

# MarÃ-a D Lozano,, Miac

## List of Publications by Year in descending order

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103  
papers

4,275  
citations

109321

35  
h-index

118850

62  
g-index

108  
all docs

108  
docs citations

108  
times ranked

7284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Relationship Between Lung Cancer Risk and Emphysema Detected on Low-Dose CT of the Chest. <i>Chest</i> , 2007, 132, 1932-1938.	0.8	385
2	Quantitative Cell-Free Circulating BRAFV600E Mutation Analysis by Use of Droplet Digital PCR in the Follow-up of Patients with Melanoma Being Treated with BRAF Inhibitors. <i>Clinical Chemistry</i> , 2015, 61, 297-304.	3.2	221
3	Women's Susceptibility to Tobacco Carcinogens and Survival After Diagnosis of Lung Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 180-184.	7.4	220
4	Diagnostic Yield of Electromagnetic Navigation Bronchoscopy Is Highly Dependent on the Presence of a Bronchus Sign on CT Imaging. <i>Chest</i> , 2010, 138, 1316-1321.	0.8	214
5	Expression Analysis and Significance of PD-1, LAG-3, and TIM-3 in Human Non-Small Cell Lung Cancer Using Spatially Resolved and Multiparametric Single-Cell Analysis. <i>Clinical Cancer Research</i> , 2019, 25, 4663-4673.	7.0	210
6	Epigenetic prediction of response to anti-PD-1 treatment in non-small-cell lung cancer: a multicentre, retrospective analysis. <i>Lancet Respiratory Medicine</i> , 2018, 6, 771-781.	10.7	167
7	Early Lung Cancer Detection Using Spiral Computed Tomography and Positron Emission Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1378-1383.	5.6	163
8	Altered patterns of expression of members of the heterogeneous nuclear ribonucleoprotein (hnRNP) family in lung cancer. <i>Lung Cancer</i> , 2003, 41, 131-143.	2.0	138
9	Investigation of Complement Activation Product C4d as a Diagnostic and Prognostic Biomarker for Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1385-1393.	6.3	127
10	Mitogen-Activated Protein Kinase Phosphatase-1 Is Overexpressed in Non-Small Cell Lung Cancer and Is an Independent Predictor of Outcome in Patients. <i>Clinical Cancer Research</i> , 2004, 10, 3639-3649.	7.0	125
11	CCR6 regulates EAE pathogenesis by controlling regulatory CD4 <sup>+</sup> T cell recruitment to target tissues. <i>European Journal of Immunology</i> , 2009, 39, 1671-1681.	2.9	114
12	Identification of Tissue microRNAs Predictive of Sunitinib Activity in Patients with Metastatic Renal Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e86263.	2.5	76
13	Assessment of Epidermal Growth Factor Receptor and K-Ras Mutation Status in Cytological Stained Smears of Non-Small Cell Lung Cancer Patients: Correlation with Clinical Outcomes. <i>Oncologist</i> , 2011, 16, 877-885.	3.7	75
14	Role of [18F]FDG PET in prediction of KRAS and EGFR mutation status in patients with advanced non-small-cell lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2058-2065.	6.4	75
15	Immunocytochemistry in the differential diagnosis of serous effusions. <i>Cancer</i> , 2001, 93, 68-72.	4.1	69
16	Predicting Metastatic Risk of Gastrointestinal Stromal Tumors: Role of Cell Proliferation and Cell Cycle Regulatory Proteins. <i>International Journal of Surgical Pathology</i> , 2000, 8, 133-144.	0.8	68
17	Expression of Tumor-Derived Vascular Endothelial Growth Factor and Its Receptors Is Associated With Outcome in Early Squamous Cell Carcinoma of the Lung. <i>Journal of Clinical Oncology</i> , 2012, 30, 1129-1136.	1.6	63
18	TGFB1 expression is associated with a better response to chemotherapy in NSCLC. <i>Molecular Cancer</i> , 2010, 9, 130.	19.2	61

