

Ana Carolina de Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

22,414
citations

87843

38
h-index

110317

64
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71
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docs citations

71
times ranked

31712
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive magnetogenoassay for detection of microRNA for diagnosis of metastatic lymph nodes in head and neck cancer using disposable electrodes. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131040.	4.0	4
2	Accuracy and Clinical Relevance of Intra-Tumoral <i>Fusobacterium nucleatum</i> Detection in Formalin-Fixed Paraffin-Embedded (FFPE) Tissue by Droplet Digital PCR (ddPCR) in Colorectal Cancer. <i>Diagnostics</i> , 2022, 12, 114.	1.3	3
3	Human Papillomavirus DNA Detection by Droplet Digital PCR in Formalin-Fixed Paraffin-Embedded Tumor Tissue from Oropharyngeal Squamous Cell Carcinoma Patients. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 59-70.	1.6	6
4	The Role of <i>Fusobacterium nucleatum</i> in Colorectal Carcinogenesis. <i>Pathobiology</i> , 2021, 88, 127-140.	1.9	15
5	DNA Methylation Markers from Negative Surgical Margins Can Predict Recurrence of Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 2915.	1.7	11
6	HPV-Induced Oropharyngeal Squamous Cell Carcinomas in Brazil: Prevalence, Trend, Clinical, and Epidemiologic Characterization. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1697-1707.	1.1	5
7	A Nanomechanical Genosensor Using Functionalized Cantilevers to Detect the Cancer Biomarkers miRNA-203 and miRNA-205. <i>IEEE Sensors Journal</i> , 2020, 20, 2860-2867.	2.4	6
8	Feasibility of methylated ctDNA detection in plasma samples of oropharyngeal squamous cell carcinoma patients. <i>Head and Neck</i> , 2020, 42, 3307-3315.	0.9	9
9	Impact of genetic variants in clinical outcome of a cohort of patients with oropharyngeal squamous cell carcinoma. <i>Scientific Reports</i> , 2020, 10, 9970.	1.6	7
10	TERT Promoter Mutation C228T Increases Risk for Tumor Recurrence and Death in Head and Neck Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 1275.	1.3	18
11	In-depth transcriptome reveals the potential biotechnological application of <i>Bothrops jararaca</i> venom gland. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190058.	0.8	4
12	Clinical and Molecular Characterization of Surgically Treated Oropharynx Squamous Cell Carcinoma Samples. <i>Pathology and Oncology Research</i> , 2019, 25, 1047-1058.	0.9	11
13	Microbiota Profile and Impact of <i>Fusobacterium nucleatum</i> in Colorectal Cancer Patients of Barretos Cancer Hospital. <i>Frontiers in Oncology</i> , 2019, 9, 813.	1.3	43
14	The role of single-nucleotide polymorphism (SNPs) in toxicity of induction chemotherapy based on cisplatin and paclitaxel in patients with advanced head and neck cancer. <i>Oral Oncology</i> , 2019, 98, 48-52.	0.8	8
15	Mutation profiling of cancer drivers in Brazilian colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 13687.	1.6	31
16	An Integrated TCGA Pan-Cancer Clinical Data Resource to Drive High-Quality Survival Outcome Analytics. <i>Cell</i> , 2018, 173, 400-416.e11.	13.5	2,277
17	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018, 173, 371-385.e18.	13.5	1,670
18	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. <i>Cell</i> , 2018, 173, 291-304.e6.	13.5	1,718

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19	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. <i>Cell</i> , 2018, 173, 386-399.e12.	13.5	228
20	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. <i>Cell</i> , 2018, 173, 305-320.e10.	13.5	272
21	Machine Learning Identifies Stemness Features Associated with Oncogenic Dedifferentiation. <i>Cell</i> , 2018, 173, 338-354.e15.	13.5	1,417
22	Oncogenic Signaling Pathways in The Cancer Genome Atlas. <i>Cell</i> , 2018, 173, 321-337.e10.	13.5	2,111
23	Pathogenic Germline Variants in 10,389 Adult Cancers. <i>Cell</i> , 2018, 173, 355-370.e14.	13.5	620
24	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. <i>Cell Reports</i> , 2018, 23, 282-296.e4.	2.9	333
25	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018, 23, 227-238.e3.	2.9	407
26	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018, 23, 194-212.e6.	2.9	245
27	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. <i>Cell Reports</i> , 2018, 23, 297-312.e12.	2.9	205
28	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. <i>Cell Reports</i> , 2018, 23, 313-326.e5.	2.9	523
29	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. <i>Cell Reports</i> , 2018, 23, 181-193.e7.	2.9	683
30	The Immune Landscape of Cancer. <i>Immunity</i> , 2018, 48, 812-830.e14.	6.6	3,706
31	Machine Learning Detects Pan-cancer Ras Pathway Activation in The Cancer Genome Atlas. <i>Cell Reports</i> , 2018, 23, 172-180.e3.	2.9	119
32	Integrated Genomic Analysis of the Ubiquitin Pathway across Cancer Types. <i>Cell Reports</i> , 2018, 23, 213-226.e3.	2.9	83
33	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. <i>Cell Reports</i> , 2018, 23, 239-254.e6.	2.9	801
34	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. <i>Cell Reports</i> , 2018, 23, 255-269.e4.	2.9	204
35	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. <i>Cell Reports</i> , 2018, 23, 270-281.e3.	2.9	177
36	In vitro and in silico validation of CA3 and FHL1 downregulation in oral cancer. <i>BMC Cancer</i> , 2018, 18, 193.	1.1	6

