

# Andre L Moreira

## List of Publications by Year in descending order

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97  
papers

15,173  
citations

81900

39  
h-index

43889

91  
g-index

99  
all docs

99  
docs citations

99  
times ranked

22817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational landscape determines sensitivity to PD-1 blockade in non-small cell lung cancer. <i>Science</i> , 2015, 348, 124-128.	12.6	6,756
2	Classification and mutation prediction from non-small cell lung cancer histopathology images using deep learning. <i>Nature Medicine</i> , 2018, 24, 1559-1567.	30.7	1,768
3	PD-L1 Immunohistochemistry Comparability Study in Real-Life Clinical Samples: Results of Blueprint Phase 2 Project. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1302-1311.	1.1	589
4	NFS1 undergoes positive selection in lung tumours and protects cells from ferroptosis. <i>Nature</i> , 2017, 551, 639-643.	27.8	478
5	Keap1 loss promotes Kras-driven lung cancer and results in dependence on glutaminolysis. <i>Nature Medicine</i> , 2017, 23, 1362-1368.	30.7	462
6	Next-Generation Sequencing of Pulmonary Large Cell Neuroendocrine Carcinoma Reveals Small Cell Carcinoma-like and Non-small Cell Carcinoma-like Subsets. <i>Clinical Cancer Research</i> , 2016, 22, 3618-3629.	7.0	342
7	Immunohistochemical algorithm for differentiation of lung adenocarcinoma and squamous cell carcinoma based on large series of whole-tissue sections with validation in small specimens. <i>Modern Pathology</i> , 2011, 24, 1348-1359.	5.5	299
8	A Grading System of Lung Adenocarcinomas Based on Histologic Pattern is Predictive of Disease Recurrence in Stage I Tumors. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1155-1162.	3.7	295
9	A Grading System for Invasive Pulmonary Adenocarcinoma: A Proposal From the International Association for the Study of Lung Cancer Pathology Committee. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1599-1610.	1.1	234
10	Suitability of Thoracic Cytology for New Therapeutic Paradigms in Non-small Cell Lung Carcinoma: High Accuracy of Tumor Subtyping and Feasibility of EGFR and KRAS Molecular Testing. <i>Journal of Thoracic Oncology</i> , 2011, 6, 451-458.	1.1	230
11	Best Practices Recommendations for Diagnostic Immunohistochemistry in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2019, 14, 377-407.	1.1	212
12	Reproducibility of histopathological subtypes and invasion in pulmonary adenocarcinoma. An international interobserver study. <i>Modern Pathology</i> , 2012, 25, 1574-1583.	5.5	206
13	IASLC Multidisciplinary Recommendations for Pathologic Assessment of Lung Cancer Resection Specimens After Neoadjuvant Therapy. <i>Journal of Thoracic Oncology</i> , 2020, 15, 709-740.	1.1	205
14	PD-L1 Testing for Lung Cancer in 2019: Perspective From the IASLC Pathology Committee. <i>Journal of Thoracic Oncology</i> , 2020, 15, 499-519.	1.1	203
15	Electronic-cigarette smoke induces lung adenocarcinoma and bladder urothelial hyperplasia in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21727-21731.	7.1	151
16	A grading system combining architectural features and mitotic count predicts recurrence in stage I lung adenocarcinoma. <i>Modern Pathology</i> , 2012, 25, 1117-1127.	5.5	148
17	Lower Airway Dysbiosis Affects Lung Cancer Progression. <i>Cancer Discovery</i> , 2021, 11, 293-307.	9.4	139
18	Using frozen section to identify histological patterns in stage I lung adenocarcinoma of ≤3 cm: accuracy and interobserver agreement. <i>Histopathology</i> , 2015, 66, 922-938.	2.9	127