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19	Cytology Smears in the Era of Molecular Biomarkers in Non-Small Cell Lung Cancer: Doing More With Less. Archives of Pathology and Laboratory Medicine, 2018, 142, 291-298.	2.5	60
20	Cribado de Cáncer de pulmón: catorce años de experiencia del Programa Internacional de Detección Precoz de Cáncer de Pulmón con TBDR de Pamplona (P-IELCAP). Archivos De Bronconeumología, 2015, 51, 169-176.	0.8	59
21	Comparative Study of Four Different Spherical Embolic Particles in an Animal Model: A Morphologic and Histologic Evaluation. Journal of Vascular and Interventional Radiology, 2008, 19, 1625-1638.	0.5	58
22	Consistency and reproducibility of next-generation sequencing and other multigene mutational assays: A worldwide ring trial study on quantitative cytological molecular reference specimens. Cancer Cytopathology, 2017, 125, 615-626.	2.4	58
23	Large Cell Carcinoma of the Lung. Applied Immunohistochemistry and Molecular Morphology, 2009, 17, 383-392.	1.2	57
24	In Vivo Evaluation of a New Embolic Spherical Particle (HepaSphere) in a Kidney Animal Model. Cardiovascular and Interventional Radiology, 2008, 31, 367-376.	2.0	51
25	Heterogeneous presence of neutrophil extracellular traps in human solid tumours is partially dependent on IL-8. Journal of Pathology, 2021, 255, 190-201.	4.5	49
26	Dual modulation of MCL-1 and mTOR determines the response to sunitinib. Journal of Clinical Investigation, 2016, 127, 153-168.	8.2	49
27	Assessment of a New ROS1 Immunohistochemistry Clone (SP384) for the Identification of ROS1 Rearrangements in Patients with Non-Small Cell Lung Carcinoma: the ROSING Study. Journal of Thoracic Oncology, 2019, 14, 2120-2132.	1.1	48
28	Inhibitor of Differentiation-1 as a Novel Prognostic Factor in NSCLC Patients with Adenocarcinoma Histology and Its Potential Contribution to Therapy Resistance. Clinical Cancer Research, 2011, 17, 4155-4166.	7.0	47
29	Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. Cancer Cytopathology, 2020, 128, 885-894.	2.4	47
30	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. Cancer Cytopathology, 2017, 125, 817-830.	2.4	44
31	Identification of Importin 8 (IPO8) as the most accurate reference gene for the clinicopathological analysis of lung specimens. BMC Molecular Biology, 2008, 9, 103.	3.0	40
32	Complement C4d-specific antibodies for the diagnosis of lung cancer. Oncotarget, 2018, 9, 6346-6355.	1.8	39
33	Consistency and reproducibility of next-generation sequencing in cytopathology: A second worldwide ring trial study on improved cytological molecular reference specimens. Cancer Cytopathology, 2019, 127, 285-296.	2.4	39
34	Id1 and Id3 co-expression correlates with clinical outcome in stage III-N2 non-small cell lung cancer patients treated with definitive chemoradiotherapy. Journal of Translational Medicine, 2013, 11, 13.	4.4	38
35	Total and mutated EGFR quantification in cell-free DNA from non-small cell lung cancer patients detects tumor heterogeneity and presents prognostic value. Tumor Biology, 2016, 37, 13687-13694.	1.8	37
36	Detection of EGFR Variants in Plasma. Journal of Molecular Diagnostics, 2018, 20, 483-494.	2.8	37

