

# Mario Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,573  
citations

172457

29  
h-index

155660

55  
g-index

116  
all docs

116  
docs citations

116  
times ranked

5096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a radiomic approach to decipher NSCLC immune microenvironment in surgically resected patients. <i>Tumori</i> , 2022, 108, 86-92.	1.1	5
2	Scan-based competing death risk model for re-evaluating lung cancer computed tomography screening eligibility. <i>European Respiratory Journal</i> , 2022, 59, 2101613.	6.7	5
3	European lung cancer screening: valuable trial evidence for optimal practice implementation. <i>British Journal of Radiology</i> , 2022, 95, 20200260.	2.2	0
4	The diagnostic value of grey-scale inversion technique in chest radiography. <i>Radiologia Medica</i> , 2022, 127, 294-304.	7.7	9
5	Interstitial lung abnormalities: new insights between theory and clinical practice. <i>Insights Into Imaging</i> , 2022, 13, 6.	3.4	9
6	Outstanding negative prediction performance of solid pulmonary nodule volume AI for ultra-LDCT baseline lung cancer screening risk stratification. <i>Lung Cancer</i> , 2022, 165, 133-140.	2.0	16
7	Expression profiles of tRNA-derived fragments and their potential roles in lung adenocarcinoma. <i>Annals of Translational Medicine</i> , 2022, 10, 196-196.	1.7	6
8	Low-dose CT for lung cancer screening: position paper from the Italian college of thoracic radiology. <i>Radiologia Medica</i> , 2022, 127, 543-559.	7.7	16
9	The importance of routine quality control for reproducible pulmonary measurements by in vivo micro-CT. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
10	Deep Learning-based Outcome Prediction in Progressive Fibrotic Lung Disease Using High-Resolution Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 883-891.	5.6	29
11	Lung cancer screening by nodule volume in Lung-RADS v1.1: negative baseline CT yields potential for increased screening interval. <i>European Radiology</i> , 2021, 31, 1956-1968.	4.5	24
12	COVID-19 outbreak in Italy: Clinical-radiological presentation and outcome in three oncologic patients. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 99-102.	1.7	1
13	Chest X-ray for predicting mortality and the need for ventilatory support in COVID-19 patients presenting to the emergency department. <i>European Radiology</i> , 2021, 31, 1999-2012.	4.5	86
14	Using quantitative computed tomography to predict mortality in patients with interstitial lung disease related to systemic sclerosis: implications for personalized medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2021, 6, 31-40.	0.7	1
15	Longitudinal change during follow-up of systemic sclerosis: correlation between high-resolution computed tomography and pulmonary function tests. <i>Clinical Rheumatology</i> , 2021, 40, 213-219.	2.2	8
16	Clinical Impact of COVID-19 Outbreak on Cancer Patients: A Retrospective Study. <i>Clinical Medicine Insights: Oncology</i> , 2021, 15, 117955492110434.	1.3	1
17	Association of hepatic steatosis with epicardial fat volume and coronary artery disease in symptomatic patients. <i>Radiologia Medica</i> , 2021, 126, 652-660.	7.7	8
18	Imaging in non-cystic fibrosis bronchiectasis and current limitations. <i>BJR Open</i> , 2021, 3, 20210026.	0.6	4

