duplication including the <i>EPHA5</i> gene in two siblings with attention-deficit hyperactivity disorder. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1923-1928.	0.7	14
30	Cytogenetics and Cytogenomics Evaluation in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4711.	1.8	14
31	Three Unusual but Cytogenetically Similar Cases With up to Five Different Cell Lines Involving Structural and Numerical Abnormalities of Chromosome 18. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1123-1128.	1.3	13
32	Chromosome 5 derived small supernumerary marker: towards a genotype/phenotype correlation of proximal chromosome 5 imbalances. <i>Journal of Applied Genetics</i> , 2011, 52, 193-200.	1.0	13
33	BIRC3 alterations in chronic and B-cell acute lymphocytic leukemia patients. <i>Oncology Letters</i> , 2016, 11, 3240-3246.	0.8	13
34	Adenosine A2A Receptors Regulate the Extracellular Accumulation of Excitatory Amino Acids upon Metabolic Dysfunction in Chick Cultured Retinal Cells. <i>Experimental Eye Research</i> , 2000, 70, 577-587.	1.2	12
35	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. <i>Molecular Medicine Reports</i> , 2017, 16, 6780-6786.	1.1	11
36	Generation of human iPSC line from a patient with laterality defects and associated congenital heart anomalies carrying a DAND5 missense alteration. <i>Stem Cell Research</i> , 2017, 25, 152-156.	0.3	11

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37	A seven-gene signature to predict the prognosis of oral squamous cell carcinoma. <i>Oncogene</i> , 2021, 40, 3859-3869.	2.6	11
38	Proteomics-based Predictive Model for the Early Detection of Metastasis and Recurrence in Head and Neck Cancer. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 259-269.	1.0	10
39	Cryptic 7q36.2q36.3 deletion causes multiple congenital eye anomalies and craniofacial dysmorphism. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 589-593.	0.7	9
40	Cytogenetic, genomic, and epigenetic characterization of the HSC-3 tongue cell line with lymph node metastasis. <i>Journal of Oral Science</i> , 2018, 60, 70-81.	0.7	9
41	Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. <i>Genomics</i> , 2020, 112, 297-303.	1.3	9
42	First prenatally detected small supernumerary neocentromeric derivative chromosome 13 resulting in a non-mosaic partial tetrasomy 13q. <i>Cytogenetic and Genome Research</i> , 2008, 121, 293-297.	0.6	8
43	Critical region in 2q31.2q32.3 deletion syndrome: Report of two phenotypically distinct patients, one with an additional deletion in Alagille syndrome region. <i>Molecular Cytogenetics</i> , 2012, 5, 25.	0.4	8
44	T and genetic variations between Asian and Caucasian polypoidal choroidal vasculopathy. <i>British Journal of Ophthalmology</i> , 2021, 105, 1716-1723.	2.1	8
45	Probability distribution of copy number alterations along the genome: an algorithm to distinguish different tumour profiles. <i>Scientific Reports</i> , 2020, 10, 14868.	1.6	8
46	Two new cases of de novo small supernumerary marker chromosomes (sSMC) detected at prenatal diagnosis. <i>Prenatal Diagnosis</i> , 2007, 27, 380-381.	1.1	7
47	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. <i>Leukemia Research and Treatment</i> , 2014, 2014, 1-7.	2.0	7
48	Novel Cryptic Rearrangements in Adult B-Cell Precursor Acute Lymphoblastic Leukemia Involving the MLL Gene. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 384-390.	1.3	7
49	12q21.2q22 deletion: A new patient. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 1877-1883.	0.7	7
50	Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. <i>Cancer Genetics</i> , 2018, 221, 25-30.	0.2	7
51	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. <i>Cancers</i> , 2021, 13, 3052.	1.7	7
52	Nucleolin Overexpression Predicts Patient Prognosis While Providing a Framework for Targeted Therapeutic Intervention in Lung Cancer. <i>Cancers</i> , 2022, 14, 2217.	1.7	7
53	Molecular cytogenetic characterisation of a mosaic add(12)(p13.3) with an inv dup(3)(q26.31 â†’ qter) detected in an autistic boy. <i>Molecular Cytogenetics</i> , 2009, 2, 16.	0.4	6
54	Molecular Cytogenetic Characterization of Two Cases with de novo Small Mosaic Supernumerary Marker Chromosomes Derived from Chromosome 16: Towards a Genotype/Phenotype Correlation. <i>Cytogenetic and Genome Research</i> , 2009, 125, 109-114.	0.6	5