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37	EchoBrush may be superior to standard EUS-guided FNA in the evaluation of cystic lesions of the pancreas. <i>Cancer Cytopathology</i> , 2011, 119, 209-214.	2.4	35
38	Assessment of indeterminate pulmonary nodules detected in lung cancer screening: Diagnostic accuracy of FDG PET/CT. <i>Lung Cancer</i> , 2016, 97, 81-86.	2.0	34
39	Identification of mutations associated with acquired resistance to sunitinib in renal cell cancer. <i>International Journal of Cancer</i> , 2019, 145, 1991-2001.	5.1	32
40	Diverse immune environments in human lung tuberculosis granulomas assessed by quantitative multiplexed immunofluorescence. <i>Modern Pathology</i> , 2020, 33, 2507-2519.	5.5	32
41	Antitumor effects of a monoclonal antibody to human CCR9 in leukemia cell xenografts. <i>MAbs</i> , 2014, 6, 1000-1012.	5.2	31
42	Programmed death-ligand 1 expression on direct Pap-stained cytology smears from non-small cell lung cancer: Comparison with cell blocks and surgical resection specimens. <i>Cancer Cytopathology</i> , 2019, 127, 470-480.	2.4	31
43	Fine-needle aspiration cytology and immunocytochemistry in the diagnosis of 24 gastrointestinal stromal tumors: A quick, reliable diagnostic method. <i>Diagnostic Cytopathology</i> , 2003, 28, 131-135.	1.0	29
44	A novel protein-based prognostic signature improves risk stratification to guide clinical management in early-stage lung adenocarcinoma patients. <i>Journal of Pathology</i> , 2018, 245, 421-432.	4.5	29
45	Lung Cancer Screening: Fourteen Year Experience of the Pamplona Early Detection Program (P-IELCAP). <i>Archivos De Bronconeumologia</i> , 2015, 51, 169-176.	0.8	28
46	hCP-4, Encoded by a Putative Tumor Suppressor Gene at 3p21, But Not Its Alternative Splice Variant hCP-4a, Is Underexpressed in Lung Cancer. <i>Cancer Research</i> , 2004, 64, 4171-4179.	0.9	27
47	Complement Factor H Is Elevated in Bronchoalveolar Lavage Fluid and Sputum from Patients with Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 2665-2672.	2.5	27
48	Development of a novel splice array platform and its application in the identification of alternative splice variants in lung cancer. <i>BMC Genomics</i> , 2010, 11, 352.	2.8	25
49	Assessment of EGFR and KRAS mutation status from FNAs and core-needle biopsies of non-small cell lung cancer. <i>Cancer Cytopathology</i> , 2015, 123, 230-236.	2.4	25
50	Survival with Parenchymal and Pleural Invasion of Non-Small Cell Lung Cancers Less than 30 mm. <i>Journal of Thoracic Oncology</i> , 2019, 14, 890-902.	1.1	25
51	Angiomyolipoma and PEComa Are Immunoreactive for MyoD1 in Cell Cytoplasmic Staining Pattern. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2003, 11, 156-160.	1.2	24
52	Molecular biomarkers in early stage lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 1165-1185.	2.8	23
53	Elevated Levels of the Complement Activation Product C4d in Bronchial Fluids for the Diagnosis of Lung Cancer. <i>PLoS ONE</i> , 2015, 10, e0119878.	2.5	23
54	Relevance of MIA and S100 serum tumor markers to monitor BRAF inhibitor therapy in metastatic melanoma patients. <i>Clinica Chimica Acta</i> , 2014, 429, 168-174.	1.1	20