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19	Combining pulmonary and cardiac computed tomography biomarkers for disease-specific risk modelling in lung cancer screening. <i>European Respiratory Journal</i> , 2021, 58, 2003386.	6.7	8
20	Frequency and characterization of ancillary chest CT findings in COVID-19 pneumonia. <i>British Journal of Radiology</i> , 2021, 94, 20200716.	2.2	7
21	Lung Cancer Screening: Evidence, Risks, and Opportunities for Implementation. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 1153-1161.	1.3	8
22	A signature of estimate-stromal-immune score-based genes associated with the prognosis of lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021, 10, 1484-1500.	2.8	22
23	Screen-detected solid nodules: from detection of nodule to structured reporting. <i>Translational Lung Cancer Research</i> , 2021, 10, 2335-2346.	2.8	5
24	The radiologist's role in lung cancer screening. <i>Translational Lung Cancer Research</i> , 2021, 10, 2356-2367.	2.8	7
25	False-Negative Results in Lung Cancer Screening: Evidence and Controversies. <i>Journal of Thoracic Oncology</i> , 2021, 16, 912-921.	1.1	14
26	Integrated prognostication of intrahepatic cholangiocarcinoma by contrast-enhanced computed tomography: the adjunct yield of radiomics. <i>Abdominal Radiology</i> , 2021, 46, 4689-4700.	2.1	8
27	Approach to diffuse lung diseases: dilemmas, pitfalls and tips. <i>Journal of Radiological Review</i> , 2021, 8, .	0.1	1
28	Feasibility, face, and content validity of quantitative computed tomography in interstitial lung disease related to connective tissue diseases. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, .	1.3	0
29	Review on radiological evolution of COVID-19 pneumonia using computed tomography. <i>World Journal of Radiology</i> , 2021, 13, 294-306.	1.1	2
30	QIBA guidance: Computed tomography imaging for COVID-19 quantitative imaging applications. <i>Clinical Imaging</i> , 2021, 77, 151-157.	1.5	11
31	Deep Learning for Lung Cancer Detection on Screening CT Scans: Results of a Large-Scale Public Competition and an Observer Study with 11 Radiologists. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e210027.	5.8	24
32	CT angiography for pulmonary embolism in the emergency department: investigation of a protocol by 20% of high-concentration contrast medium. <i>Radiologia Medica</i> , 2020, 125, 137-144.	7.7	4
33	Comparison of admission chest computed tomography and lung ultrasound performance for diagnosis of COVID-19 pneumonia in populations with different disease prevalence. <i>European Journal of Radiology</i> , 2020, 133, 109344.	2.6	49
34	Quantification of Lung Fibrosis in IPF-Like Mouse Model and Pharmacological Response to Treatment by Micro-Computed Tomography. <i>Frontiers in Pharmacology</i> , 2020, 11, 1117.	3.5	37
35	In-vivo lung fibrosis staging in a bleomycin-mouse model: a new micro-CT guided densitometric approach. <i>Scientific Reports</i> , 2020, 10, 18735.	3.3	28
36	Qualitative and quantitative chest CT parameters as predictors of specific mortality in COVID-19 patients. <i>Emergency Radiology</i> , 2020, 27, 701-710.	1.8	27

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37	Dataset on the identification of a prognostic radio-immune signature in surgically resected Non Small Cell Lung Cancer. Data in Brief, 2020, 31, 105781.	1.0	6
38	Unknown SARS-CoV-2 pneumonia detected by PET/CT in patients with cancer. Tumori, 2020, 106, 325-332.	1.1	32
39	ESR/ERS statement paper on lung cancer screening. European Respiratory Journal, 2020, 55, 1900506.	6.7	57
40	Integrated Radiologic Algorithm for COVID-19 Pandemic. Journal of Thoracic Imaging, 2020, 35, 228-233.	1.5	68
41	Multiple primary malignancies involving lung cancer: a single-center experience. Tumori, 2020, 107, 030089162093367.	1.1	8
42	Stratification of long-term outcome in stable idiopathic pulmonary fibrosis by combining longitudinal computed tomography and forced vital capacity. European Radiology, 2020, 30, 2669-2679.	4.5	19
43	Integrated CT imaging and tissue immune features disclose a radio-immune signature with high prognostic impact on surgically resected NSCLC. Lung Cancer, 2020, 144, 30-39.	2.0	23
44	COVID-19 patients and the radiology department "advice from the European Society of Radiology (ESR) and the European Society of Thoracic Imaging (ESTI). European Radiology, 2020, 30, 4903-4909.	4.5	298
45	Validity of epicardial fat volume as biomarker of coronary artery disease in symptomatic individuals: Results from the ALTER-BIO registry. International Journal of Cardiology, 2020, 314, 20-24.	1.7	21
46	Well-aerated Lung on Admitting Chest CT to Predict Adverse Outcome in COVID-19 Pneumonia. Radiology, 2020, 296, E86-E96.	7.3	368
47	Radiological Signs of Tumor Dissemination. Cancer Dissemination Pathways, 2020, , 35-46.	0.0	1
48	ESR/ERS statement paper on lung cancer screening. European Radiology, 2020, 30, 3277-3294.	4.5	83
49	The role of the radiologist in diagnosing the COVID-19 infection. Parma experiences. Acta Biomedica, 2020, 91, 169-171.	0.3	2
50	Interstitial lung disease in Sjögren's syndrome: a clinical review. Clinical and Experimental Rheumatology, 2020, 38 Suppl 126, 291-300.	0.8	7
51	Sarcoid-like reaction mimicking disease progression in an ALK-positive lung cancer patient receiving lorlatinib. Investigational New Drugs, 2019, 37, 360-363.	2.6	11
52	Prognostic and predictive value of histogram analysis in patients with non-small cell lung cancer refractory to platinum treated by nivolumab: A multicentre retrospective study. European Journal of Radiology, 2019, 118, 251-256.	2.6	11
53	Ten-year results of the Multicentric Italian Lung Detection trial demonstrate the safety and efficacy of biennial lung cancer screening. European Journal of Cancer, 2019, 118, 142-148.	2.8	72
54	Lung cancer screening: tell me more about post-test risk. Journal of Thoracic Disease, 2019, 11, 3681-3688.	1.4	5

