

# Lina Carvalho

## List of Publications by Year in descending order

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117  
papers

2,707  
citations

257429

24  
h-index

206102

48  
g-index

149  
all docs

149  
docs citations

149  
times ranked

4389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning with mobile technologies – Students™ behavior. <i>Computers in Human Behavior</i> , 2017, 72, 612-620.	8.5	227
2	Metabolic Signatures of Lung Cancer in Biofluids: NMR-Based Metabonomics of Urine. <i>Journal of Proteome Research</i> , 2011, 10, 221-230.	3.7	205
3	Heterogeneity in Lung Cancer. <i>Pathobiology</i> , 2018, 85, 96-107.	3.8	202
4	Metabolic Signatures of Lung Cancer in Biofluids: NMR-Based Metabonomics of Blood Plasma. <i>Journal of Proteome Research</i> , 2011, 10, 4314-4324.	3.7	154
5	Metabolic Profiling of Human Lung Cancer Tissue by 1H High Resolution Magic Angle Spinning (HRMAS) NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2010, 9, 319-332.	3.7	136
6	Chitosan-based dressings loaded with neurotensin – an efficient strategy to improve early diabetic wound healing. <i>Acta Biomaterialia</i> , 2014, 10, 843-857.	8.3	130
7	MIA PaCa-2 and PANC-1 – pancreas ductal adenocarcinoma cell lines with neuroendocrine differentiation and somatostatin receptors. <i>Scientific Reports</i> , 2016, 6, 21648.	3.3	118
8	Neurotensin-loaded collagen dressings reduce inflammation and improve wound healing in diabetic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 32-43.	3.8	101
9	Exercise training decreases proinflammatory profile in Zucker diabetic (type 2) fatty rats. <i>Nutrition</i> , 2009, 25, 330-339.	2.4	91
10	Atypical goblet cell hyperplasia in congenital cystic adenomatoid malformation as a possible preneoplasia for pulmonary adenocarcinoma in childhood: a genetic analysis. <i>Human Pathology</i> , 2004, 35, 565-570.	2.0	90
11	NMR metabolomics of human lung tumours reveals distinct metabolic signatures for adenocarcinoma and squamous cell carcinoma. <i>Carcinogenesis</i> , 2015, 36, 68-75.	2.8	75
12	Effect of Increased Lactate Dehydrogenase A Activity and Aerobic Glycolysis on the Proinflammatory Profile of Autoimmune CD8+ T Cells in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 2050-2064.	5.6	48
13	Human bronchial epithelial cells malignantly transformed by hexavalent chromium exhibit an aneuploid phenotype but no microsatellite instability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 670, 42-52.	1.0	45
14	microRNA-155 inhibition restores Fibroblast Growth Factor 7 expression in diabetic skin and decreases wound inflammation. <i>Scientific Reports</i> , 2019, 9, 5836.	3.3	45
15	Morphologic and molecular classification of lung neuroendocrine neoplasms. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 5-19.	2.8	44
16	The VEGF-system in primary pulmonary angiosarcomas and haemangioendotheliomas: New potential therapeutic targets?. <i>Lung Cancer</i> , 2009, 65, 49-55.	2.0	40
17	Potential Markers of Cisplatin Treatment Response Unveiled by NMR Metabolomics of Human Lung Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 4242-4251.	4.6	39
18	Bisphosphonate-related osteonecrosis of the jaw: specificities. <i>Oncology Reviews</i> , 2014, 8, 254.	1.8	36

