

Catarina Eloy

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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.

79
papers

1,985
citations

19
h-index

43
g-index

88
ext. papers

2,504
ext. citations

3.6
avg, IF

4.64
L-index

#	Paper	IF	Citations
79	Classification of breast cancer histology images using Convolutional Neural Networks. <i>PLoS ONE</i> , 2017 , 12, e0177544	3.7	431
78	TERT promoter mutations are a major indicator of poor outcome in differentiated thyroid carcinomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E754-65	5.6	357
77	BACH: Grand challenge on breast cancer histology images. <i>Medical Image Analysis</i> , 2019 , 56, 122-139	15.4	176
76	Follicular thyroid carcinoma. <i>Modern Pathology</i> , 2011 , 24 Suppl 2, S10-8	9.8	96
75	Genetic alterations in poorly differentiated and undifferentiated thyroid carcinomas. <i>Current Genomics</i> , 2011 , 12, 609-17	2.6	61
74	The preeminence of growth pattern and invasiveness and the limited influence of BRAF and RAS mutations in the occurrence of papillary thyroid carcinoma lymph node metastases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011 , 459, 265-76	5.1	42
73	Automatic classification of tissue malignancy for breast carcinoma diagnosis. <i>Computers in Biology and Medicine</i> , 2018 , 96, 41-51	7	38
72	RET/PTC rearrangement is prevalent in follicular Hürthle cell carcinomas. <i>Histopathology</i> , 2012 , 61, 833-43	7.3	37
71	NIS expression in thyroid tumors, relation with prognosis clinicopathological and molecular features. <i>Endocrine Connections</i> , 2018 , 7, 78-90	3.5	35
70	TGF-beta/Smad pathway and BRAF mutation play different roles in circumscribed and infiltrative papillary thyroid carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012 , 460, 587-600	5.1	34
69	Cribiform-morular variant of thyroid carcinoma: a neoplasm with distinctive phenotype associated with the activation of the WNT/βcatenin pathway. <i>Modern Pathology</i> , 2018 , 31, 1168-1179	9.8	32
68	Hobnail Variant of Papillary Thyroid Carcinoma: Clinicopathologic and Molecular Evidence of Progression to Undifferentiated Carcinoma in 2 Cases. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 854-860	6.7	31
67	Cribiform-morular variant of papillary thyroid carcinoma displaying poorly differentiated features. <i>International Journal of Surgical Pathology</i> , 2013 , 21, 379-89	1.2	29
66	mTOR activation in medullary thyroid carcinoma with RAS mutation. <i>European Journal of Endocrinology</i> , 2014 , 171, 633-40	6.5	27
65	C-cell-derived calcitonin-free neuroendocrine carcinoma of the thyroid: the diagnostic importance of CGRP immunoreactivity. <i>International Journal of Surgical Pathology</i> , 2014 , 22, 530-5	1.2	24
64	Small-cell (basaloid) thyroid carcinoma: a neoplasm with a solid cell nest histogenesis?. <i>International Journal of Surgical Pathology</i> , 2011 , 19, 620-6	1.2	23
63	Early cardiac changes induced by a hypercaloric Western-type diet in "subclinical" obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H655-66	5.2	22