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55	Quantitative assessment of interstitial lung disease in Sjögren's syndrome. PLoS ONE, 2019, 14, e0224772.	2.5	17
56	Quantification of epicardial fat with cardiac CT angiography and association with cardiovascular risk factors in symptomatic patients: from the ALTER-BIO (Alternative Cardiovascular Bio-Imaging) Trial. Overlook, 2019, 10, 1-7.	1.4	10
57	Comparison of ultra-low dose chest CT scanning protocols for the detection of pulmonary nodules: a phantom study. Tumori, 2019, 105, 394-403.	1.1	12
58	Solid Indeterminate Pulmonary Nodules Less Than or Equal to 250 <sup>3</sup> mm: Application of the Updated Fleischner Society Guidelines in Clinical Practice. Radiology Research and Practice, 2019, 2019, 1-7.	1.3	8
59	Spread through air spaces in lung adenocarcinoma: is radiology reliable yet?. Journal of Thoracic Disease, 2019, 11, S256-S261.	1.4	7
60	Prolonged lung cancer screening reduced 10-year mortality in the MILD trial: new confirmation of lung cancer screening efficacy. Annals of Oncology, 2019, 30, 1162-1169.	1.2	328
61	Overall mortality in combined pulmonary fibrosis and emphysema related to systemic sclerosis. RMD Open, 2019, 5, e000820.	3.8	20
62	The natural course of incidentally detected, small, subsolid lung nodules: is follow-up needed beyond current guideline recommendations?. Translational Lung Cancer Research, 2019, 8, S412-S417.	2.8	3
63	Pulmonary quantitative CT imaging in focal and diffuse disease: current research and clinical applications. British Journal of Radiology, 2018, 91, 20170644.	2.2	36
64	Automatic segmentation of the solid core and enclosed vessels in subsolid pulmonary nodules. Scientific Reports, 2018, 8, 646.	3.3	14
65	Detection of Subsolid Nodules in Lung Cancer Screening. Investigative Radiology, 2018, 53, 441-449.	6.2	35
66	Lung Toxicity in Non-Small-Cell Lung Cancer Patients Exposed to ALK Inhibitors: Report of a Peculiar Case and Systematic Review of the Literature. Clinical Lung Cancer, 2018, 19, e151-e161.	2.6	50
67	Structured reporting for fibrosing lung disease: a model shared by radiologist and pulmonologist. Radiologia Medica, 2018, 123, 245-253.	7.7	34
68	Variable radiological lung nodule evaluation leads to divergent management recommendations. European Respiratory Journal, 2018, 52, 1801359.	6.7	32
69	Deep learning for classifying fibrotic lung disease on high-resolution computed tomography: a case-cohort study. Lancet Respiratory Medicine, 2018, 6, 837-845.	10.7	252
70	Long-Term Active Surveillance of Screening Detected Subsolid Nodules is a Safe Strategy to Reduce Overtreatment. Journal of Thoracic Oncology, 2018, 13, 1454-1463.	1.1	51
71	Interstitial lung abnormalities. Current Opinion in Pulmonary Medicine, 2018, 24, 432-439.	2.6	8
72	The Matter of the Lung: Quantification of Vascular Substance in Asthma. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1-2.	5.6	8

