

Jos Fregnani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

2,796
citations

25
h-index

49
g-index

126
ext. papers

3,609
ext. citations

3.5
avg, IF

4.56
L-index

#	Paper	IF	Citations
121	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. <i>Cell Reports</i> , 2018 , 23, 181-193.e7	10.6	366
120	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. <i>Cell Systems</i> , 2018 , 6, 271-281.e7	10.6	320
119	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. <i>Cell Reports</i> , 2018 , 23, 282-296.e4	10.6	188
118	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	10.6	159
117	Prognostic value of NDRG1 and SPARC protein expression in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2011 , 126, 1-14	4.4	76
116	Machine Learning Detects Pan-cancer Ras Pathway Activation in The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 172-180.e3	10.6	66
115	Noninvasive ventilation in immunocompromised pediatric patients: eight years of experience in a pediatric oncology intensive care unit. <i>Journal of Pediatric Hematology/Oncology</i> , 2008 , 30, 533-8	1.2	64
114	The influence of transforming growth factor- β -cyclooxygenase-2, matrix metalloproteinase (MMP)-7, MMP-9 and CXCR4 proteins involved in epithelial-mesenchymal transition on overall survival of patients with gastric cancer. <i>Histopathology</i> , 2012 , 61, 153-61	7.3	59
113	ERBB4 confers metastatic capacity in Ewing sarcoma. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1087-102	12	59
112	Burnout among medical students during the first years of undergraduate school: Prevalence and associated factors. <i>PLoS ONE</i> , 2018 , 13, e0191746	3.7	56
111	Down-regulation of PHLDA1 gene expression is associated with breast cancer progression. <i>Breast Cancer Research and Treatment</i> , 2007 , 106, 49-56	4.4	54
110	Carbon Nanotube Matrix for Highly Sensitive Biosensors To Detect Pancreatic Cancer Biomarker CA19-9. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25878-25886	9.5	53
109	Racial/Ethnic Disparities in Cervical Cancer Screening and Outcomes. <i>Acta Cytologica</i> , 2016 , 60, 518-526	3	49
108	KRAS and BRAF mutations and MSI status in precursor lesions of colorectal cancer detected by colonoscopy. <i>Oncology Reports</i> , 2014 , 32, 1419-26	3.5	39
107	Immunosensor for Pancreatic Cancer Based on Electrospun Nanofibers Coated with Carbon Nanotubes or Gold Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 6975-6983	3.9	37
106	Assessment of pelvic lymph node micrometastatic disease in stages IB and IIA of carcinoma of the uterine cervix. <i>International Journal of Gynecological Cancer</i> , 2006 , 16, 1188-94	3.5	37
105	Cell adhesion and communication proteins are differentially expressed in melanoma progression model. <i>Human Pathology</i> , 2011 , 42, 409-18	3.7	35