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55	MicroRNAs as prognostic markers in indolent primary cutaneous B-cell lymphoma. <i>Modern Pathology</i> , 2013, 26, 171-181.	5.5	19
56	The importance of low-dose CT screening to identify emphysema in asymptomatic participants with and without a prior diagnosis of COPD. <i>Clinical Imaging</i> , 2021, 78, 136-141.	1.5	18
57	Molecular Profiling of Computed Tomography Screen-Detected Lung Nodules Shows Multiple Malignant Features. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 373-380.	2.5	17
58	TMPRSS4: A Novel Tumor Prognostic Indicator for the Stratification of Stage IA Tumors and a Liquid Biopsy Biomarker for NSCLC Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2134.	2.4	17
59	PD-L1 in Cytological Samples: A Review and a Practical Approach. <i>Frontiers in Medicine</i> , 2021, 8, 668612.	2.6	17
60	Molecular characterization of small peripheral lung tumors based on the analysis of fine needle aspirates. <i>Histology and Histopathology</i> , 2008, 23, 33-40.	0.7	16
61	EUELC project: a multi-centre, multipurpose study to investigate early stage NSCLC, and to establish a biobank for ongoing collaboration. <i>European Respiratory Journal</i> , 2009, 34, 1477-1486.	6.7	15
62	Functional expression of CD137 (4-1BB) on T helper follicular cells. <i>Oncolmmunology</i> , 2015, 4, e1054597.	4.6	15
63	A model based on the quantification of complement C4c, CYFRA 21-1 and CRP exhibits high specificity for the early diagnosis of lung cancer. <i>Translational Research</i> , 2021, 233, 77-91.	5.0	15
64	COVID-19 pandemic impact on cytopathology practice in the post-lockdown period: An international, multicenter study. <i>Cancer Cytopathology</i> , 2022, 130, 344-351.	2.4	15
65	EUS-guided tissue acquisition in the study of the adrenal glands: Results of a nationwide multicenter study. <i>PLoS ONE</i> , 2019, 14, e0216658.	2.5	13
66	Solid pseudopapillary tumor of the pancreas (SPPT): Still an unsolved enigma. <i>Revista Espanola De Enfermedades Digestivas</i> , 2010, 102, 722-8.	0.3	13
67	Spanish Multidisciplinary Melanoma Group (GEM) guidelines for the management of patients with advanced melanoma. <i>European Journal of Dermatology</i> , 2015, 25, 392-403.	0.6	12
68	Combined clinical and genomic signatures for the prognosis of early stage non-small cell lung cancer based on gene copy number alterations. <i>BMC Genomics</i> , 2015, 16, 752.	2.8	12
69	Genomic characterization of individuals presenting extreme phenotypes of high and low risk to develop tobacco-induced lung cancer. <i>Cancer Medicine</i> , 2018, 7, 3474-3483.	2.8	11
70	CT screening for lung cancer: comparison of three baseline screening protocols. <i>European Radiology</i> , 2019, 29, 5217-5226.	4.5	11
71	Clinical Activity and Safety of Anti-Programmed Death-1 (PD-1) (BMS-936558/MDX-1106/ONO-4538) in Patients (PTS) with Advanced Melanoma (MEL). <i>Annals of Oncology</i> , 2012, 23, ix361.	1.2	10
72	Variations in Molecular Profile in NSCLC Can Be Analyzed Using Cytological Samples. <i>International Journal of Surgical Pathology</i> , 2015, 23, 111-115.	0.8	10

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73	Characterization of Newly Detected Costal Pleura-attached Noncalcified Nodules at Annual Low-Dose CT Screenings. <i>Radiology</i> , 2021, 301, 724-731.	7.3	10
74	Towards the elimination of hepatitis C: implementation of reflex testing in Andalusia. <i>Revista Espanola De Enfermedades Digestivas</i> , 2020, 112, 515-519.	0.3	8
75	Guidelines for biomarker testing in metastatic melanoma: a National Consensus of the Spanish Society of Pathology and the Spanish Society of Medical Oncology. <i>Clinical and Translational Oncology</i> , 2014, 16, 362-373.	2.4	7
76	Impact of amyloid-PET in daily clinical management of patients with cognitive impairment fulfilling appropriate use criteria. <i>Medicine (United States)</i> , 2019, 98, e16509.	1.0	6
77	Evaluation of the role of thyroid scintigraphy in the differential diagnosis of thyrotoxicosis. <i>Clinical Endocrinology</i> , 2021, 94, 466-472.	2.4	6
78	Metastatic tumors in the pancreas: the role of endoscopic ultrasound-guided fine-needle aspiration. <i>Revista Espanola De Enfermedades Digestivas</i> , 2019, 111, 345-350.	0.3	6
79	FDG Uptake and the Diagnostic Yield of Transbronchial Needle Aspiration. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2011, 18, 7-14.	1.4	5
80	A comprehensive diagnosis of a desmoplastic small round cell tumor of unusual location based on fine-needle aspiration cytology: Report of a case arising in the parotid gland and review of the literature. <i>Diagnostic Cytopathology</i> , 2020, 48, 827-832.	1.0	5
81	Diagnostic accuracy of visual analysis versus dual time-point imaging with 18F-FDG PET/CT for the characterization of indeterminate pulmonary nodules with low uptake. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2021, 40, 155-160.	0.2	5
82	Gastrointestinal Endoscopic Ultrasound-Guided Fine-Needle Aspiration for Assessing Suspected Deep Pelvic or Abdominal Recurrence in Gynecologic Cancer: A Feasibility Study. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 761-765.	1.7	4
83	Utilisation of cytological samples for multiplex immunofluorescence assay. <i>Cytopathology</i> , 2021, 32, 611-616.	0.7	4
84	Incidental lesions of the pancreas. A clinicopathological study of 100 cases surgically treated. <i>Revista Espanola De Enfermedades Digestivas</i> , 2019, 112, 85-89.	0.3	4
85	Teacher change: ideas emerging from a project for the teaching of university mathematics. <i>Teaching in Higher Education</i> , 2015, 20, 699-710.	2.6	3
86	Neoadjuvant therapy for locally advanced gastric cancer patients. A population pharmacodynamic modeling. <i>PLoS ONE</i> , 2019, 14, e0215970.	2.5	3
87	Intraductal papillary mucinous neoplasms (IPMN) of the pancreas: clinico-pathologic results. <i>Revista Espanola De Enfermedades Digestivas</i> , 2010, 102, 314-20.	0.3	3
88	In patients with advanced non-small cell lung cancer (NSCLC) LAG-3 is expressed on activated TILs and predicts resistance to PD-1 axis blockers. <i>Annals of Oncology</i> , 2017, 28, xi5.	1.2	2
89	Challenges of ICC and FISH in the Field of Targeted Therapies from Cell Block to Smears. <i>Journal of Molecular Pathology</i> , 2021, 2, 55-65.	1.2	1
90	Assessment of epidermal growth factor receptor (EGFR) and K-ras mutation status in cytologic stained smears of non-small cell lung cancer (NSCLC) patients.. <i>Journal of Clinical Oncology</i> , 2010, 28, 7560-7560.	1.6	1