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73	Late Breaking Abstract - A Deep Learning Algorithm for Classifying Fibrotic Lung Disease on High Resolution Computed Tomography. , 2018, , .		2
74	Look around your target: a new approach to early diagnosis of lung cancer. <i>Annals of Translational Medicine</i> , 2018, 6, S77-S77.	1.7	5
75	Quantitative CT indexes are significantly associated with exercise oxygen desaturation in interstitial lung disease related to systemic sclerosis. <i>Clinical Respiratory Journal</i> , 2017, 11, 983-989.	1.6	13
76	Lung cancer screening with low-dose spiral computed tomography: evidence from a pooled analysis of two Italian randomized trials. <i>European Journal of Cancer Prevention</i> , 2017, 26, 324-329.	1.3	36
77	Lung cancer screening with low-dose CT in Europe: strength and weakness of diverse independent screening trials. <i>Clinical Radiology</i> , 2017, 72, 389-400.	1.1	48
78	Quantitative chest computed tomography is associated with two prediction models of mortality in interstitial lung disease related to systemic sclerosis. <i>Rheumatology</i> , 2017, 56, 922-927.	1.9	31
79	Bronchial artery embolization for the treatment of haemoptysis in pulmonary hypertension. <i>Radiologia Medica</i> , 2017, 122, 257-264.	7.7	8
80	FNA and CNB in the Diagnosis of Pulmonary Lesions: A Single-center Experience on 665 Patients, Comparison between Two Periods. <i>Tumori</i> , 2017, 103, 360-366.	1.1	5
81	High-pitch dual-source CT angiography without ECG-gating for imaging the whole aorta: intraindividual comparison with standard pitch single-source technique without ECG-gating. <i>Diagnostic and Interventional Radiology</i> , 2017, 23, 293-299.	1.5	12
82	Pleural plaques in lung cancer screening by low-dose computed tomography: prevalence, association with lung cancer and mortality. <i>BMC Pulmonary Medicine</i> , 2017, 17, 155.	2.0	10
83	Adenocarcinoma in pure ground glass nodules: histological evidence of invasion and open debate on optimal management. <i>Journal of Thoracic Disease</i> , 2017, 9, 2862-2867.	1.4	8
84	An uncommon cause of ascites: uroperitoneum from iatrogenic bladder fistula detected by CT urography. <i>BJR   case Reports</i> , 2016, 2, 20150391.	0.2	2
85	Are interstitial lung abnormalities associated with COPD? A nested case&ndash;control study. <i>International Journal of COPD</i> , 2016, 11, 1087.	2.3	13
86	Lung volume reduction of pulmonary emphysema. <i>Current Opinion in Pulmonary Medicine</i> , 2016, 22, 179-186.	2.6	7
87	Spontaneous Pneumomediastinum as a Potential Predictor of Mortality in Patients with Idiopathic Pulmonary Fibrosis. <i>Respiration</i> , 2016, 92, 25-33.	2.6	10
88	Relationships between emphysema and airways metrics at High-Resolution Computed Tomography (HRCT) and ventilatory response to exercise in mild to moderate COPD patients. <i>Respiratory Medicine</i> , 2016, 117, 207-214.	2.9	25
89	Normal spectrum of pulmonary parametric response map to differentiate lung collapsibility: distribution of densitometric classifications in healthy adult volunteers. <i>European Radiology</i> , 2016, 26, 3063-3070.	4.5	10
90	Low-dose computed tomography for lung cancer screening: comparison of performance between annual and biennial screen. <i>European Radiology</i> , 2016, 26, 3821-3829.	4.5	92

