

# Catarina Eloy

## List of Publications by Year in Descending Order

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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 | The impact of different coverslipping methods in the quality of the whole slide images used for diagnosis in pathology. <i>Journal of Pathology Informatics</i> , <b>2022</b> , 100098                                                                                                                                                   | 4.4  |           |
| 78 | Digital Pathology Workflow Implementation at IPATIMUP. <i>Diagnostics</i> , <b>2021</b> , 11,                                                                                                                                                                                                                                            | 3.8  | 5         |
| 77 | 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> , <b>2021</b> , 11,                                                                                                   | 3.8  | 8         |
| 76 | 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> , <b>2021</b> , 32, 44-62                                                                                                                 | 4.2  | 5         |
| 75 | Peripheral Versus Intraparenchymal Papillary Thyroid Microcarcinoma: Different Morphologies and PD-L1 Expression. <i>Head and Neck Pathology</i> , <b>2021</b> , 1                                                                                                                                                                       | 3.3  | 2         |
| 74 | Digital Versus Optical Diagnosis of Follicular Patterned Thyroid Lesions. <i>Head and Neck Pathology</i> , <b>2021</b> , 15, 537-543                                                                                                                                                                                                     | 3.3  | 2         |
| 73 | Artificial Intelligence Improves the Accuracy in Histologic Classification of Breast Lesions. <i>American Journal of Clinical Pathology</i> , <b>2021</b> , 155, 527-536                                                                                                                                                                 | 1.9  | 4         |
| 72 | 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> , <b>2021</b> ,                                                                                                                                      | 3.3  | 1         |
| 71 | 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> , <b>2021</b> , 36, 102429                                                                                                                 | 6    | 1         |
| 70 | 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> , <b>2020</b> , 477, 787-798 | 5.1  | 19        |
| 69 | HER2 genomic heterogeneity is a frequent event in gastroesophageal adenocarcinoma and correlates with tumor morphology. <i>Pathology Research and Practice</i> , <b>2020</b> , 216, 153090                                                                                                                                               | 3.4  | 1         |
| 68 | Pitfalls in Challenging Thyroid Tumors: Emphasis on Differential Diagnosis and Ancillary Biomarkers. <i>Endocrine Pathology</i> , <b>2020</b> , 31, 197-217                                                                                                                                                                              | 4.2  | 11        |
| 67 | Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. <i>Cancer Cytopathology</i> , <b>2020</b> , 128, 885-894                                                                                                                                         | 3.9  | 16        |
| 66 | Repeating thyroid fine-needle aspiration before 3 months may render increased nondiagnostic results. <i>Clinical Endocrinology</i> , <b>2019</b> , 91, 899-900                                                                                                                                                                           | 3.4  | 0         |
| 65 | BACH: Grand challenge on breast cancer histology images. <i>Medical Image Analysis</i> , <b>2019</b> , 56, 122-139                                                                                                                                                                                                                       | 15.4 | 176       |
| 64 | 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> , <b>2019</b> , 475, 303-311                                                                     | 5.1  | 8         |
| 63 | Genomic and transcriptomic characterization of the mitochondrial-rich oncocytic phenotype on a thyroid carcinoma background. <i>Mitochondrion</i> , <b>2019</b> , 46, 123-133                                                                                                                                                            | 4.9  | 7         |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------|
| 62 | Automatic classification of tissue malignancy for breast carcinoma diagnosis. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 96, 41-51                                                                                                                          | 7   | 38              |
| 61 | NIS expression in thyroid tumors, relation with prognosis clinicopathological and molecular features. <i>Endocrine Connections</i> , <b>2018</b> , 7, 78-90                                                                                                               | 3.5 | 35              |
| 60 | CRABP1, C1QL1 and LCN2 are biomarkers of differentiated thyroid carcinoma, and predict extrathyroidal extension. <i>BMC Cancer</i> , <b>2018</b> , 18, 68                                                                                                                 | 4.8 | 15              |
| 59 | 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> , <b>2018</b> , 19,                                                        | 6.3 | 16              |
| 58 | Rare Familial Tumours <b>2018</b> , 57-77                                                                                                                                                                                                                                 |     | 3               |
| 57 | Other Rare Tumours and Tumour-Like Lesions <b>2018</b> , 79-105                                                                                                                                                                                                           |     |                 |