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19	Can nuclear magnetic resonance (NMR) spectroscopy reveal different metabolic signatures for lung tumours?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 457, 715-725.	2.8	34
20	Promoter hypermethylation of DNA repair genes MLH1 and MSH2 in adenocarcinomas and squamous cell carcinomas of the lung. <i>Revista Portuguesa De Pneumologia</i> , 2014, 20, 20-30.	0.7	34
21	Autogenous tooth transplantation: Evaluation of pulp tissue regeneration. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e984-e989.	1.7	30
22	Deficient Production of Reactive Oxygen Species Leads to Severe Chronic DSS-Induced Colitis in Ncf1/p47phox-Mutant Mice. <i>PLoS ONE</i> , 2014, 9, e97532.	2.5	27
23	Stroma-derived IL-6, G-CSF and Activin-A mediated dedifferentiation of lung carcinoma cells into cancer stem cells. <i>Scientific Reports</i> , 2018, 8, 11573.	3.3	26
24	Reproducibility of Immunohistochemical Scoring for Epidermal Growth Factor Receptor Expression in Non-Small Cell Lung Cancer: Round Robin Test. <i>Archives of Pathology and Laboratory Medicine</i> , 2013, 137, 1255-1261.	2.5	25
25	Lung cancer biomarker testing: perspective from Europe. <i>Translational Lung Cancer Research</i> , 2020, 9, 887-897.	2.8	25
26	Monoclonal anti-CD8 therapy induces disease amelioration in the K/BxN mouse model of spontaneous chronic polyarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 2953-2962.	6.7	24
27	Thoracoscopic enucleation of a leiomyoma of the upper thoracic esophagus. <i>Ecological Management and Restoration</i> , 2003, 16, 339-341.	0.4	23
28	Erythropoietin Promotes Deleterious Cardiovascular Effects and Mortality Risk in a Rat Model of Chronic Sports Doping. <i>Cardiovascular Toxicology</i> , 2009, 9, 201-210.	2.7	22
29	Lysophosphatidic acid enhances survival of human CD34+ cells in ischemic conditions. <i>Scientific Reports</i> , 2015, 5, 16406.	3.3	22
30	Association Between IL-4 and IL-6 Expression Variants and Gastric Cancer Among Portuguese Population. <i>GE Portuguese Journal of Gastroenterology</i> , 2015, 22, 143-152.	0.8	22
31	Estrogen receptor, progesterone receptor, and bcl-2 are markers with prognostic significance in CIN III. <i>International Journal of Gynecological Cancer</i> , 2004, 14, 911-920.	2.5	20
32	2-Bromo-5-hydroxyphenylporphyrins for photodynamic therapy: Photosensitization efficiency, subcellular localization and in vivo studies. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 51-61.	2.6	20
33	Acute mitral regurgitation due to ruptured ePTFE neo-chordae. <i>Journal of Heart Valve Disease</i> , 2007, 16, 278-81.	0.5	19
34	Gold-Based Nanoplateform for the Treatment of Anaplastic Thyroid Carcinoma: A Step Forward. <i>Cancers</i> , 2021, 13, 1242.	3.7	18
35	Amplification of FGFR1 gene and expression of FGFR1 protein is found in different histological types of lung carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 469, 173-182.	2.8	17
36	Doping $\beta$ -TCP as a Strategy for Enhancing the Regenerative Potential of Composite $\beta$ -TCP Alkali-Free Bioactive Glass Bone Grafts. <i>Experimental Study in Rats. Materials</i> , 2019, 12, 4.	2.9	17

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37	Hyaluronidase splice variants are associated with histology and outcome in adenocarcinoma and squamous cell carcinoma of the lung. <i>Human Pathology</i> , 2012, 43, 675-683.	2.0	15
38	Small-cell lung cancer in never-smokers: A case series. <i>Lung Cancer</i> , 2016, 93, 82-87.	2.0	15
39	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. <i>ESMO Open</i> , 2021, 6, 100024.	4.5	13
40	Organizing Pneumonia due to Actinomyces: An Undescribed Association. <i>Respiration</i> , 2011, 81, 433-436.	2.6	12
41	Pathophysiology of acute fibrinous and organizing pneumonia – Clinical and morphological spectra. <i>Pathophysiology</i> , 2019, 26, 213-217.	2.2	12
42	Clinical response to sildenafil in pulmonary hypertension associated with Gaucher disease. <i>Journal of Inherited Metabolic Disease</i> , 2005, 28, 603-605.	3.6	11
43	Hyaluronidases and hyaluronan synthases expression is inversely correlated with malignancy in lung/bronchial pre-neoplastic and neoplastic lesions, affecting prognosis. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 1039-1047.	1.5	11
44	Idiopathic pulmonary fibrosis in the era of antifibrotic therapy: Searching for new opportunities grounded in evidence. <i>Revista Portuguesa De Pneumologia</i> , 2017, 23, 287-293.	0.7	11
45	EGFR/erbB-1, HER2/erbB-2, CK7, LP34, Ki67 and P53 expression in preneoplastic lesions of bronchial epithelium: an immunohistochemical and genetic study. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 458, 571-581.	2.8	10
46	Identification of parathyroid glands: anatomical study and surgical implications. <i>Surgical and Radiologic Anatomy</i> , 2015, 37, 161-165.	1.2	10
47	Proteostasis in epicardial versus subcutaneous adipose tissue in heart failure subjects with and without diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2183-2198.	3.8	10
48	Reclassifying bronchial-pulmonary carcinoma: Differentiating histological type in biopsies by immunohistochemistry. <i>Revista Portuguesa De Pneumologia</i> , 2009, 15, 1101-1119.	0.7	9
49	CYP1A1 m1 and m2 polymorphisms: genetic susceptibility to lung cancer. <i>Revista Portuguesa De Pneumologia</i> , 2010, 16, 89-98.	0.7	9
50	Senescent bronchial fibroblasts induced to senescence by Cr(VI) promote epithelial-mesenchymal transition when co-cultured with bronchial epithelial cells in the presence of Cr(VI). <i>Mutagenesis</i> , 2015, 30, 277-286.	2.6	9
51	Calcium Phosphate Ceramics Can Prevent Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , 2020, 13, 1955.	2.9	9
52	Response surface approach to optimize the removal of the critical raw material dysprosium from water through living seaweeds. <i>Journal of Environmental Management</i> , 2021, 300, 113697.	7.8	9
53	Characterization of a Rat Model of Moderate Chronic Renal Failure – Focus on Hematological, Biochemical, and Cardio-Renal Profiles. <i>Renal Failure</i> , 2009, 31, 833-842.	2.1	8
54	Mesotelioma devida pleural – uma entidade rara numa mulher jovem. <i>Revista Portuguesa De Pneumologia</i> , 2012, 18, 294-298.	0.7	7

