

# Anamaria Aranha Camargo

## List of Publications by Year in descending order

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Version: 2024-02-01

122  
papers

6,390  
citations

108046

37  
h-index

81351

76  
g-index

131  
all docs

131  
docs citations

131  
times ranked

13147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral shedding of herpesviruses and clinical outcomes in hematopoietic stem cell transplant patients. <i>Oral Diseases</i> , 2023, 29, 815-826.	1.5	0
2	Monoallelic deleterious <i>MUTYH</i> germline variants as a driver for tumorigenesis. <i>Journal of Pathology</i> , 2022, 256, 214-222.	2.1	12
3	<i>HSD3B1</i> polymorphism in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) treated with abiraterone acetate and prednisone (AAP): Pharmacodynamics and therapeutic implications.. <i>Journal of Clinical Oncology</i> , 2022, 40, 140-140.	0.8	0
4	Extreme Responses to a Combination of DNA-Damaging Therapy and Immunotherapy in CDK12-Altered Metastatic Castration-Resistant Prostate Cancer: A Potential Therapeutic Vulnerability. <i>Clinical Genitourinary Cancer</i> , 2022, 20, 183-188.	0.9	3
5	Choice of 16S Ribosomal RNA Primers Impacts Male Urinary Microbiota Profiling. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 862338.	1.8	11
6	Association between tumor mutational burden (TMB) and mutational profile and its effect on overall survival: A post hoc analysis of patients with TMB-high and TMB-low metastatic cancer treated with immune checkpoint inhibitors (ICI).. <i>Journal of Clinical Oncology</i> , 2022, 40, 2632-2632.	0.8	0
7	Impressive response to dabrafenib, trametinib, and osimertinib in a metastatic EGFR-mutant/BRAF V600E lung adenocarcinoma patient. <i>Npj Precision Oncology</i> , 2021, 5, 5.	2.3	24
8	Breast Cancer Promotes Cardiac Dysfunction Through Deregulation of Cardiomyocyte Ca <sup>2+</sup> Handling Protein Expression That is Not Reversed by Exercise Training. <i>Journal of the American Heart Association</i> , 2021, 10, e018076.	1.6	5
9	Exercise Training Preserves Myocardial Strain and Improves Exercise Tolerance in Doxorubicin-Induced Cardiotoxicity. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 605993.	1.1	8
10	A Key Pathway to Cancer Resilience: The Role of Autophagy in Glioblastomas. <i>Frontiers in Oncology</i> , 2021, 11, 652133.	1.3	4
11	Dental Biofilm Microbiota Dysbiosis Is Associated With the Risk of Acute Graft-Versus-Host Disease After Allogeneic Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 692225.	2.2	19
12	COVID-19 convalescent plasma cohort study: Evaluation of the association between both donor and recipient neutralizing antibody titers and patient outcomes. <i>Transfusion</i> , 2021, 61, 2295-2306.	0.8	8
13	Identification of the <i>TP53</i> p.R337H Variant in Tumor Genomic Profiling Should Prompt Consideration of Germline Testing for Li-Fraumeni Syndrome. <i>JCO Global Oncology</i> , 2021, 7, 1141-1150.	0.8	7
14	Disruption of the oral microbiota is associated with a higher risk of relapse after allogeneic hematopoietic stem cell transplantation. <i>Scientific Reports</i> , 2021, 11, 17552.	1.6	16
15	Emerging biomarkers in metastatic urothelial carcinoma: tumour mutational burden, PD-L1 expression and APOBEC polypeptide-like signature in a patient with complete response to anti-programmed cell death protein-1 inhibitor. <i>Ecancermedicalscience</i> , 2021, 15, 1306.	0.6	2
16	Prediction of Poor Response to Neoadjuvant Chemoradiation in Patients With Rectal Cancer Using a DNA Repair Deregulation Score: Picking the Losers Instead of the Winners. <i>Diseases of the Colon and Rectum</i> , 2020, 63, 300-309.	0.7	8
17	Circulating Tumour DNA Sequencing Identifies a Genetic Resistance-Gap in Colorectal Cancers with Acquired Resistance to EGFR-Antibodies and Chemotherapy. <i>Cancers</i> , 2020, 12, 3736.	1.7	6
18	Global changes in nitration levels and DNA binding profile of <i>Trypanosoma cruzi</i> histones induced by incubation with host extracellular matrix. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008262.	1.3	5