104	Down-regulation of the candidate tumor suppressor gene PAR-4 is associated with poor prognosis in breast cancer. <i>International Journal of Oncology</i> , 2010 , 37, 41-9	4.4	34
103	Anatomy of the Thoracic Wall, Axilla and Breast. <i>International Journal of Morphology</i> , 2006 , 24, 691	0.5	32
102	A school-based human papillomavirus vaccination program in barretos, Brazil: final results of a demonstrative study. <i>PLoS ONE</i> , 2013 , 8, e62647	3.7	31
101	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	4.9	30
100	Evaluation of estrogen receptor alpha, estrogen receptor beta, progesterone receptor, and cKIT expression in desmoids tumors and their role in determining treatment options. <i>BioScience Trends</i> , 2010 , 4, 25-30	9.9	30
99	Self-collection for high-risk HPV detection in Brazilian women using the careHPV test. <i>Gynecologic Oncology</i> , 2013 , 131, 131-4	4.9	28
98	HPV Vaccine: Updates and Highlights. <i>Acta Cytologica</i> , 2019 , 63, 159-168	3	25
97	Human papillomavirus genotypes distribution in 175 invasive cervical cancer cases from Brazil. <i>BMC Cancer</i> , 2013 , 13, 357	4.8	25
96	The Accuracy of p16/Ki-67 and HPV Test in the Detection of CIN2/3 in Women Diagnosed with ASC-US or LSIL. <i>PLoS ONE</i> , 2015 , 10, e0134445	3.7	25
95	Melanoma characteristics in Brazil: demographics, treatment, and survival analysis. <i>BMC Research Notes</i> , 2015 , 8, 4	2.3	24
94	SOD2 immunoexpression predicts lymph node metastasis in penile cancer. <i>BMC Clinical Pathology</i> , 2015 , 15, 3	3	23
93	Pre-treatment MRI minimum apparent diffusion coefficient value is a potential prognostic imaging biomarker in cervical cancer patients treated with definitive chemoradiation. <i>BMC Cancer</i> , 2016 , 16, 556	4.8	23
92	HER2 in gastric cancer: comparative analysis of three different antibodies using whole-tissue sections and tissue microarrays. <i>World Journal of Gastroenterology</i> , 2013 , 19, 6438-46	5.6	23
91	High-resolution microendoscopy: a point-of-care diagnostic for cervical dysplasia in low-resource settings. <i>European Journal of Cancer Prevention</i> , 2017 , 26, 63-70	2	21
90	Historical Analysis of the Brazilian Cervical Cancer Screening Program from 2006 to 2013: A Time for Reflection. <i>PLoS ONE</i> , 2015 , 10, e0138945	3.7	21
89	Loss of RKIP expression during the carcinogenic evolution of endometrial cancer. <i>Journal of Clinical Pathology</i> , 2012 , 65, 122-8	3.9	21
88	Comparison of biological behavior between early-stage adenocarcinoma and squamous cell carcinoma of the uterine cervix. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008 , 136, 215-23	2.4	21
87	Optical coherence tomography (OCT) features of nevi and melanomas and their association with intraepidermal or dermal involvement: A pilot study. <i>Journal of the American Academy of Dermatology</i> , 2015 , 73, 315-7	4.5	20

86	A simple architecture with self-assembled monolayers to build immunosensors for detecting the pancreatic cancer biomarker CA19-9. <i>Analyst, The</i> , 2018 , 143, 3302-3308	5	20
85	Diagnosing Cervical Neoplasia in Rural Brazil Using a Mobile Van Equipped with Microscopy: A Cluster-Randomized Community Trial. <i>Cancer Prevention Research</i> , 2018 , 11, 359-370	3.2	19
84	Effect of adjuvant chemoradiotherapy on overall survival of gastric cancer patients submitted to D2 lymphadenectomy. <i>Gastric Cancer</i> , 2013 , 16, 233-8	7.6	19
83	Claudin-7 down-regulation is an important feature in oral squamous cell carcinoma. <i>Histopathology</i> , 2010 , 57, 689-98	7.3	17
82	NDRG1 protein overexpression in malignant thyroid neoplasms. <i>Clinics</i> , 2010 , 65, 757-62	2.3	17
81	Cadherin-catenin adhesion system and mucin expression: a comparison between young and older patients with gastric carcinoma. <i>Gastric Cancer</i> , 2008 , 11, 149-59	7.6	17
80	Cervicovaginal cytology in patients undergoing pelvic radiotherapy using the Focalpoint system: results from the RODEO study. <i>Diagnostic Pathology</i> , 2015 , 10, 1	3	16
79	High-level of viral genomic diversity in cervical cancers: A Brazilian study on human papillomavirus type 16. <i>Infection, Genetics and Evolution</i> , 2015 , 34, 44-51	4.5	16
78	Digital photography in skin cancer screening by mobile units in remote areas of Brazil. <i>BMC Dermatology</i> , 2014 , 14, 19	2.1	16
77	Can the careHPV test performed in mobile units replace cytology for screening in rural and remote areas?. <i>Cancer Cytopathology</i> , 2016 , 124, 581-8	3.9	16
76	Modified radical mastectomy: a pilot clinical trial comparing the use of conventional electric scalpel and harmonic scalpel. <i>International Journal of Surgery</i> , 2013 , 11, 496-500	7.5	15
75	HPV infection and p53 and p16 expression in esophageal cancer: are they prognostic factors?. <i>Infectious Agents and Cancer</i> , 2017 , 12, 54	3.5	12
74	Trend analysis of the quality indicators for the Brazilian cervical cancer screening programme by region and state from 2006 to 2013. <i>BMC Cancer</i> , 2018 , 18, 126	4.8	12
73	Performance and reproducibility of gynecologic cytology interpretation using the FocalPoint system: results of the RODEO Study Team. <i>American Journal of Clinical Pathology</i> , 2013 , 140, 567-71	1.9	12
72	Evaluation of prognostic factors in stage IIA breast tumors and their correlation with mortality risk. <i>Clinics</i> , 2011 , 66, 607-12	2.3	12
71	Absence of Tumor-Infiltrating Lymphocyte Is a Reproducible Predictive Factor for Sentinel Lymph Node Metastasis: A Multicenter Database Study by the Brazilian Melanoma Group. <i>PLoS ONE</i> , 2016 , 11, e0148160	3.7	12
70	A Low-Cost HPV Immunochromatographic Assay to Detect High-Grade Cervical Intraepithelial Neoplasia. <i>PLoS ONE</i> , 2016 , 11, e0164892	3.7	12
69	Analysis of Scanning Electron Microscopy Images To Investigate Adsorption Processes Responsible for Detection of Cancer Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5885-5890	9.5	11