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37	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. <i>Cell Systems</i> , 2018, 6, 271-281.e7.	2.9	605
38	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. <i>Cell Systems</i> , 2018, 6, 282-300.e2.	2.9	284
39	lncRNA Epigenetic Landscape Analysis Identifies EPIC1 as an Oncogenic lncRNA that Interacts with MYC and Promotes Cell-Cycle Progression in Cancer. <i>Cancer Cell</i> , 2018, 33, 706-720.e9.	7.7	400
40	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018, 33, 676-689.e3.	7.7	750
41	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018, 33, 721-735.e8.	7.7	396
42	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. <i>Cancer Cell</i> , 2018, 33, 690-705.e9.	7.7	478
43	Serum, plasma and saliva biomarkers for head and neck cancer. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 85-112.	1.5	117
44	A Pan-Cancer Analysis Reveals High-Frequency Genetic Alterations in Mediators of Signaling by the TGF- β Superfamily. <i>Cell Systems</i> , 2018, 7, 422-437.e7.	2.9	134
45	Microfluidic-Based Genosensor To Detect Human Papillomavirus (HPV16) for Head and Neck Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36757-36763.	4.0	35
46	Methylation of the hsa-miR-124, SOX1, TERT, and LMX1A genes as biomarkers for precursor lesions in cervical cancer. <i>Gynecologic Oncology</i> , 2018, 150, 545-551.	0.6	44
47	Comprehensive Analysis of Alternative Splicing Across Tumors from 8,705 Patients. <i>Cancer Cell</i> , 2018, 34, 211-224.e6.	7.7	623
48	Construction and characterization of a new TRAIL soluble form, active at picomolar concentrations. <i>Oncotarget</i> , 2018, 9, 27233-27241.	0.8	5
49	MiR-21 as prognostic biomarker in head and neck squamous cell carcinoma patients undergoing an organ preservation protocol. <i>Oncotarget</i> , 2017, 8, 9911-9921.	0.8	48
50	Genetic and epigenetic characterization of the BRCA1 gene in Brazilian women at-risk for hereditary breast cancer. <i>Oncotarget</i> , 2017, 8, 2850-2862.	0.8	4
51	Anti-EGFR Therapy: Strategies in Head and Neck Squamous Cell Carcinoma. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 170-183.	0.8	15
52	Expression of miR-296-5p as predictive marker for radiotherapy resistance in early-stage laryngeal carcinoma. <i>Journal of Translational Medicine</i> , 2015, 13, 262.	1.8	50
53	Validation of methylation markers for diagnosis of oral cavity cancer. <i>European Journal of Cancer</i> , 2015, 51, 632-641.	1.3	44
54	Accuracy of microRNAs as markers for the detection of neck lymph node metastases in patients with head and neck squamous cell carcinoma. <i>BMC Medicine</i> , 2015, 13, 108.	2.3	33

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55	FOXP3 and CTLA4 overexpression in multiple myeloma bone marrow as a sign of accumulation of CD4+ T regulatory cells. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 1189-1197.	2.0	65
56	Evaluation of the methylation profile of exfoliated cell samples from patients with head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2014, 36, 631-637.	0.9	15
57	Methylation as a biomarker for head and neck cancer. <i>Oral Oncology</i> , 2014, 50, 587-592.	0.8	89
58	Abstract 1481: miR-296 as prognostic and predictive molecular marker for recurrence in early-stage laryngeal carcinoma treated with definitive radiotherapy. , 2014, , .		0
59	TIMP3 and CCNA1 hypermethylation in HNSCC is associated with an increased incidence of second primary tumors. <i>Journal of Translational Medicine</i> , 2013, 11, 316.	1.8	36
60	Prognostic significance of TIMP3 hypermethylation in post-treatment salivary rinse from head and neck squamous cell carcinoma patients. <i>Carcinogenesis</i> , 2013, 34, 20-27.	1.3	52
61	PP033. <i>Oral Oncology</i> , 2013, 49, S104-S105.	0.8	0
62	Search for mutations in signaling pathways in head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2013, 30, 334-340.	1.2	18
63	Aberrant DNA methylation of ESR1 and p14ARF genes could be useful as prognostic indicators in osteosarcoma. <i>OncoTargets and Therapy</i> , 2013, 6, 713.	1.0	14
64	Clinical significance of molecular alterations in histologically negative surgical margins of head and neck cancer patients. <i>Oral Oncology</i> , 2012, 48, 240-248.	0.8	45
65	Abstract 5050: MicroRNAs profiling in salivary rinse from patients with head and neck squamous cells carcinoma. , 2012, , .		0
66	Abstract 4806: Claudin downregulation in head and neck squamous cell carcinoma (HNSCC) may be caused by aberrant promoter methylation. , 2011, , .		0
67	Abstract 4808: Detection of aberrant DNA methylation in saliva samples as a predictor of recurrence in head and neck squamous cell carcinoma patients. , 2011, , .		0
68	Claudin 7 downregulation is an important feature in oral squamous cell carcinoma. <i>Histopathology</i> , 2010, 57, 689-698.	1.6	23
69	Abstract 2954: Overexpression of specific genes in surgical margins of head and neck squamous cell carcinoma patients may predict a significantly increased risk of recurrence. , 2010, , .		0
70	Abstract 4910: Identification of putative epigenetic markers for head and neck squamous cell carcinoma recurrence. , 2010, , .		0