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19	The 2021 WHO Classification of Tumors of the Thymus and Mediastinum: What Is New in Thymic Epithelial, Germ Cell, and Mesenchymal Tumors?. <i>Journal of Thoracic Oncology</i> , 2022, 17, 200-213.	1.1	124
20	Subtyping of Non-small Cell Lung Carcinoma: A Comparison of Small Biopsy and Cytology Specimens. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1849-1856.	1.1	121
21	The cribriform pattern identifies a subset of acinar predominant tumors with poor prognosis in patients with stage I lung adenocarcinoma: a conceptual proposal to classify cribriform predominant tumors as a distinct histologic subtype. <i>Modern Pathology</i> , 2014, 27, 690-700.	5.5	121
22	The Use of Immunohistochemistry Improves the Diagnosis of Small Cell Lung Cancer and Its Differential Diagnosis. An International Reproducibility Study in a Demanding Set of Cases. <i>Journal of Thoracic Oncology</i> , 2017, 12, 334-346.	1.1	113
23	EURACAN/IASLC Proposals for Updating the Histologic Classification of Pleural Mesothelioma: Towards a More Multidisciplinary Approach. <i>Journal of Thoracic Oncology</i> , 2020, 15, 29-49.	1.1	106
24	Biomarker Testing in Lung Carcinoma Cytology Specimens: A Perspective From Members of the Pulmonary Pathology Society. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 1267-1272.	2.5	95
25	Mycobacterial Antigens Exacerbate Disease Manifestations in Mycobacterium tuberculosis-Infected Mice. <i>Infection and Immunity</i> , 2002, 70, 2100-2107.	2.2	88
26	Tumor exosomes induce tunneling nanotubes in lipid raft-enriched regions of human mesothelioma cells. <i>Experimental Cell Research</i> , 2014, 323, 178-188.	2.6	88
27	Comparison of serum neurodegenerative biomarkers among hospitalized COVID-19 patients versus non-COVID subjects with normal cognition, mild cognitive impairment, or Alzheimer's dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 899-910.	0.8	87
28	TOP1 inhibition therapy protects against SARS-CoV-2-induced lethal inflammation. <i>Cell</i> , 2021, 184, 2618-2632.e17.	28.9	80
29	Immunocytochemistry for predictive biomarker testing in lung cancer cytology. <i>Cancer Cytopathology</i> , 2019, 127, 325-339.	2.4	78
30	Cribriform and fused glands are patterns of high-grade pulmonary adenocarcinoma. <i>Human Pathology</i> , 2014, 45, 213-220.	2.0	73
31	Carcinosarcomas and Related Cancers: Tumors Caught in the Act of Epithelial-Mesenchymal Transition. <i>Journal of Clinical Oncology</i> , 2018, 36, 210-216.	1.6	62
32	Progenitor stem cell marker expression by pulmonary carcinomas. <i>Modern Pathology</i> , 2010, 23, 889-895.	5.5	56
33	Personalized Therapy for Lung Cancer. <i>Chest</i> , 2014, 146, 1649-1657.	0.8	54
34	Massively Parallel Sequencing Identifies Recurrent Mutations in TP53 in Thymic Carcinoma Associated with Poor Prognosis. <i>Journal of Thoracic Oncology</i> , 2015, 10, 373-380.	1.1	54
35	Expression of PD-L1 and other immunotherapeutic targets in thymic epithelial tumors. <i>PLoS ONE</i> , 2017, 12, e0182665.	2.5	54
36	Aspiration Biopsy of Mammary Lesions With Abundant Extracellular Mucinous Material. <i>American Journal of Clinical Pathology</i> , 2003, 120, 194-202.	0.7	49