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19	Metformin as an Alternative Radiosensitizing Agent to 5-Fluorouracil During Neoadjuvant Treatment for Rectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2020, 63, 918-926.	0.7	23
20	Quantification of Tumor Cell Adhesion in Lymph Node Cryosections. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	0
21	Genomic Biomarkers and Underlying Mechanism of Benefit from BCG Immunotherapy in Non-Muscle Invasive Bladder Cancer. <i>Bladder Cancer</i> , 2020, 6, 171-186.	0.2	4
22	Herpesviruses in the oral cavity of patients subjected to allogeneic hematopoietic stem cell transplantation and its relationship with oral mucositis. <i>Clinical Oral Investigations</i> , 2020, 24, 3597-3608.	1.4	6
23	HLApeers: HLA Typing and Quantification of Expression with Personalized Index. <i>Methods in Molecular Biology</i> , 2020, 2120, 101-112.	0.4	12
24	The Effects of Neoadjuvant Chemoradiation in Locally Advanced Rectal Cancer—The Impact in Intratumoral Heterogeneity. <i>Frontiers in Oncology</i> , 2019, 9, 974.	1.3	20
25	NDRG4 promoter hypermethylation is a mechanistic biomarker associated with metastatic progression in breast cancer patients. <i>Npj Breast Cancer</i> , 2019, 5, 11.	2.3	7
26	Circulating Tumor DNA Detection in the Management of Anti-EGFR Therapy for Advanced Colorectal Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 170.	1.3	13
27	Tumor Lysis Syndrome After Platinum-based Chemotherapy in Castration-resistant Prostate Cancer With a BRCA2 Mutation: A Case Report. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e61-e64.	0.9	5
28	Tumor mutational burden (TMB) and BCG responsiveness in high-risk non-muscle invasive bladder cancer (NMIBC).. <i>Journal of Clinical Oncology</i> , 2019, 37, 442-442.	0.8	2
29	Beyond the Proteolytic Activity: Examining the Functional Relevance of the Ancillary Domains Using Tri-Dimensional (3D) Spheroid Invasion Assay. <i>Methods in Molecular Biology</i> , 2018, 1731, 155-168.	0.4	3
30	Effect of Akt activation and experimental pharmacological inhibition on responses to neoadjuvant chemoradiotherapy in rectal cancer. <i>British Journal of Surgery</i> , 2018, 105, e192-e203.	0.1	20
31	TSC2 rare germline variants in non-tuberous sclerosis patients with neuroendocrine neoplasias. <i>Endocrine-Related Cancer</i> , 2018, 25, L1-L5.	1.6	6
32	Histopathological Characterization and Whole Exome Sequencing of Ectopic Thyroid: Fetal Architecture in a Functional Ectopic Gland from Adult Patient. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	0.6	7
33	Tumor mutational burden (TMB), intratumoral genetic heterogeneity (ITGH) and BCG responsiveness in high-risk non-muscle invasive bladder cancer (NMIBC).. <i>Journal of Clinical Oncology</i> , 2018, 36, e16516-e16516.	0.8	1
34	Sequential liquid biopsies reveal dynamic alterations of EGFR driver mutations and indicate EGFR amplification as a new mechanism of resistance to osimertinib in NSCLC. <i>Lung Cancer</i> , 2017, 108, 238-241.	0.9	62
35	Intratumoral Genetic Heterogeneity in Rectal Cancer. <i>Annals of Surgery</i> , 2017, 265, e4-e6.	2.1	56
36	Towards a global cancer knowledge network: dissecting the current international cancer genomic sequencing landscape. <i>Annals of Oncology</i> , 2017, 28, 1145-1151.	0.6	18