68	Telementoring in gynecologic oncology training: changing lives in Mozambique. <i>International Journal of Gynecological Cancer</i> , 2020 , 30, 150-151	3.5	10
67	Is Proflavine Exposure Associated with Disease Progression in Women with Cervical Dysplasia? A Brief Report. <i>Photochemistry and Photobiology</i> , 2018 , 94, 1308-1313	3.6	10
66	Isolated limb infusion with hyperthermia and chemotherapy for advanced limb malignancy: factors influencing toxicity. <i>ANZ Journal of Surgery</i> , 2014 , 84, 677-82	1	10
65	Mathematical model to predict risk for lymphoedema after treatment of cutaneous melanoma. <i>International Journal of Surgery</i> , 2011 , 9, 306-9	7.5	10
64	Overall survival and time trends in breast and cervical cancer incidence and mortality in the Regional Health District (RHD) of Barretos, S Paulo, Brazil. <i>BMC Cancer</i> , 2018 , 18, 1079	4.8	10
63	A mobile-phone based high-resolution microendoscope to image cervical precancer. <i>PLoS ONE</i> , 2019 , 14, e0211045	3.7	9
62	The performance of mobile screening units in a breast cancer screening program in Brazil. <i>Cancer Causes and Control</i> , 2018 , 29, 233-241	2.8	9
61	EGFR expression in acquired middle ear cholesteatoma in children and adults. <i>European Journal of Pediatrics</i> , 2012 , 171, 307-10	4.1	9
60	The significance of augmented high-grade squamous intraepithelial lesion detection on pap test examination: partial results from the RODEO study team. <i>Acta Cytologica</i> , 2013 , 57, 489-94	3	9
59	NF-B and COX-2 expression in nonmalignant endometrial lesions and cancer. <i>American Journal of Clinical Pathology</i> , 2014 , 141, 196-203	1.9	9
58	Isolated limb perfusion with hyperthermia and chemotherapy: predictive factors for regional toxicity. <i>Clinics</i> , 2012 , 67, 237-41	2.3	9
57	Absence of the musculocutaneous nerve: a rare anatomical variation with possible clinical-surgical implications. <i>Sao Paulo Medical Journal</i> , 2008 , 126, 288-90	1.6	9
56	Clinical characteristics of women diagnosed with carcinoma who tested positive for cervical and anal high-risk human papillomavirus DNA and E6 RNA. <i>Tumor Biology</i> , 2015 , 36, 5399-405	2.9	8
55	Prognostic scores after surgical treatment for cervical intraepithelial neoplasia: a proposed model and possible implications for post-operative follow-up. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2014 , 93, 941-8	3.8	8
54	Analysis of histopathological aspects in acquired middle ear cholesteatoma. <i>Brazilian Journal of Otorhinolaryngology</i> , 2008 , 74, 835-841	1.6	8
53	Retrospective analysis of breast cancer prognosis among young and older women in a Brazilian cohort of 738 patients, 1985-2002. <i>Oncology Letters</i> , 2016 , 12, 4911-4924	2.6	8
52	Prognostic implications of phosphatidylinositol 3-kinase/AKT signaling pathway activation in gastric carcinomas. <i>Archives of Medical Science</i> , 2017 , 13, 1262-1268	2.9	7
51	High-Risk Human Papillomavirus Detection in Urine Samples From a Referral Population With Cervical Biopsy-Proven High-Grade Lesions. <i>Journal of Lower Genital Tract Disease</i> , 2018 , 22, 17-20	3.6	7