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37	Use of mutation specific antibodies to detect EGFR status in small biopsy and cytology specimens of lung adenocarcinoma. <i>Lung Cancer</i> , 2012, 77, 299-305.	2.0	49
38	Pre-clinical efficacy of PU-H71, a novel HSP90 inhibitor, alone and in combination with bortezomib in Ewing sarcoma. <i>Molecular Oncology</i> , 2014, 8, 323-336.	4.6	48
39	Personalized Medicine for Non-Small-Cell Lung Cancer: Implications of Recent Advances in Tissue Acquisition for Molecular and Histologic Testing. <i>Clinical Lung Cancer</i> , 2012, 13, 334-339.	2.6	47
40	A comparison of the pathological, clinical and radiographical, features of cryptogenic organising pneumonia, acute fibrinous and organising pneumonia and granulomatous organising pneumonia. <i>Journal of Clinical Pathology</i> , 2015, 68, 441-447.	2.0	41
41	Involvement of Heparanase in the Pathogenesis of Mesothelioma: Basic Aspects and Clinical Applications. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1102-1114.	6.3	41
42	Using Diffusion-Weighted MRI to Predict Aggressive Histological Features in Papillary Thyroid Carcinoma: A Novel Tool for Pre-Operative Risk Stratification in Thyroid Cancer. <i>Thyroid</i> , 2015, 25, 672-680.	4.5	33
43	Interobserver Variation among Pathologists and Refinement of Criteria in Distinguishing Separate Primary Tumors from Intrapulmonary Metastases in Lung. <i>Journal of Thoracic Oncology</i> , 2018, 13, 205-217.	1.1	33
44	Lung Carcinoma Predictive Biomarker Testing by Immunoperoxidase Stains in Cytology and Small Biopsy Specimens: Advantages and Limitations. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 1331-1337.	2.5	29
45	Assessment of Programmed Death-Ligand 1 (PD-L1) Immunohistochemical Expression on Cytology Specimens in Non-Small Cell Lung Carcinoma. <i>American Journal of Clinical Pathology</i> , 2019, 151, 403-415.	0.7	29
46	Feasibility of In Situ, High-Resolution Correlation of Tracer Uptake with Histopathology by Quantitative Autoradiography of Biopsy Specimens Obtained Under <sup>18</sup> F-FDG PET/CT Guidance. <i>Journal of Nuclear Medicine</i> , 2015, 56, 538-544.	5.0	28
47	<i>p53</i> Mutation in Adenocarcinoma Arising in Retrorectal Cyst Hamartoma (Tailgut Cyst). <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 1361-1364.	2.5	27
48	Molecular Characterization by Immunocytochemistry of Lung Adenocarcinoma on Cytology Specimens. <i>Acta Cytologica</i> , 2012, 56, 603-610.	1.3	25
49	Problems in the reproducibility of classification of small lung adenocarcinoma: an international interobserver study. <i>Histopathology</i> , 2019, 75, 649-659.	2.9	25
50	The concept of mesothelioma in situ, with consideration of its potential impact on cytology diagnosis. <i>Pathology</i> , 2021, 53, 446-453.	0.6	25
51	Progress in the Management of Early-Stage Non-Small Cell Lung Cancer in 2017. <i>Journal of Thoracic Oncology</i> , 2018, 13, 767-778.	1.1	24
52	Lung cancer cytology and small biopsy specimens: diagnosis, predictive biomarker testing, acquisition, triage, and management. <i>Journal of the American Society of Cytopathology</i> , 2020, 9, 332-345.	0.5	21
53	Comparison of solid tissue sequencing and liquid biopsy accuracy in identification of clinically relevant gene mutations and rearrangements in lung adenocarcinomas. <i>Modern Pathology</i> , 2021, 34, 2168-2174.	5.5	21
54	Dynamic contrast-enhanced MRI model selection for predicting tumor aggressiveness in papillary thyroid cancers. <i>NMR in Biomedicine</i> , 2020, 33, e4166.	2.8	19