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91	Recommendations for optimizing the use of cytology in the diagnosis and management of patients with lung cancer. Revista Espanola De Patologia, 2022, , .	0.2	1
92	Feasibility and Usefulness of Determining EGFR and KRAS Mutations in Cytological Samples and CNB of NSCLC Using an Automated Real-Time PCR System. Annals of Oncology, 2012, 23, ix432.	1.2	0
93	P1.09-09 Evaluation of a Novel ROS1 Immunohistochemistry Clone (SP384) for the Identification of ROS1 Rearrangements in NSCLC Patients. Journal of Thoracic Oncology, 2018, 13, S553-S554.	1.1	0
94	The role of cytopathology practice and research in the development of personalized medicine in Iberoamerica. Diagnostic Cytopathology, 2020, 48, 819-820.	1.0	0
95	A Histological Study of the Barrier Effect of the Physis Against Metaphyseal Osteosarcoma. , 2009, , 71-78.		0
96	Inhibitor of differentiation-1 (Id1): A novel prognostic and predictive factor in lung adenocarcinoma (AC).. Journal of Clinical Oncology, 2010, 28, 10611-10611.	1.6	0
97	Abstract 2251: High VEGFA pathway expression predicts good prognosis in stage I squamous cell carcinoma of the lung. , 2011, , .		0
98	Abstract 2219: Inhibitor of differentiation-1 is a novel prognostic factor among NSCLC patients with adenocarcinoma histology and contributes to therapy resistance. , 2011, , .		0
99	Feasability and reliabity of the assessment of BRAF and c-KIT mutations in cytologic samples from metastatic melanoma.. Journal of Clinical Oncology, 2011, 29, 8575-8575.	1.6	0
100	Spinal meningioma diagnosis based on transesophageal endoscopic ultrasound-guided fine-needle aspiration (EUS-FNA). Revista Espanola De Enfermedades Digestivas, 2013, 105, 500-501.	0.3	0
101	Integrated genomic analysis for revealing broad remodeling of EGFR-targeted therapy resistant lung cancers.. Journal of Clinical Oncology, 2014, 32, 8083-8083.	1.6	0
102	Abstract 954: Integrated genomic analysis by whole exome and transcriptome sequencing of tumor samples from EGFR-mutant non-small-cell lung cancer patients with acquired resistance to erlotinib. , 2014, , .		0
103	Immunocytochemistry in the differential diagnosis of serous effusions. Cancer, 2001, 93, 68-72.	4.1	0