

# Jeanine M D'armiento

## List of Publications by Year in descending order

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61  
papers

3,419  
citations

186265  
28  
h-index

144013  
57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

5512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagenase expression in the lungs of transgenic mice causes pulmonary emphysema. <i>Cell</i> , 1992, 71, 955-961.	28.9	363
2	Human Collagenase (Matrix Metalloproteinase-1) Expression in the Lungs of Patients with Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 163, 786-791.	5.6	260
3	HMGA2 Is a Driver of Tumor Metastasis. <i>Cancer Research</i> , 2013, 73, 4289-4299.	0.9	248
4	Joint Diseases and Matrix Metalloproteinases: A Role for MMP-13. <i>Current Pharmaceutical Biotechnology</i> , 2008, 9, 47-54.	1.6	241
5	Matrix metalloproteinases, a disintegrin and metalloproteinases, and a disintegrin and metalloproteinases with thrombospondin motifs in non-neoplastic diseases. <i>Pathology International</i> , 2010, 60, 477-496.	1.3	227
6	Mitochondrial iron chelation ameliorates cigarette smoke-induced bronchitis and emphysema in mice. <i>Nature Medicine</i> , 2016, 22, 163-174.	30.7	206
7	MMP-13 Plays a Role in Keratinocyte Migration, Angiogenesis, and Contraction in Mouse Skin Wound Healing. <i>American Journal of Pathology</i> , 2009, 175, 533-546.	3.8	189
8	Extracellular Regulated Kinase/Mitogen Activated Protein Kinase Is Up-regulated in Pulmonary Emphysema and Mediates Matrix Metalloproteinase-1 Induction by Cigarette Smoke. <i>Journal of Biological Chemistry</i> , 2004, 279, 17690-17696.	3.4	152
9	Transgenic expression of matrix metalloproteinase-9 causes adult-onset emphysema in mice associated with the loss of alveolar elastin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L1149-L1157.	2.9	98
10	The Extracellular Matrix Regulates Granuloma Necrosis in Tuberculosis. <i>Journal of Infectious Diseases</i> , 2015, 212, 463-473.	4.0	90
11	Biased Generation and In Situ Activation of Lung Tissue Resident Memory CD4 T Cells in the Pathogenesis of Allergic Asthma. <i>Journal of Immunology</i> , 2018, 200, 1561-1569.	0.8	89
12	Lymphatic impairment leads to pulmonary tertiary lymphoid organ formation and alveolar damage. <i>Journal of Clinical Investigation</i> , 2019, 129, 2514-2526.	8.2	81
13	Progressive adult-onset emphysema in transgenic mice expressing human MMP-1 in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 284, L727-L737.	2.9	80
14	TLR4 Protein Contributes to Cigarette Smoke-induced Matrix Metalloproteinase-1 (MMP-1) Expression in Chronic Obstructive Pulmonary Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 30211-30218.	3.4	72
15	STRUCTURAL EMPHYSEMA DOES NOT CORRELATE WITH LUNG COMPLIANCE: LESSONS FROM THE MOUSE SMOKING MODEL. <i>Experimental Lung Research</i> , 2005, 31, 547-562.	1.2	71
16	Identification of a Cigarette Smoke Responsive Region in the Distal MMP-1 Promoter. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 4-12.	2.9	69
17	Loss of Secreted Frizzled-Related Protein-1 Leads to Deterioration of Cardiac Function in Mice and Plays a Role in Human Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2015, 8, 362-372.	3.9	57
18	Episodic Aspiration with Oral Commensals Induces a MyD88-dependent, Pulmonary T-Helper Cell Type 17 Response that Mitigates Susceptibility to <i>Streptococcus pneumoniae</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1099-1111.	5.6	55