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55	Aspiration Cytology of the Oncocytic Variant of Papillary Adenocarcinoma of the Thyroid Gland. <i>Acta Cytologica</i> , 2004, 48, 137-141.	1.3	19
56	Thymic Carcinomas – A Concise Multidisciplinary Update on Recent Developments From the Thymic Carcinoma Working Group of the International Thymic Malignancy Interest Group. <i>Journal of Thoracic Oncology</i> , 2022, 17, 637-650.	1.1	18
57	Assessment of the feasibility of frozen sections for the detection of spread through air spaces (STAS) in pulmonary adenocarcinoma. <i>Modern Pathology</i> , 2022, 35, 210-217.	5.5	17
58	Pulmonary Pathology of End-Stage COVID-19 Disease in Explanted Lungs and Outcomes After Lung Transplantation. <i>American Journal of Clinical Pathology</i> , 2022, 157, 908-926.	0.7	14
59	The urgency of utilizing COVID-19 biospecimens for research in the heart of the global pandemic. <i>Journal of Translational Medicine</i> , 2020, 18, 219.	4.4	13
60	The International Association for the Study of Lung Cancer Global Survey on Programmed Death-Ligand 1 Testing for NSCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 686-696.	1.1	13
61	Distance in cancer gene expression from stem cells predicts patient survival. <i>PLoS ONE</i> , 2017, 12, e0173589.	2.5	12
62	Metastatic "Borderline" Papillary Ovarian Tumor in an Intramammary Lymph Node. <i>Breast Journal</i> , 2002, 8, 309-310.	1.0	10
63	Sensitivity and specificity of fine needle aspiration for the diagnosis of mediastinal lesions. <i>Annals of Diagnostic Pathology</i> , 2019, 39, 69-73.	1.3	9
64	E-cigarette or vaping product use-associated lung injury: What is the role of cytologic assessment?. <i>Cancer Cytopathology</i> , 2020, 128, 371-380.	2.4	9
65	Pathologic Considerations and Standardization in Mesothelioma Clinical Trials. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1704-1717.	1.1	8
66	Grading in Lung Adenocarcinoma: Another New Normal. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1601-1604.	1.1	8
67	Imaging Course of Lung Transplantation: From Patient Selection to Postoperative Complications. <i>Radiographics</i> , 2021, 41, 1043-1063.	3.3	7
68	Spectrum of Subsolid Pulmonary Nodules and Overdiagnosis. <i>Seminars in Roentgenology</i> , 2017, 52, 143-155.	0.6	7
69	Quantitative Non-Gaussian Intravoxel Incoherent Motion Diffusion-Weighted Imaging Metrics and Surgical Pathology for Stratifying Tumor Aggressiveness in Papillary Thyroid Carcinomas. <i>Tomography</i> , 2019, 5, 26-35.	1.8	7
70	Diagnostic Challenges in the Cytology of Thymic Epithelial Neoplasms. <i>Cancers</i> , 2022, 14, 2013.	3.7	7
71	Ribosomal RNA gene sequencing for early diagnosis of <i>Blastomyces dermatitidis</i> infection. <i>International Journal of Infectious Diseases</i> , 2015, 37, 122-124.	3.3	6
72	The Role of Ancillary Techniques in Pulmonary Cytopathology. <i>Acta Cytologica</i> , 2020, 64, 166-174.	1.3	6