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55	Role of the extracellular matrix in variations of invasive pathways in lung cancers. Brazilian Journal of Medical and Biological Research, 2013, 46, 21-31.	1.5	7
56	Consensus document for the diagnosis and treatment of idiopathic pulmonary fibrosis. Revista Portuguesa De Pneumologia, 2016, 22, 112-122.	0.7	7
57	Reactive Oxygen Species Deficiency Due to Ncf1-Mutation Leads to Development of Adenocarcinoma and Metabolomic and Lipidomic Remodeling in a New Mouse Model of Dextran Sulfate Sodium-Induced Colitis. Frontiers in Immunology, 2018, 9, 701.	4.8	7
58	Automated Analysis of Proliferating Cells Spatial Organisation Predicts Prognosis in Lung Neuroendocrine Neoplasms. Cancers, 2021, 13, 4875.	3.7	7
59	Rosai-Dorfman Disease Manifesting as a Mediastinal Mass With Calcifications. Journal of Thoracic Imaging, 2010, 25, W30-W32.	1.5	7
60	Nucleolin Overexpression Predicts Patient Prognosis While Providing a Framework for Targeted Therapeutic Intervention in Lung Cancer. Cancers, 2022, 14, 2217.	3.7	7
61	Lipid peroxidation in lung tissue after chest trauma and correlation with the duration of the post-trauma survival period. International Journal of Legal Medicine, 1998, 111, 256-260.	2.2	6
62	Hemangioendotelioma epitelióide da pleura: Sobrevida de 29 meses. Revista Portuguesa De Pneumologia, 2006, 12, 455-461.	0.7	6
63	A novel immunodeficiency syndrome as a rare cause of secondary pulmonary alveolar proteinosis: A diagnosis after 5 decades. Revista Portuguesa De Pneumologia, 2014, 20, 273-278.	0.7	6
64	Bronchial-pulmonary adenocarcinoma subtyping relates with different molecular pathways. Revista Portuguesa De Pneumologia, 2015, 21, 259-270.	0.7	6
65	Projecto de estadiamento do cancro do pulmão pela IASLC: Estudo comparativo entre a 6.ª edição TNM em vigor e a 7.ª edição proposta. Revista Portuguesa De Pneumologia, 2009, 15, 67-76.	0.7	5
66	Hemangioendotelioma epitelióide da pleura – Uma apresentação rara a propósito de um caso clínico. Revista Portuguesa De Pneumologia, 2010, 16, 477-482.	0.7	5
67	Impairment of breast cancer cell invasion by COX-2-specific inhibitor NS398: roles of CXCR4 and of uPA system. Medical Oncology, 2012, 29, 1468-1476.	2.5	5
68	Pulmonary Peripheral Carcinoids after Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia and Tumorlets: Report of 3 Cases. Case Reports in Pulmonology, 2015, 2015, 1-7.	0.3	5
69	Is Preterm Labor Influenced by the Maternal-Fetal Interface?. Fetal and Pediatric Pathology, 2017, 36, 89-105.	0.7	5
70	Histologic evaluation of the effect of mineral trioxide aggregate-Fillapex as a root canal sealer in rat teeth submitted to late replantation. European Journal of Dentistry, 2017, 11, 089-093.	1.7	5
71	Can the regenerative potential of an alkali-free bioactive glass composition be enhanced when mixed with resorbable $\beta$ -TCP?. Ceramics International, 2018, 44, 5025-5031.	4.8	5
72	The many faces of IgG4-related disease: report of a case with inaugural recurrent aortic aneurism ruptures and literature review. Rheumatology International, 2018, 38, 1565-1570.	3.0	5