50	Organized Cervical Cancer Screening Program in Barretos, Brazil: Experience in 18 Municipalities of São Paulo State. <i>Acta Cytologica</i> , 2018 , 62, 19-27	3	7
49	Comparative analysis of basaloid and conventional squamous cell carcinomas of the esophagus: prognostic relevance of clinicopathological features and protein expression. <i>Tumor Biology</i> , 2016 , 37, 6691-9	2.9	7
48	Surgical site infection: an observer-blind, randomized trial comparing electrocautery and conventional scalpel. <i>International Journal of Surgery</i> , 2014 , 12, 681-7	7.5	7
47	Identification of protein expression signatures in gastric carcinomas using clustering analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012 , 27, 378-84	4	7
46	Could alarmingly high rates of negative diagnoses in remote rural areas be minimized with liquid-based cytology? Preliminary results from the RODEO Study Team. <i>Acta Cytologica</i> , 2013 , 57, 69-74 ³		7
45	Characterization of p16 and E6 HPV-related proteins in uterine cervix high-grade lesions of patients treated by conization with large loop excision. <i>Oncology Letters</i> , 2013 , 6, 63-68	2.6	7
44	Evaluation of the psychometric properties of the Functional Assessment of Cancer Therapy-Cervix questionnaire in Brazil. <i>PLoS ONE</i> , 2013 , 8, e77947	3.7	7
43	Intensity of cervical inflammatory reaction as a risk factor for recurrence of carcinoma of the uterine cervix in stages IB and IIA. <i>Sao Paulo Medical Journal</i> , 2007 , 125, 231-6	1.6	7
42	Predicting the necessity of adding catheters to intracavitary brachytherapy for women undergoing definitive chemoradiation for locally advanced cervical cancer. <i>Brachytherapy</i> , 2018 , 17, 935-943	2.4	6
41	The Role of Self-Collection by Vaginal Lavage for the Detection of HPV and High-Grade Intraepithelial Neoplasia. <i>Acta Cytologica</i> , 2017 , 61, 425-433	3	6
40	TNF-R2 expression in acquired middle ear cholesteatoma. <i>Brazilian Journal of Otorhinolaryngology</i> , 2011 , 77, 531-536	1.6	6
39	Lymphatic Drainage of the Breast: from Theory to Surgical Practice. <i>International Journal of Morphology</i> , 2009 , 27,	0.5	6
38	Evaluation of HPV Molecular Tests in Primary Screening for Cervical Cancer in Brazil. <i>Open Journal of Obstetrics and Gynecology</i> , 2014 , 04, 470-478	0.1	6
37	Comparison of a New-generation Fecal Immunochemical Test (FIT) With Guaiac Fecal Occult Blood Test (gFOBT) in Detecting Colorectal Neoplasia Among Colonoscopy-referral Patients. <i>Anticancer Research</i> , 2019 , 39, 261-269	2.3	6
36	Characterization of topoisomerase II and minichromosome maintenance protein 2 expression in anal carcinoma. <i>Oncology Letters</i> , 2017 , 13, 1891-1898	2.6	5
35	Prognostication of soft tissue sarcomas based on chromosome 17q gene and protein status: evaluation of TOP2A, HER-2/neu, and survivin. <i>Annals of Surgical Oncology</i> , 2012 , 19, 1790-9	3.1	5
34	Role of P-selectin in thromboembolic events in patients with cancer. <i>Molecular and Clinical Oncology</i> , 2018 , 8, 188-196	1.6	5
33	Comparative histological study on wound healing on rat's skin treated with Mitomycin C or Clobetasol propionate. <i>Acta Cirurgica Brasileira</i> , 2015 , 30, 593-7	1.6	5