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37	A straightforward assay to evaluate DNA integrity and optimize next-generation sequencing for clinical diagnosis in oncology. <i>Experimental and Molecular Pathology</i> , 2017, 103, 294-299.	0.9	18
38	A genetic cluster of patients with variant xeroderma pigmentosum with two different founder mutations. <i>British Journal of Dermatology</i> , 2017, 176, 1270-1278.	1.4	23
39	High IL-1R8 expression in breast tumors promotes tumor growth and contributes to impaired antitumor immunity. <i>Oncotarget</i> , 2017, 8, 49470-49483.	0.8	24
40	Measuring plasma levels of three microRNAs can improve the accuracy for identification of malignant breast lesions in women with BI-RADS 4 mammography. <i>Oncotarget</i> , 2017, 8, 83940-83948.	0.8	7
41	Tissue-Associated Bacterial Alterations in Rectal Carcinoma Patients Revealed by 16S rRNA Community Profiling. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 179.	1.8	125
42	Should We Give Up The Search for a Clinically Useful Gene Signature for the Prediction of Response of Rectal Cancer to Neoadjuvant Chemoradiation?. <i>Diseases of the Colon and Rectum</i> , 2016, 59, 895-897.	0.7	12
43	Facilitating a culture of responsible and effective sharing of cancer genome data. <i>Nature Medicine</i> , 2016, 22, 464-471.	15.2	83
44	Light/Dark Environmental Cycle Imposes a Daily Profile in the Expression of microRNAs in Rat CD133 <sup>+</sup> Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 1953-1963.	2.0	8
45	Epithelial cells captured from ductal carcinoma in situ reveal a gene expression signature associated with progression to invasive breast cancer. <i>Oncotarget</i> , 2016, 7, 75672-75684.	0.8	5
46	Comprehensive cancer-gene panels can be used to estimate mutational load and predict clinical benefit to PD-1 blockade in clinical practice. <i>Oncotarget</i> , 2015, 6, 34221-34227.	0.8	198
47	Alternative Polyadenylation Allows Differential Negative Feedback of Human miRNA miR-579 on Its Host Gene ZFR. <i>PLoS ONE</i> , 2015, 10, e0121507.	1.1	24
48	The use of personalized biomarkers and liquid biopsies to monitor treatment response and disease recurrence in locally advanced rectal cancer after neoadjuvant chemoradiation. <i>Oncotarget</i> , 2015, 6, 38360-38371.	0.8	52
49	Dermcidin exerts its oncogenic effects in breast cancer via modulation of ERBB signaling. <i>BMC Cancer</i> , 2015, 15, 70.	1.1	20
50	Comprehensive evaluation of the effectiveness of gene expression signatures to predict complete response to neoadjuvant chemoradiotherapy and guide surgical intervention in rectal cancer. <i>Cancer Genetics</i> , 2015, 208, 319-326.	0.2	45
51	ICRmax: An optimized approach to detect tumor-specific interchromosomal rearrangements for clinical application. <i>Genomics</i> , 2015, 105, 265-272.	1.3	4
52	Intratumoral heterogeneity of ADAM23 promotes tumor growth and metastasis through LGI4 and nitric oxide signals. <i>Oncogene</i> , 2015, 34, 1270-1279.	2.6	20
53	Fibronectin Affects Transient MMP2 Gene Expression through DNA Demethylation Changes in Non-Invasive Breast Cancer Cell Lines. <i>PLoS ONE</i> , 2014, 9, e105806.	1.1	23
54	Galectin-3 disruption impaired tumoral angiogenesis by reducing VEGF secretion from TGF- $\beta$ 1-induced macrophages. <i>Cancer Medicine</i> , 2014, 3, 201-214.	1.3	42

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55	Overexpression of miR-21-5p as a predictive marker for complete tumor regression to neoadjuvant chemoradiotherapy in rectal cancer patients. BMC Medical Genomics, 2014, 7, 68.	0.7	58
56	Mutational analysis of genes coding for cell surface proteins in colorectal cancer cell lines reveal novel altered pathways, druggable mutations and mutated epitopes for targeted therapy. Oncotarget, 2014, 5, 9199-9213.	0.8	31
57	Mitochondria as a Source of Reactive Oxygen and Nitrogen Species: From Molecular Mechanisms to Human Health. Antioxidants and Redox Signaling, 2013, 18, 2029-2074.	2.5	344
58	The Human Cell Surfaceome of Breast Tumors. BioMed Research International, 2013, 2013, 1-11.	0.9	6
59	Gene Copy-Number Polymorphism Caused by Retrotransposition in Humans. PLoS Genetics, 2013, 9, e1003242.	1.5	88
60	Global DNA hypomethylation coupled to repressive chromatin domain formation and gene silencing in breast cancer. Genome Research, 2012, 22, 246-258.	2.4	476
61	Chemopreventive effects of the dietary histone deacetylase inhibitor tributyrin alone or in combination with vitamin A during the promotion phase of rat hepatocarcinogenesis. Journal of Nutritional Biochemistry, 2012, 23, 860-866.	1.9	20
62	Pentraxin 3 accelerates lung injury in high tidal volume ventilation in mice. Molecular Immunology, 2012, 51, 82-90.	1.0	15
63	Epigenetic Changes of CXCR4 and Its Ligand CXCL12 as Prognostic Factors for Sporadic Breast Cancer. PLoS ONE, 2011, 6, e29461.	1.1	51
64	Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. Clinics, 2011, 66, 1747-1755.	0.6	84
65	Analysis of allelic differential expression in the human genome using allele-specific serial analysis of gene expression tags. Genome, 2011, 54, 120-127.	0.9	5
66	Distinct patterns of somatic alterations in a lymphoblastoid and a tumor genome derived from the same individual. Nucleic Acids Research, 2011, 39, 6056-6068.	6.5	19
67	Targeting MAGE-C1/CT7 Expression Increases Cell Sensitivity to the Proteasome Inhibitor Bortezomib in Multiple Myeloma Cell Lines. PLoS ONE, 2011, 6, e27707.	1.1	21
68	Simultaneous CXCL12 and ESR1 CpG island hypermethylation correlates with poor prognosis in sporadic breast cancer. BMC Cancer, 2010, 10, 23.	1.1	59
69	Random X Inactivation and Extensive Mosaicism in Human Placenta Revealed by Analysis of Allele-Specific Gene Expression along the X Chromosome. PLoS ONE, 2010, 5, e10947.	1.1	113
70	Systematic detection of putative tumor suppressor genes through the combined use of exome and transcriptome sequencing. Genome Biology, 2010, 11, R114.	13.9	35
71	CTdatabase: a knowledge-base of high-throughput and curated data on cancer-testis antigens. Nucleic Acids Research, 2009, 37, D816-D819.	6.5	338
72	ADAM23 Negatively Modulates $\alpha_5\beta_3$ Integrin Activation during Metastasis. Cancer Research, 2009, 69, 5546-5552.	0.4	50