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73	Metabolic pathways in sporadic colorectal carcinogenesis: A new proposal. <i>Medical Hypotheses</i> , 2021, 148, 110512.	1.5	5
74	Evaluation of dentin formed in autogenous tooth transplantation in the dog: a comparison between one and two stage surgical techniques. <i>Dental Traumatology</i> , 2012, 28, 97-100.	2.0	4
75	Bronchial schwannoma: a singular lesion as a cause of obstructive pneumonia. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016217300.	0.5	4
76	Evaluation of HER2 by Automated FISH and IHC in Gastric Carcinoma Biopsies. <i>International Journal of Biological Markers</i> , 2016, 31, 38-43.	1.8	4
77	Cystic adenomatoid pulmonary malformation in adults: A retrospective study in a tertiary university hospital. <i>Revista Portuguesa De Pneumologia</i> , 2017, 23, 109-110.	0.7	4
78	Revisiting colorectal cancer animal model – An improved metastatic model for distal rectosigmoid colon carcinoma. <i>Pathophysiology</i> , 2018, 25, 89-99.	2.2	4
79	CYP1A1 m1 and m2 polymorphisms: genetic susceptibility to lung cancer. <i>Revista Portuguesa De Pneumologia</i> , 2010, 16, 89-98.	0.7	4
80	Lung adenocarcinoma: Sustained subtyping with immunohistochemistry and EGFR, HER2 and KRAS mutational status. <i>Revista Portuguesa De Pneumologia</i> , 2015, 21, 113-125.	0.7	3
81	Reclassifying bronchial-pulmonary carcinoma: differentiating histological type in biopsies by immunohistochemistry. <i>Revista Portuguesa De Pneumologia</i> , 2009, 15, 1101-19.	0.7	3
82	Late rupture of expanded polytetrafluoroethylene neochordae used for mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 259.	0.8	2
83	Carcinoma epidermóide do pulmão: Polissomia e amplificação do cromossoma 7 e do gene EGRF com forma wild type nos exões 19 e 21. <i>Revista Portuguesa De Pneumologia</i> , 2010, 16, 453-462.	0.7	2
84	Adult bronchiolitis – A clinical and pathological interpretative classification. <i>Revista Portuguesa De Pneumologia</i> , 2016, 22, 93-100.	0.7	2
85	Bronchial mucous gland adenoma: A rare tumor. <i>Revista Portuguesa De Pneumologia</i> , 2017, 23, 241-242.	0.7	2
86	Essential mineral content variations in commercial marine species induced by ecological and taxonomical attributes. <i>Journal of Food Composition and Analysis</i> , 2021, 103, 104118.	3.9	2
87	Syphilitic Aortitis Diagnosis in Clinical Setting. <i>Revista Portuguesa De Cirurgia Cardio-torácica E Vascul: Órgão Oficial Da Sociedade Portuguesa De Cirurgia Cardio-Torácica E Vascul</i> , 2017, 24, 166.	0.1	2
88	Mortality due to respiratory infections: an alert study before COVID-19 pandemic. <i>Pathologica</i> , 2022, 114, 146-151.	3.4	2
89	Beyond a pleural effusion: Primary pleuropulmonary sarcomas and the challenge of diagnosis. <i>Revista Portuguesa De Pneumologia</i> , 2016, 22, 298-299.	0.7	1
90	“Uninvited guests” of the brain in a 19th-century museum. <i>Polish Journal of Pathology</i> , 2019, 70, 49-50.	0.3	1