62	Carcinoma of the thyroid with ewing family tumor elements and favorable prognosis: report of a second case. <i>International Journal of Surgical Pathology</i> , 2014 , 22, 260-5	1.2	22
61	Osteopontin-a splice variant is overexpressed in papillary thyroid carcinoma and modulates invasive behavior. <i>Oncotarget</i> , 2016 , 7, 52003-52016	3.3	21
60	Malignant teratoid tumor of the thyroid gland: an aggressive primitive multiphenotypic malignancy showing organotypical elements and frequent DICER1 alterations-is the term "thyroblastoma" more appropriate?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 477, 787-798	5.1	19
59	Composite adenomatoid tumor and myelolipoma of adrenal gland: report of 2 cases. <i>Archives of Pathology and Laboratory Medicine</i> , 2008 , 132, 265-7	5	19
58	Osteopontin expression is correlated with differentiation and good prognosis in medullary thyroid carcinoma. <i>European Journal of Endocrinology</i> , 2016 , 174, 551-61	6.5	18
57	Intratumoural lymph vessel density is related to presence of lymph node metastases and separates encapsulated from infiltrative papillary thyroid carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011 , 459, 595-605	5.1	18
56	Abdominal inflammatory myofibroblastic tumor a clinicopathologic study with reappraisal of biologic behavior. <i>Journal of Pediatric Surgery</i> , 2011 , 46, 2076-82	2.6	17
55	Tumor-in-tumor of the thyroid with basaloid differentiation: a lesion with a solid cell nest neoplastic component?. <i>International Journal of Surgical Pathology</i> , 2011 , 19, 276-80	1.2	17
54	mTOR Pathway in Papillary Thyroid Carcinoma: Different Contributions of mTORC1 and mTORC2 Complexes for Tumor Behavior and mRNA Expression. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
53	Carcinoma of the thyroid with Ewing/PNET family tumor elements: a tumor of unknown histogenesis. <i>International Journal of Surgical Pathology</i> , 2014 , 22, 579-81	1.2	16
52	Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. <i>Cancer Cytopathology</i> , 2020 , 128, 885-894	3.9	16
51	CRABP1, C1QL1 and LCN2 are biomarkers of differentiated thyroid carcinoma, and predict extrathyroidal extension. <i>BMC Cancer</i> , 2018 , 18, 68	4.8	15
50	Follicular thyroid carcinoma with an unusual glomeruloid pattern of growth. <i>Human Pathology</i> , 2008 , 39, 1540-7	3.7	15
49	Small cell tumors of the thyroid gland: a review. <i>International Journal of Surgical Pathology</i> , 2014 , 22, 197-201	1.2	14
48	Oral squamous cell carcinoma in a Crohn's disease patient taking azathioprine: case report and review of the literature. <i>Journal of Crohns and Colitis</i> , 2012 , 6, 792-5	1.5	14
47	Primary gastric adenosquamous carcinoma in a Caucasian woman: a case report. <i>Journal of Medical Case Reports</i> , 2010 , 4, 351	1.2	14
46	EWSR1 rearrangement is a frequent event in papillary thyroid carcinoma and in carcinoma of the thyroid with Ewing family tumor elements (CEFTE). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017 , 470, 517-525	5.1	13
45	OPNa Overexpression Is Associated with Matrix Calcification in Thyroid Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12

44	Pitfalls in Challenging Thyroid Tumors: Emphasis on Differential Diagnosis and Ancillary Biomarkers. <i>Endocrine Pathology</i> , 2020 , 31, 197-217	4.2	11
43	Effects of diabetes mellitus, pressure-overload and their association on myocardial structure and function. <i>American Journal of Hypertension</i> , 2009 , 22, 1190-8	2.3	11
42	Clear cell change in colonic polyps. <i>International Journal of Surgical Pathology</i> , 2009 , 17, 438-43	1.2	11
41	Poorly Differentiated and Undifferentiated Thyroid Carcinomas. <i>Turk Patoloji Dergisi</i> , 2015 , 31 Suppl 1, 48-59	0.6	10
40	Loss of mitochondrial SDHB expression: what is its role in diffuse thyroid lipomatosis?. <i>Hormone and Metabolic Research</i> , 2015 , 47, 165-7	3.1	9
39	Fine-needle aspiration as an alternative method for frozen tissue banking of breast cancer. <i>Diagnostic Cytopathology</i> , 2009 , 37, 76-7	1.4	9
38	What to expect from the 2018 ASCO/CAP HER2 guideline in the reflex in situ hybridization test of immunohistochemically equivocal 2+ cases?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019 , 475, 303-311	5.1	8
37	Morphological features and mucin expression profile of breast carcinomas with signet-ring cell differentiation. <i>Pathology Research and Practice</i> , 2015 , 211, 588-95	3.4	8
36	Increased lymphangiogenesis in Riedel thyroiditis (Immunoglobulin G4-related thyroid disease). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 465, 359-64	5.1	8
35	Best Practice Recommendations for the Implementation of a Digital Pathology Workflow in the Anatomic Pathology Laboratory by the European Society of Digital and Integrative Pathology (ESDIP). <i>Diagnostics</i> , 2021 , 11,	3.8	8
34	TERT promoter mutations: a genetic signature of benign and malignant thyroid tumours occurring in the context of tinea capitis irradiation. <i>European Journal of Endocrinology</i> , 2017 , 176, 49-55	6.5	7
33	Pathophysiology of infantile pulmonary arterial hypertension induced by monocrotaline. <i>Pediatric Cardiology</i> , 2015 , 36, 1000-13	2.1	7
32	Genomic and transcriptomic characterization of the mitochondrial-rich oncocytic phenotype on a thyroid carcinoma background. <i>Mitochondrion</i> , 2019 , 46, 123-133	4.9	7
31	Epithelioid hemangioendothelioma presenting as a vertebral fracture. <i>Acta Reumatologica Portuguesa</i> , 2010 , 35, 370-4	0.7	7
30	Accounting for tissue heterogeneity in infrared spectroscopic imaging for accurate diagnosis of thyroid carcinoma subtypes. <i>Vibrational Spectroscopy</i> , 2017 , 91, 77-82	2.1	6
29	pmTOR is a marker of aggressiveness in papillary thyroid carcinomas. <i>Surgery</i> , 2016 , 160, 1582-1590	3.6	5
28	Mucor infection: difficult diagnosis. <i>Clinical Drug Investigation</i> , 2013 , 33 Suppl 1, S19-21	3.2	5
27	Simultaneous presentation of Kaposi sarcoma and HHV8-associated large B-cell lymphoma in the same lymph node: A rare diagnosis in an HIV-negative patient. <i>American Journal of Case Reports</i> , 2013 , 14, 263-6	1.3	5