| 56 | Rare Papillary Thyroid Carcinomas <b>2018</b> , 5-25                                                                                                                                                                                                                      |     |                 |
| 55 | Small Cell Tumours <b>2018</b> , 45-56                                                                                                                                                                                                                                    |     |                 |
| 54 | Therapeutic Options <b>2018</b> , 107-110                                                                                                                                                                                                                                 |     |                 |
| 53 | Rare Follicular Tumours <b>2018</b> , 27-44                                                                                                                                                                                                                               |     |                 |
| 52 | OPNa Overexpression Is Associated with Matrix Calcification in Thyroid Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,                                                                                                          | 6.3 | 12              |
| 51 | Cribiform-morular variant of thyroid carcinoma: a neoplasm with distinctive phenotype associated with the activation of the WNT/βcatenin pathway. <i>Modern Pathology</i> , <b>2018</b> , 31, 1168-1179                                                                   | 9.8 | 32              |
| 50 | 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> , <b>2017</b> , 470, 517-525 | 5.1 | 13              |
| 49 | Counting invasive breast cancer cells in the HER2 silver in-situ hybridization test: how many cells are enough?. <i>Histopathology</i> , <b>2017</b> , 71, 247-257                                                                                                        | 7.3 | 3               |
| 48 | 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> , <b>2017</b> , 41, 854-860                                               | 6.7 | 31              |
| 47 | Classification of breast cancer histology images using Convolutional Neural Networks. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177544                                                                                                                                        | 3.7 | 43 <sup>1</sup> |
| 46 | 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> , <b>2017</b> , 176, 49-55                                                           | 6.5 | 7               |
| 45 | Accounting for tissue heterogeneity in infrared spectroscopic imaging for accurate diagnosis of thyroid carcinoma subtypes. <i>Vibrational Spectroscopy</i> , <b>2017</b> , 91, 77-82                                                                                     | 2.1 | 6               |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 44 | Calcitonin receptor expression in medullary thyroid carcinoma. <i>PeerJ</i> , <b>2017</b> , 5, e3778                                                                                                                   | 3.1 | 2   |
| 43 | Incidence and morphological features of thyroid papillary microcarcinoma in Graves' disease. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , <b>2017</b> , 145, 457-462                                                   | 0.2 |     |
| 42 | pmTOR is a marker of aggressiveness in papillary thyroid carcinomas. <i>Surgery</i> , <b>2016</b> , 160, 1582-1590                                                                                                     | 3.6 | 5   |
| 41 | Osteopontin expression is correlated with differentiation and good prognosis in medullary thyroid carcinoma. <i>European Journal of Endocrinology</i> , <b>2016</b> , 174, 551-61                                      | 6.5 | 18  |
| 40 | Early cardiac changes induced by a hypercaloric Western-type diet in "subclinical" obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 310, H655-66                      | 5.2 | 22  |
| 39 | Osteopontin-a splice variant is overexpressed in papillary thyroid carcinoma and modulates invasive behavior. <i>Oncotarget</i> , <b>2016</b> , 7, 52003-52016                                                         | 3.3 | 21  |
| 38 | Thyroid and Parathyroid Glands <b>2016</b> , 613-671                                                                                                                                                                   |     |     |
| 37 | Newly described thyroid tumours and variants. <i>Diagnostic Histopathology</i> , <b>2016</b> , 22, 179-183                                                                                                             | 0.7 | 2   |
| 36 | Loss of mitochondrial SDHB expression: what is its role in diffuse thyroid lipomatosis?. <i>Hormone and Metabolic Research</i> , <b>2015</b> , 47, 165-7                                                               | 3.1 | 9   |
| 35 | Morphological features and mucin expression profile of breast carcinomas with signet-ring cell differentiation. <i>Pathology Research and Practice</i> , <b>2015</b> , 211, 588-95                                     | 3.4 | 8   |
| 34 | Poorly Differentiated and Undifferentiated Thyroid Carcinomas. <i>Turk Patoloji Dergisi</i> , <b>2015</b> , 31 Suppl 1, 48-59                                                                                          | 0.6 | 10  |
| 33 | Pathophysiology of infantile pulmonary arterial hypertension induced by monocrotaline. <i>Pediatric Cardiology</i> , <b>2015</b> , 36, 1000-13                                                                         | 2.1 | 7   |
| 32 | Inflammatory myofibroblastic tumour arising incidentally as a polypoid lesion in the gallbladder. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , <b>2015</b> , 51,                                    | 2.3 | 2   |
| 31 | mTOR activation in medullary thyroid carcinoma with RAS mutation. <i>European Journal of Endocrinology</i> , <b>2014</b> , 171, 633-40                                                                                 | 6.5 | 27  |
| 30 | Increased lymphangiogenesis in Riedel thyroiditis (Immunoglobulin G4-related thyroid disease). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2014</b> , 465, 359-64 | 5.1 | 8   |
| 29 | TERT promoter mutations are a major indicator of poor outcome in differentiated thyroid carcinomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E754-65                                | 5.6 | 357 |