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91	Loss of Tissue Regenerative Capacity in Aging - The Tendon. International Journal of Stem Cell Research and Therapy, 2020, 7, .	1.0	1
92	Voices from the past: results of the ESP history of pathology working group survey on pathology museums. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, , 1.	2.8	1
93	Pulmonary veno-occlusive disease: a case report. Revista Portuguesa De Cardiologia, 2010, 29, 105-24.	0.5	1
94	Congenital pulmonary airway malformation: A rare diagnosis in adulthood. Respirology Case Reports, 2022, 10, e0895.	0.6	1
95	Da fibrose pulmonar Às bronquiolites. Revista Portuguesa De Pneumologia, 2007, 13, S7-S8.	0.7	0
96	NMR metabonomic study of lung cancer: metabolic profiling of urine and blood plasma. BMC Proceedings, 2010, 4, .	1.6	0
97	NMR metabonomic study of lung cancer: metabolic profiling of tissues. BMC Proceedings, 2010, 4, .	1.6	0
98	MicroRNA-21 in lung cancer: overexpression in metastasis of pulmonary adenocarcinomas and squamous cell carcinomas. BMC Proceedings, 2010, 4, .	1.6	0
99	EGFR/erb-1, HER2/erb-2, CK7, LP34, Ki67 and p53 expression in preneoplastic lesions of bronchial epithelium. BMC Proceedings, 2010, 4, .	1.6	0
100	KRAS and EGFR mutations coexisting in lung adenocarcinoma. BMC Proceedings, 2010, 4, .	1.6	0
101	EGFR unusual mutation status in lung adenocarcinomas. BMC Proceedings, 2010, 4, .	1.6	0
102	Comment on "Pulmonar collision tumor" and "Well-differentiated fetal adenocarcinoma". Revista Portuguesa De Pneumologia, 2012, 18, 46-47.	0.7	0
103	A8.1...NCF1-deficient mice with impaired oxidative burst have a more aggressive progression of dextran sulfate sodium (DSS) -induced colitis. Annals of the Rheumatic Diseases, 2014, 73, A76.3-A77.	0.9	0
104	Linfangioleiomiomatose pulmonar inicial provável e linfangioleiomioma mediastínico. Revista Portuguesa De Pneumologia, 2014, 20, 101-106.	0.7	0
105	Solitary endobronchial papilloma: A case report. Revista Portuguesa De Pneumologia, 2015, 21, 49-50.	0.7	0
106	Cardiac chondromyxoma. Revista Portuguesa De Cardiologia, 2016, 35, 547-550.	0.5	0
107	Idiopathic pleuroparenchymal fibroelastosis with suggestive biopsy of pulmonary carcinoma " Case report. Revista Portuguesa De Pneumologia, 2017, 23, 111-113.	0.7	0
108	P237 Pleuroparenchymal fibroelastosis in a previously healthy woman. Chest, 2017, 151, A137.	0.8	0

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109	Difficult to treat asthma – The importance of thoracic imaging. Respiratory Medicine Case Reports, 2020, 30, 101127.	0.4	0
110	Thymoma and Tuberculoma: Unexpected Coexistence. European Journal of Case Reports in Internal Medicine, 2021, 8, 002744.	0.4	0
111	Abstract 3027: Stromal cells-derived paracrine factors promote dedifferentiation of human lung carcinoma cells into cancer stem cells. , 2014, , .		0
112	Abstract 3003: Targeting nucleolin: A potential strategy to overcome stroma-mediated bevacizumab resistance in lung cancer. , 2014, , .		0
113	Abstract 1915: Deconstructing cancer stem cells: IL-6, G-CSF and Activin-A as mediators of stroma-orchestrated epithelial cells™ dedifferentiation. , 2017, , .		0
114	Cystic adenomatoid pulmonary malformation in adults: A retrospective study. , 2017, , .		0
115	Lessons from an historical museum of anatomical pathology: thoraco-abdominopagus fetus. Polish Journal of Pathology, 2020, 71, 281-282.	0.3	0
116	IGG4 Disease And Slerosing Aortitis. Revista Portuguesa De Cirurgia Cardio-torÁçica E Vasular: 3rgÁo Oficial Da Sociedade Portuguesa De Cirurgia Cardio-TorÁçica E Vasular, 2017, 24, 162.	0.1	0
117	Takayasu's Aortitis Induced Ascending Aorta Dissection. Revista Portuguesa De Cirurgia Cardio-torÁçica E Vasular: 3rgÁo Oficial Da Sociedade Portuguesa De Cirurgia Cardio-TorÁçica E Vasular, 2017, 24, 165.	0.1	0