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73	Bioinformatics construction of the human cell surfaceome. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16752-16757.	3.3	119
74	ADAM33 gene silencing by promoter hypermethylation as a molecular marker in breast invasive lobular carcinoma. BMC Cancer, 2009, 9, 80.	1.1	26
75	Reduced transcription of TCOF1 in adult cells of Treacher Collins syndrome patients. BMC Medical Genetics, 2009, 10, 136.	2.1	21
76	Identification of FAM46D as a novel cancer/testis antigen using EST data and serological analysis. Genomics, 2009, 94, 153-160.	1.3	23
77	Characterization of a specific interaction between ADAM23 and cellular prion protein. Neuroscience Letters, 2009, 461, 16-20.	1.0	13
78	Epigenetic Silencing of CRABP2 and MX1 in Head and Neck Tumors. Neoplasia, 2009, 11, 1329-IN9.	2.3	70
79	Insights into gliomagenesis: systems biology unravels key pathways. Genome Medicine, 2009, 1, 101.	3.6	1
80	Tissue distribution of quiescin Q6/sulfhydryl oxidase (QSOX) in developing mouse. Journal of Molecular Histology, 2008, 39, 217-225.	1.0	26
81	Maternal embryonic leucine zipper kinase transcript abundance correlates with malignancy grade in human astrocytomas. International Journal of Cancer, 2008, 122, 807-815.	2.3	128
82	Antibodies against the cancer testis antigen CTSPA1 are frequently found in prostate cancer patients and are an independent prognostic factor for biochemical recurrence. International Journal of Cancer, 2008, 122, 2385-2390.	2.3	13
83	Intraoperative autologous blood recovery in prostate cancer surgery: <i>in vivo</i> validation using a tumour marker. Vox Sanguinis, 2008, 95, 308-312.	0.7	17
84	The role of the acute phase protein PTX3 in the ventilator-induced lung injury. European Respiratory Review, 2008, 17, 81-82.	3.0	0
85	Approaching a complete repository of sequence-verified protein-encoding clones for Saccharomyces cerevisiae. Genome Research, 2007, 17, 536-543.	2.4	99
86	Sense-antisense pairs in mammals: functional and evolutionary considerations. Genome Biology, 2007, 8, R40.	13.9	55
87	Genetic diversity of Leishmania amazonensis strains isolated in northeastern Brazil as revealed by DNA sequencing, PCR-based analyses and molecular karyotyping. Parasites and Vectors, 2007, 6, 5.	1.9	36
88	Methylation profile of genes CDKN2A (p14 and p16), DAPK1, CDH1, and ADAM23 in head and neck cancer. Cancer Genetics and Cytogenetics, 2007, 173, 31-37.	1.0	81
89	The FAPESP/LICR Human Cancer Genome Project: Perspectives on Integration. , 2006, , 169-184.		0
90	SATR-1 hypomethylation is a common and early event in breast cancer. Cancer Genetics and Cytogenetics, 2006, 165, 135-143.	1.0	41