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73	Lobectomy for Hemorrhagic Lobar Infarction in a Patient With COVID-19. <i>Annals of Thoracic Surgery</i> , 2021, 111, e183-e184.	1.3	6
74	NSCLC Subtyping in Conventional Cytology: Results of the International Association for the Study of Lung Cancer Cytology Working Group Survey to Determine Specific Cytomorphologic Criteria for Adenocarcinoma and Squamous Cell Carcinoma. <i>Journal of Thoracic Oncology</i> , 2022, 17, 793-805.	1.1	6
75	DNA Methylation Profiling Identifies Subgroups of Lung Adenocarcinoma with Distinct Immune Cell Composition, DNA Methylation Age, and Clinical Outcome. <i>Clinical Cancer Research</i> , 2022, 28, 3824-3835.	7.0	6
76	Subtyping of pulmonary adenocarcinoma in cytologic specimens. <i>Cancer Cytopathology</i> , 2013, 121, 601-604.	2.4	5
77	Round Robin Evaluation of MET Protein Expression in Lung Adenocarcinomas Improves Interobserver Concordance. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 669-677.	1.2	5
78	Validation of PD-L1 clone 22C3 immunohistochemical stain on two Ventana DISCOVERY autostainer models: detailed protocols, test performance characteristics, and interobserver reliability analyses. <i>Journal of Histotechnology</i> , 2020, 43, 174-181.	0.5	5
79	Lessons Learned From an Anatomic Pathology Department in a Large Academic Medical Center at the Epicenter of COVID-19. <i>Academic Pathology</i> , 2021, 8, 2374289521994248.	1.1	5
80	Quality Assurance After a Natural Disaster: Lessons from Hurricane Sandy. <i>Biopreservation and Biobanking</i> , 2018, 16, 92-96.	1.0	4
81	Scoring of Programmed Death-Ligand 1 Immunohistochemistry on Cytology Cell Block Specimens in Non-Small Cell Lung Carcinoma. <i>American Journal of Clinical Pathology</i> , 2020, 154, 517-524.	0.7	4
82	Radiologic and pathologic correlation of anterior mediastinal lesions. <i>Mediastinum</i> , 2020, 4, 5-5.	1.1	4
83	Sarcomatoid carcinoma in cytology: Report of a rare entity presenting in pleural and pericardial fluid preparations. <i>Diagnostic Cytopathology</i> , 2019, 47, 813-816.	1.0	3
84	Effusion fluid cytology and COVID-19 infection. <i>Cancer Cytopathology</i> , 2022, 130, 183-188.	2.4	3
85	Bronchioloalveolar Carcinoma and Minimally Invasive Adenocarcinoma. <i>Surgical Pathology Clinics</i> , 2010, 3, 1-26.	1.7	2
86	Complete Resolution of Tumor Burden of Primary Cardiac Non-Hodgkin's Lymphoma. <i>Case Reports in Cardiology</i> , 2016, 2016, 1-4.	0.2	2
87	Unusual late presentation of metastatic extrathoracic thymoma to gastrohepatic lymph node treated by surgical resection. <i>General Thoracic and Cardiovascular Surgery</i> , 2017, 65, 130-132.	0.9	2
88	Evolution of guidelines for respiratory cytology by the Papanicolaou Society of Cytopathology. <i>Diagnostic Cytopathology</i> , 2020, 48, 867-869.	1.0	2
89	Cardiac AA amyloidosis in a patient with obstructive hypertrophic cardiomyopathy. <i>Cardiovascular Pathology</i> , 2020, 48, 107218.	1.6	2
90	Common Germline Mutations in a Patient With Multiple Primary Lung Cancers. <i>Clinical Lung Cancer</i> , 2020, 21, e212-e215.	2.6	2

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91	Molecular cytology of the respiratory tract and pleura. <i>Cytopathology</i> , 2022, 33, 14-22.	0.7	2
92	Assessing Pathologic Response in Resected Lung Cancers: Current Standards, Proposal for a Novel Pathologic Response Calculator Tool, and Challenges in Practice. <i>JTO Clinical and Research Reports</i> , 2022, 3, 100310.	1.1	1
93	A Rare Case of Hermansky-Pudlak Syndrome Involving Bilateral Lung: Histopathologic and Electron Microscopic Findings. <i>American Journal of Clinical Pathology</i> , 2019, 152, S42-S43.	0.7	0
94	A Rare Case of Desmoplastic Mesothelioma With Good Survival Despite Lymph Node Metastasis. <i>American Journal of Clinical Pathology</i> , 2019, 152, S43-S43.	0.7	0
95	Reliability of histopathologic diagnosis of fibrotic interstitial lung disease: An international collaborative standardization project. <i>BMC Pulmonary Medicine</i> , 2021, 21, 184.	2.0	0
96	Cytological features of NUT carcinoma harbouring an <i>NSD3-NUTM1</i> fusion. <i>Cytopathology</i> , 2022, , .	0.7	0
97	Native mitral valve staphylococcus endocarditis with a very unusual complication: Ruptured posterior mitral valve leaflet aneurysm. <i>Echocardiography</i> , 2022, 39, 112-117.	0.9	0