| 28 | Small cell tumors of the thyroid gland: a review. <i>International Journal of Surgical Pathology</i> , <b>2014</b> , 22, 197-201                                                                                       | 1.2 | 14  |
| 27 | C-cell-derived calcitonin-free neuroendocrine carcinoma of the thyroid: the diagnostic importance of CGRP immunoreactivity. <i>International Journal of Surgical Pathology</i> , <b>2014</b> , 22, 530-5               | 1.2 | 24  |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 26 | Carcinoma of the thyroid with Ewing/PNET family tumor elements: a tumor of unknown histogenesis. <i>International Journal of Surgical Pathology</i> , <b>2014</b> , 22, 579-81                                                                                                                         | 1.2 | 16 |
| 25 | Carcinoma of the thyroid with ewing family tumor elements and favorable prognosis: report of a second case. <i>International Journal of Surgical Pathology</i> , <b>2014</b> , 22, 260-5                                                                                                               | 1.2 | 22 |
| 24 | Mucor infection: difficult diagnosis. <i>Clinical Drug Investigation</i> , <b>2013</b> , 33 Suppl 1, S19-21                                                                                                                                                                                            | 3.2 | 5  |
| 23 | Kaposi's sarcoma arising in a burn scar mimicking Marjolin's ulcer. <i>Burns</i> , <b>2013</b> , 39, e25-8                                                                                                                                                                                             | 2.3 | 4  |
| 22 | Cribiform-morular variant of papillary thyroid carcinoma displaying poorly differentiated features. <i>International Journal of Surgical Pathology</i> , <b>2013</b> , 21, 379-89                                                                                                                      | 1.2 | 29 |
| 21 | 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> , <b>2013</b> , 14, 263-6                                                                           | 1.3 | 5  |
| 20 | RET/PTC rearrangement is prevalent in follicular Hürthle cell carcinomas. <i>Histopathology</i> , <b>2012</b> , 61, 833-43                                                                                                                                                                             | 3.3 | 37 |
| 19 | 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> , <b>2012</b> , 6, 792-5                                                                                                                 | 1.5 | 14 |
| 18 | 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> , <b>2012</b> , 460, 587-600                                                   | 5.1 | 34 |
| 17 | C-cell hyperplasia and papillary thyroid carcinoma. <i>International Journal of Surgical Pathology</i> , <b>2012</b> , 20, 643-4                                                                                                                                                                       | 1.2 | 2  |
| 16 | Multilocular adenomyoma of seminal vesicle. <i>International Journal of Surgical Pathology</i> , <b>2012</b> , 20, 596-7                                                                                                                                                                               | 1.2 | 3  |
| 15 | Follicular thyroid carcinoma. <i>Modern Pathology</i> , <b>2011</b> , 24 Suppl 2, S10-8                                                                                                                                                                                                                | 9.8 | 96 |
| 14 | Abdominal inflammatory myofibroblastic tumor a clinicopathologic study with reappraisal of biologic behavior. <i>Journal of Pediatric Surgery</i> , <b>2011</b> , 46, 2076-82                                                                                                                          | 2.6 | 17 |
| 13 | 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> , <b>2011</b> , 19, 276-80                                                                                                      | 1.2 | 17 |
| 12 | 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> , <b>2011</b> , 459, 265-76 | 5.1 | 42 |
| 11 | 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> , <b>2011</b> , 459, 595-605                  | 5.1 | 18 |
| 10 | Small-cell (basaloid) thyroid carcinoma: a neoplasm with a solid cell nest histogenesis?. <i>International Journal of Surgical Pathology</i> , <b>2011</b> , 19, 620-6                                                                                                                                 | 1.2 | 23 |
| 9  | Genetic alterations in poorly differentiated and undifferentiated thyroid carcinomas. <i>Current Genomics</i> , <b>2011</b> , 12, 609-17                                                                                                                                                               | 2.6 | 61 |

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| 8 | Molecular pathology of thyroid tumors: diagnostic and prognostic relevance. <i>International Journal of Surgical Pathology</i> , <b>2010</b> , 18, 209S-212S                   | 1.2 | 4  |
| 7 | Primary gastric adenosquamous carcinoma in a Caucasian woman: a case report. <i>Journal of Medical Case Reports</i> , <b>2010</b> , 4, 351                                     | 1.2 | 14 |
| 6 | Epithelioid hemangioendothelioma presenting as a vertebral fracture. <i>Acta Reumatologica Portuguesa</i> , <b>2010</b> , 35, 370-4                                            | 0.7 | 7  |
| 5 | Fine-needle aspiration as an alternative method for frozen tissue banking of breast cancer. <i>Diagnostic Cytopathology</i> , <b>2009</b> , 37, 76-7                           | 1.4 | 9  |
| 4 | Effects of diabetes mellitus, pressure-overload and their association on myocardial structure and function. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 1190-8 | 2.3 | 11 |
| 3 | Clear cell change in colonic polyps. <i>International Journal of Surgical Pathology</i> , <b>2009</b> , 17, 438-43                                                             | 1.2 | 11 |
| 2 | Follicular thyroid carcinoma with an unusual glomeruloid pattern of growth. <i>Human Pathology</i> , <b>2008</b> , 39, 1540-7                                                  | 3.7 | 15 |
| 1 | Composite adenomatoid tumor and myelolipoma of adrenal gland: report of 2 cases. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2008</b> , 132, 265-7               | 5   | 19 |