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91	Pre-surgical assessment of mandibular bone invasion from oral cancer: comparison between different imaging techniques and relevance of radiologist expertise. <i>Radiologia Medica</i> , 2016, 121, 704-710.	7.7	10
92	Screening with Low-Dose Computed Tomography Does Not Improve Survival of Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 187-193.	1.1	41
93	Stopping Smoking Reduces Mortality in Low-Dose Computed Tomography Screening Participants. <i>Journal of Thoracic Oncology</i> , 2016, 11, 693-699.	1.1	50
94	Interobserver agreement for the ATS/ERS/JRS/ALAT criteria for a UIP pattern on CT. <i>Thorax</i> , 2016, 71, 45-51.	5.6	256
95	Effect of iterative reconstruction on image quality of low-dose chest computed tomography. <i>Acta Biomedica</i> , 2016, 87, 168-76.	0.3	3
96	Semiautomatic Analysis on Computed Tomography in Locally Advanced or Metastatic Non-Small Cell Lung Cancer. <i>Journal of Thoracic Imaging</i> , 2015, 30, 290-299.	1.5	2
97	Pulmonary Vessel Cross-sectional Area before and after Liver Transplantation. <i>Academic Radiology</i> , 2015, 22, 752-759.	2.5	0
98	Imaging of Sarcoidosis. <i>Clinical Reviews in Allergy and Immunology</i> , 2015, 49, 45-53.	6.5	53
99	Comparison of four software packages for CT lung volumetry in healthy individuals. <i>European Radiology</i> , 2015, 25, 1588-1597.	4.5	10
100	Operator-independent quantitative chest computed tomography versus standard assessment of interstitial lung disease related to systemic sclerosis: A multi-centric study. <i>Modern Rheumatology</i> , 2015, 25, 724-730.	1.8	28
101	Refining Strategies to Identify Populations to Be Screened for Lung Cancer. <i>Thoracic Surgery Clinics</i> , 2015, 25, 217-221.	1.0	2
102	Inter-observer agreement of CT measurement of the glenoid bone surface by the CT Pico method: Comparison with laser in a cadaveric model. <i>Skeletal Radiology</i> , 2015, 44, 1491-1497.	2.0	4
103	Longitudinal evolution of incidentally detected solitary pure ground-glass nodules on CT: relation to clinical metrics. <i>Diagnostic and Interventional Radiology</i> , 2015, 21, 385-390.	1.5	14
104	COPD phenotypes by high resolution computed tomography (HRCT) and ventilatory response to exercise. , 2015, , .		0
105	Unusual Findings of Langerhans Cell Histiocytosis in a Young Asymptomatic Patient: Case Report. <i>Journal of Pulmonary &amp; Respiratory Medicine</i> , 2014, 04, .	0.1	0
106	CT-guided biopsy of pulmonary nodules: is pulmonary hemorrhage a complication or an advantage?. <i>Diagnostic and Interventional Radiology</i> , 2014, 20, 421-425.	1.5	33
107	Anterior Mediastinal Masses. <i>American Journal of Roentgenology</i> , 2014, 203, W128-W138.	2.2	51
108	Multidetector Computed Tomographic Imaging in Chronic Obstructive Pulmonary Disease. <i>Radiologic Clinics of North America</i> , 2014, 52, 137-154.	1.8	13

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109	Reproducible Noninvasive Method for Evaluation of Glenoid Bone Loss by Multiplanar Reconstruction Curved Computed Tomographic Imaging Using a Cadaveric Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 471-477.	2.7	14
110	Increased mean lung density: Another independent predictor of lung cancer?. <i>European Journal of Radiology</i> , 2013, 82, 1325-1331.	2.6	17
111	Non-small cell lung cancer after surgery and chemoradiotherapy: follow-up and response assessment. <i>Diagnostic and Interventional Radiology</i> , 2013, 19, 447-56.	1.5	8
112	Computed Tomography Measurement of Rib Cage Morphometry in Emphysema. <i>PLoS ONE</i> , 2013, 8, e68546.	2.5	16
113	Long-Term Surveillance of Ground-Glass Nodules: Evidence from the MILD Trial. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1541-1546.	1.1	71