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91	Characterization of a cancer/testis (CT) antigen gene family capable of eliciting humoral response in cancer patients. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18066-18071.	3.3	32
92	Identification of human exons overexpressed in tumors through the use of genome and expressed sequence data. Physiological Genomics, 2005, 21, 423-432.	1.0	21
93	Swine and Poultry Pathogens: the Complete Genome Sequences of Two Strains of Mycoplasma hyopneumoniae and a Strain of Mycoplasma synoviae. Journal of Bacteriology, 2005, 187, 5568-5577.	1.0	289
94	Colorectal Cancer "Methylator Phenotype": Fact or Artifact?. Neoplasia, 2005, 7, 331-335.	2.3	63
95	ADAM23 methylation and expression analysis in brain tumors. Neuroscience Letters, 2005, 380, 260-264.	1.0	17
96	The impact of SNPs on the interpretation of SAGE and MPSS experimental data. Nucleic Acids Research, 2004, 32, 6104-6110.	6.5	34
97	A Transcript Finishing Initiative for Closing Gaps in the Human Transcriptome. Genome Research, 2004, 14, 1413-1423.	2.4	22
98	Generation of longer 3' cDNA fragments from massively parallel signature sequencing tags. Nucleic Acids Research, 2004, 32, e94-e94.	6.5	12
99	Epigenetic silencing of the adhesion molecule ADAM23 is highly frequent in breast tumors. Oncogene, 2004, 23, 1481-1488.	2.6	68
100	Coordinated, network-based research as a strategic component of science in Brazil. Genetics and Molecular Research, 2004, 3, 18-25.	0.3	2
101	Closure of rRNA related gaps in the Chromobacterium violaceum genome with the PCR-assisted contig extension (PACE) protocol. Genetics and Molecular Research, 2004, 3, 53-63.	0.3	0
102	Identification of 9 novel transcripts and two RGSL genes within the hereditary prostate cancer region (HPC1) at 1q25. Gene, 2003, 310, 49-57.	1.0	15
103	The complete genome sequence of Chromobacterium violaceum reveals remarkable and exploitable bacterial adaptability. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11660-11665.	3.3	251
104	The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13418-13423.	3.3	105
105	CagA status of Helicobacter pylori infection and p53 gene mutations in gastric adenocarcinoma. Carcinogenesis, 2003, 24, 145-145.	1.3	5
106	Collaborative research networks work. Journal of Clinical Investigation, 2003, 112, 468-471.	3.9	6
107	An international database and integrated analysis tools for the study of cancer gene expression. Pharmacogenomics Journal, 2002, 2, 156-164.	0.9	47
108	Long-Range Heterogeneity at the 3' Ends of Human mRNAs. Genome Research, 2002, 12, 1068-1074.	2.4	71

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109	Nineteen Additional Unpredicted Transcripts from Human Chromosome 21. <i>Genomics</i> , 2002, 79, 824-832.	1.3	46
110	Human gene discovery through experimental definition of transcribed regions of the human genome. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 13-16.	2.8	4
111	High-throughput SELEXâ€“SAGE method for quantitative modeling of transcription-factor binding sites. <i>Nature Biotechnology</i> , 2002, 20, 831-835.	9.4	198
112	Definition of the Gene Content of the Human Genome: The Need for Deep Experimental Verification. <i>Comparative and Functional Genomics</i> , 2001, 2, 169-175.	2.0	2
113	Directed Gap Closure in Large-Scale Sequencing Projects. <i>Genome Research</i> , 2001, 11, 901-903.	2.4	11
114	The contribution of 700,000 ORF sequence tags to the definition of the human transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12103-12108.	3.3	123
115	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
116	Collagen XVIII, containing an endogenous inhibitor of angiogenesis and tumor growth, plays a critical role in the maintenance of retinal structure and in neural tube closure (Knobloch syndrome). <i>Human Molecular Genetics</i> , 2000, 9, 2051-2058.	1.4	259
117	Identification of human chromosome 22 transcribed sequences with ORF expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12690-12693.	3.3	70
118	Mapping analysis of the <i>Xylella fastidiosa</i> genome. <i>Nucleic Acids Research</i> , 2000, 28, 3100-3104.	6.5	18
119	Evolution and the inevitability of human cancer. <i>Seminars in Cancer Biology</i> , 1998, 8, 439-445.	4.3	8
120	Introduction. <i>Seminars in Cancer Biology</i> , 1998, 8, 403-405.	4.3	1
121	Construction and Characterization of a <i>Plasmodium vivax</i> Genomic Library in Yeast Artificial Chromosomes. <i>Genomics</i> , 1997, 42, 467-473.	1.3	26
122	Construction and rapid screening of a representative yeast artificial chromosome library from the <i>Plasmodium falciparum</i> strain Dd2. <i>Parasitology Research</i> , 1996, 83, 87-89.	0.6	7