32	Preservation of pregnancy in a patient with acute abdominal pain secondary to advanced and hemorrhagic yolk sac tumor of the right ovary. <i>Journal of Clinical Oncology</i> , 2011 , 29, e758-62	2.2	5
31	Benign Inclusions in Lymph Nodes. <i>International Journal of Morphology</i> , 2007 , 25,	0.5	5
30	Comparison of the Cervex-Brush [®] Combi and the Cytobrush+Ayres Spatula Combination for Cervical Sampling in Liquid-Based Cytology. <i>PLoS ONE</i> , 2016 , 11, e0164077	3.7	5
29	Reflectance confocal microscopy features of BRAF V600E mutated thin melanomas detected by immunohistochemistry. <i>PLoS ONE</i> , 2017 , 12, e0179745	3.7	5
28	Implementation of a Cervical Cancer Screening Strategy Using HPV Self-Sampling for Women Living in Rural Areas. <i>Acta Cytologica</i> , 2020 , 64, 7-15	3	5
27	Eficácia do uso de placebo em pesquisa clínica: proposta de algoritmos decisórios. <i>Revista Bioetica</i> , 2015 , 23, 456-467	0.4	4
26	Is the gastrointestinal stromal tumor arising in the rectovaginal septum an extragastrointestinal entity? A time for reflection. <i>International Journal of Colorectal Disease</i> , 2011 , 26, 387-9	3	4
25	Histological analysis of the distribution pattern of glandular tissue in normal inferior nasal turbinates. <i>Brazilian Journal of Otorhinolaryngology</i> , 2009 , 75, 507-510	1.6	4
24	Prevalence of high risk HPV DNA in esophagus is high in Brazil but not related to esophageal squamous cell carcinoma. <i>Histology and Histopathology</i> , 2018 , 33, 357-363	1.4	4
23	Randomized clinical trial comparing cold knife conization of the cervix with and without lateral hemostatic sutures. <i>International Journal of Surgery</i> , 2015 , 18, 224-9	7.5	3
22	Methodological study to evaluate the psychometric properties of FACIT-CD in a sample of Brazilian women with cervical intraepithelial neoplasia. <i>BMC Cancer</i> , 2017 , 17, 686	4.8	3
21	The impact of immunohistochemical expression of nitric oxide synthases on clinical and pathological features of renal cell carcinoma. <i>World Journal of Urology</i> , 2013 , 31, 1197-203	4	3
20	Treatment of rectal adenocarcinoma by laparoscopy and conventional route: a brazilian comparative study on operative time, postoperative complications, oncological radicality and survival. <i>Revista Do Colegio Brasileiro De Cirurgicoes</i> , 2011 , 38, 245-52	0.5	3
19	Cervical lesion assessment using real-time microendoscopy image analysis in Brazil: The CLARA study. <i>International Journal of Cancer</i> , 2021 , 149, 431-441	7.5	3
18	Detection of HPV E6 oncoprotein from urine via a novel immunochromatographic assay. <i>PLoS ONE</i> , 2020 , 15, e0232105	3.7	3
17	Identification and performance evaluation of housekeeping genes for microRNA expression normalization by reverse transcription-quantitative PCR using liquid-based cervical cytology samples. <i>Oncology Letters</i> , 2019 , 18, 4753-4761	2.6	2
16	High-resolution microendoscopy (HRME): A low-cost, point-of-care alternative to colposcopy and biopsies?. <i>Gynecologic Oncology</i> , 2015 , 137, 17	4.9	2
15	Oncoplastic Breast Surgery without Radiotherapy in Mozambique. <i>Breast Journal</i> , 2017 , 23, 243-245	1.2	2