26	Digital Pathology Workflow Implementation at IPATIMUP. <i>Diagnostics</i> , 2021 , 11,	3.8	5
25	Molecular Pathology of Non-familial Follicular Epithelial-Derived Thyroid Cancer in Adults: From RAS/BRAF-like Tumor Designations to Molecular Risk Stratification. <i>Endocrine Pathology</i> , 2021 , 32, 44-62 ^{4.2}	4.2	5
24	Kaposi's sarcoma arising in a burn scar mimicking Marjolin's ulcer. <i>Burns</i> , 2013 , 39, e25-8	2.3	4
23	Molecular pathology of thyroid tumors: diagnostic and prognostic relevance. <i>International Journal of Surgical Pathology</i> , 2010 , 18, 209S-212S	1.2	4
22	Artificial Intelligence Improves the Accuracy in Histologic Classification of Breast Lesions. <i>American Journal of Clinical Pathology</i> , 2021 , 155, 527-536	1.9	4
21	Counting invasive breast cancer cells in the HER2 silver in-situ hybridization test: how many cells are enough?. <i>Histopathology</i> , 2017 , 71, 247-257	7.3	3
20	Multilocular adenomyoma of seminal vesicle. <i>International Journal of Surgical Pathology</i> , 2012 , 20, 596-7 ^{1.2}	1.2	3
19	Rare Familial Tumours 2018 , 57-77		3
18	C-cell hyperplasia and papillary thyroid carcinoma. <i>International Journal of Surgical Pathology</i> , 2012 , 20, 643-4	1.2	2
17	Inflammatory myofibroblastic tumour arising incidentally as a polypoid lesion in the gallbladder. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2015 , 51,	2.3	2
16	Calcitonin receptor expression in medullary thyroid carcinoma. <i>PeerJ</i> , 2017 , 5, e3778	3.1	2
15	Peripheral Versus Intraparenchymal Papillary Thyroid Microcarcinoma: Different Morphologies and PD-L1 Expression. <i>Head and Neck Pathology</i> , 2021 , 1	3.3	2
14	Newly described thyroid tumours and variants. <i>Diagnostic Histopathology</i> , 2016 , 22, 179-183	0.7	2
13	Digital Versus Optical Diagnosis of Follicular Patterned Thyroid Lesions. <i>Head and Neck Pathology</i> , 2021 , 15, 537-543	3.3	2
12	HER2 genomic heterogeneity is a frequent event in gastroesophageal adenocarcinoma and correlates with tumor morphology. <i>Pathology Research and Practice</i> , 2020 , 216, 153090	3.4	1
11	EWSR1 rearrangement in papillary thyroid microcarcinoma is related to classic morphology and the presence of small-cell phenotype. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021 ,	3.3	1
10	Nanoaggregate-forming lipid-conjugated AS1411 aptamer as a promising tumor-targeted delivery system of anticancer agents in vitro. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 36, 102429	6	1
9	Repeating thyroid fine-needle aspiration before 3 months may render increased nondiagnostic results. <i>Clinical Endocrinology</i> , 2019 , 91, 899-900	3.4	0

8 Thyroid and Parathyroid Glands **2016**, 613-671

7 Incidence and morphological features of thyroid papillary microcarcinoma in Graves' disease. *Srpski Arhiv Za Celokupno Lekarstvo*, **2017**, 145, 457-462

0.2

6 Other Rare Tumours and Tumour-Like Lesions **2018**, 79-105

5 Rare Papillary Thyroid Carcinomas **2018**, 5-25

4 Small Cell Tumours **2018**, 45-56

3 Therapeutic Options **2018**, 107-110

2 Rare Follicular Tumours **2018**, 27-44

1 The impact of different coverslipping methods in the quality of the whole slide images used for diagnosis in pathology. *Journal of Pathology Informatics*, **2022**, 100098

4.4