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55	Interstitial 287Åkb deletion of 4p16.3 including FGFRL1 gene associated with language impairment and overgrowth. <i>Molecular Cytogenetics</i> , 2014, 7, 87.	0.4	5
56	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€œexposed areas. <i>Experimental Dermatology</i> , 2021, 30, 1126-1134.	1.4	5
57	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. <i>Oncology Reports</i> , 2015, 33, 625-630.	1.2	4
58	A novel IGH@ gene rearrangement associated with CDKN2A/B deletion in young adult B-cell acute lymphoblastic leukemia. <i>Oncology Letters</i> , 2016, 11, 2117-2122.	0.8	4
59	Mitochondrial Alterations in Fibroblasts of Early Stage Bipolar Disorder Patients. <i>Biomedicines</i> , 2021, 9, 522.	1.4	4
60	Molecular cytogenetic pilot study on pleomorphic adenomas of salivary glands. <i>Oncology Letters</i> , 2020, 19, 1125-1130.	0.8	3
61	Iodineâ€œ131 metabolic radiotherapy leads to cell death and genomic alterations through NIS overexpression on cholangiocarcinoma. <i>International Journal of Oncology</i> , 2020, 56, 709-727.	1.4	3
62	Generation and characterization of a human iPS cell line from a patient-related control to study disease mechanisms associated with DAND5 p.R152H alteration. <i>Stem Cell Research</i> , 2018, 29, 202-206.	0.3	2
63	(Cyto)genomic and epigenetic characterization of BICR 10 cell line and three new established primary human head and neck squamous cell carcinoma cultures. <i>Genes and Genomics</i> , 2019, 41, 1207-1221.	0.5	2
64	Complex karyotype with cryptic FUS gene rearrangement and deletion of NR3C1 and VPREB1 genes in childhood Bâ€œcell acute lymphoblastic leukemia: A case report. <i>Oncology Letters</i> , 2020, 19, 2957-2962.	0.8	2
65	Upper aerodigestive tract carcinoma: Development of a (epi)genomic predictive model for recurrence and metastasis. <i>Oncology Letters</i> , 2020, 19, 3459-3468.	0.8	2
66	Targeted liposomal doxorubicin/ceramides combinations: The importance to assess the nature of drug interaction beyond bulk tumor cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 61-77.	2.0	2
67	Isochromosome 17q in Chronic Lymphocytic Leukemia. <i>Leukemia Research and Treatment</i> , 2015, 2015, 1-6.	2.0	1
68	Genomic and epigenetic characterization for the comparison of synchronous bilateral tongue squamous cell carcinomasâ€œA case report. <i>Current Problems in Cancer</i> , 2017, 41, 398-406.	1.0	1
69	MLPA analysis in a cohort of patients with autism. <i>Molecular Cytogenetics</i> , 2017, 10, 2.	0.4	1
70	A Multicentric Brazilian Investigative Study of Copy Number Variations in Patients with Congenital Anomalies and Intellectual Disability. <i>Scientific Reports</i> , 2018, 8, 13382.	1.6	1
71	Genetics and myocardial infarction. <i>Revista Portuguesa De Cardiologia</i> , 2018, 37, 737-738.	0.2	1
72	An acquired stable variant of a dicentric dic(9;20) and complex karyotype in a Syrian childhood B-acute lymphoblastic leukemia case. <i>Molecular Cytogenetics</i> , 2020, 13, 29.	0.4	1

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73	Tremor is a major feature of 9p13 deletion syndrome. American Journal of Medical Genetics, Part A, 2020, 182, 2694-2698.	0.7	1
74	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
75	Genomic characterisation of multiple myeloma: study of a Portuguese cohort. Journal of Clinical Pathology, 2021, , jclinpath-2020-207204.	1.0	1
76	Development of a genomic predictive model for cholangiocarcinoma using copy number alteration data. Journal of Clinical Pathology, 2021, , jclinpath-2020-207346.	1.0	1
77	<i>DEPDC5</i> variant in focal cortical dysplasia: a case report and review of the literature. Oxford Medical Case Reports, 2021, 2021, omab027.	0.2	1
78	Metabolic responses of A549 lung cells to cisplatin and radiation exposure studied by 1H NMR spectroscopy. BMC Proceedings, 2010, 4, .	1.8	0
79	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
80	P30 A 12-WEEK EXERCISE TRAINING PROGRAM REDUCES ENDOTHELIAL DAMAGE IN RESISTANT HYPERTENSION. Artery Research, 2018, 24, 88.	0.3	0
81	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
82	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
83	A New Complex Karyotype Involving a <i>t(12;17)(p11;p11)</i> 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
84	A new childhood ALL case with an extremely complex karyotype and acute spontaneous tumor lysis syndrome. Molecular Cytogenetics, 2020, 13, 44.	0.4	0
85	Cancro da Cabeça e Pescoço: Aspectos Particulares do Cancro Oral. , 2021, , .		0
86	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
87	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
88	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