14	Extent of pelvic lymphadenectomy in women with squamous cell carcinoma of the uterine cervix: is there any prognostic value?. <i>Journal of Surgical Oncology</i> , 2009 , 100, 252-7	2.8	2
13	Evaluation of Elafin Immunohistochemical Expression as Marker of Cervical Cancer Severity. <i>Acta Cytologica</i> , 2021 , 65, 165-174	3	2
12	DNA Recovery Using Ethanol-Based Liquid Medium from FTA Card-Stored Samples for HPV Detection. <i>Acta Cytologica</i> , 2021 , 65, 264-271	3	2
11	The Quality of Pap Smears from the Brazilian Cervical Cancer Screening Program According to the Human Development Index. <i>Cancer Prevention Research</i> , 2020 , 13, 299-308	3.2	1
10	Translation and cultural adaptation of the Functional Assessment of Chronic Illness Therapy - Cervical Dysplasia (FACIT-CD) to evaluate quality of life in women with cervical intraepithelial neoplasia. <i>Einstein (Sao Paulo, Brazil)</i> , 2017 , 15, 155-161	1.2	1
9	Comparative assessment between objective and subjective methods in slides stained by immunohistochemistry. <i>Brazilian Journal of Otorhinolaryngology</i> , 2013 , 79, 704-8	1.6	1
8	Method for removal of samples of ear canal and tympanic membrane for histologic and immunohistochemical study. <i>Brazilian Journal of Otorhinolaryngology</i> , 2012 , 78, 37-42	1.6	1
7	Retrospective Analysis of the Role of Antibiotic Prophylaxis in the Placement and Replacement of Percutaneous Nephrostomy Catheters in Patients with Malignant Ureteral Obstruction. <i>Journal of Palliative Medicine</i> , 2020 , 23, 686-691	2.2	1
6	Multi-task network for automated analysis of high-resolution endomicroscopy images to detect cervical precancer and cancer.. <i>Computerized Medical Imaging and Graphics</i> , 2022 , 97, 102052	7.6	1
5	Correction, article no. 3671: Importance of the patient's clinical questionnaire for the diagnosis of skin cancer through teledermatology in remote areas of Brazil. <i>Rural and Remote Health</i> , 2017 , 17, 4496	1.3	1
4	Evaluation of human papillomavirus self-collection offered by community health workers at home visits among under-screened women in Brazil. <i>Journal of Medical Screening</i> , 2021 , 28, 163-168	1.4	0
3	Menopausal status: a possible predictive factor for recurrence in women with cancer of the uterine cervix without pelvic lymph node metastasis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2009 , 146, 204-9	2.4	
2	Evaluation of inter-rater reliability of subjective and objective criteria for diagnosis of lymphedema in upper and lower limbs. <i>Jornal Vascular Brasileiro</i> , 2015 , 14, 16-21	0.9	
1	Análise dos padrões histopatológicos do colesteatoma adquirido da orelha média. <i>Revista Brasileira De Otorrinolaringologia</i> , 2008 , 74, 835-841		