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19	Transgenic overexpression of macrophage matrix metalloproteinase-9 exacerbates age-related cardiac hypertrophy, vessel rarefaction, inflammation, and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H375-H383.	3.2	51
20	The Divergent Roles of Secreted Frizzled Related Protein-1 (SFRP1) in Lung Morphogenesis and Emphysema. <i>American Journal of Pathology</i> , 2010, 177, 598-607.	3.8	49
21	EMPHYSEMATOUS CHANGES ARE CAUSED BY DEGRADATION OF TYPE III COLLAGEN IN TRANSGENIC MICE EXPRESSING MMP-1. <i>Experimental Lung Research</i> , 2003, 29, 1-15.	1.2	48
22	Activation of the TLR4 signaling pathway and abnormal cholesterol efflux lead to emphysema in ApoE-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L1200-L1208.	2.9	44
23	Anthocyanins from <i>Eugenia brasiliensis</i> edible fruits as potential therapeutics for COPD treatment. <i>Food Chemistry</i> , 2012, 134, 1256-1262.	8.2	43
24	Increased Matrix Metalloproteinase (MMPs) Levels Do Not Predict Disease Severity or Progression in Emphysema. <i>PLoS ONE</i> , 2013, 8, e56352.	2.5	43
25	Achieving women's equity in academic medicine: challenging the standards. <i>Lancet, The</i> , 2019, 393, e15-e16.	13.7	42
26	Eosinophil and T cell markers predict functional decline in COPD patients. <i>Respiratory Research</i> , 2009, 10, 113.	3.6	39
27	A critical role for ABC transporters in persistent lung inflammation in the development of emphysema after smoke exposure. <i>FASEB Journal</i> , 2018, 32, 6724-6736.	0.5	34
28	High Mobility Group AT-Hook 2 (HMGA2) Oncogenicity in Mesenchymal and Epithelial Neoplasia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3151.	4.1	33
29	Glutathione Peroxidase-1 Suppresses the Unfolded Protein Response upon Cigarette Smoke Exposure. <i>Mediators of Inflammation</i> , 2016, 2016, 1-16.	3.0	30
30	Monitoring and Staging Abdominal Aortic Aneurysm Disease With Pulse Wave Imaging. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2404-2414.	1.5	27
31	Immune Modulation of the T Cell Response in Asthma through Wnt10b. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 584-593.	2.9	25
32	Mesenchymal Tumorigenesis Driven by TSC2 Haploinsufficiency Requires HMGA2 and Is Independent of mTOR Pathway Activation. <i>Cancer Research</i> , 2016, 76, 844-854.	0.9	21
33	Jaboticabin and Related Polyphenols from Jaboticaba ( <i>Myrciaria cauliflora</i> ) with Anti-inflammatory Activity for Chronic Obstructive Pulmonary Disease. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1513-1520.	5.2	21
34	Differential Gene Expression of sFRP-1 and Apoptosis in Pulmonary Emphysema. <i>Chest</i> , 2002, 121, 7S.	0.8	20
35	Identification of the Benign Mesenchymal Tumor Gene HMGA2 in Lymphangiomyomatosis. <i>Cancer Research</i> , 2007, 67, 1902-1909.	0.9	18
36	Detection of alpha-1 antitrypsin deficiency: the past, present and future. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 96.	2.7	18

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37	Collagenase induction promotes mouse tumorigenesis by two independent pathways. <i>Molecular Carcinogenesis</i> , 2000, 29, 8-16.	2.7	14
38	Activation of the MMP-1 Promoter by Cigarette Smoke in Human Small Airway Epithelial Cells Requires ERK MAP Kinase Signaling: Differential Response of the 1G and 2G Promoter Sequences. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 477-477.	3.5	14
39	A clean fuel cookstove is associated with improved lung function: Effect modification by age and secondhand tobacco smoke exposure. <i>Scientific Reports</i> , 2019, 9, 2487.	3.3	14
40	Parenchymal Airspace Profiling: Sensitive Quantification and Characterization of Lung Structure Evaluating Parenchymal Destruction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 708-715.	2.9	13
41	Deaccelerated Myogenesis and Autophagy in Genetically Induced Pulmonary Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 623-637.	2.9	12
42	Maternal smoke exposure decreases mesenchymal proliferation and modulates Rhoâ€GTPaseâ€dependent actin cytoskeletal signaling in fetal lungs. <i>FASEB Journal</i> , 2017, 31, 2340-2351.	0.5	11
43	Integrated transcriptomic analysis of human tuberculosis granulomas and a biomimetic model identifies therapeutic targets. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
44	CDK14 expression is down-regulated by cigarette smoke in vivo and in vitro. <i>Toxicology Letters</i> , 2015, 234, 120-130.	0.8	10
45	Maintenance of the bronchial alveolar stem cells in an undifferentiated state by secreted frizzledâ€related protein 1. <i>FASEB Journal</i> , 2014, 28, 5242-5249.	0.5	9
46	Collagenolytic Matrix Metalloproteinases in Chronic Obstructive Lung Disease and Cancer. <i>Cancers</i> , 2015, 7, 329-341.	3.7	9
47	Lung lymphatic thrombosis and dysfunction caused by cigarette smoke exposure precedes emphysema in mice. <i>Scientific Reports</i> , 2022, 12, 5012.	3.3	7
48	Mmp1a and Mmp1b are not functional orthologs to human MMP1 in cigarette smoke induced lung disease. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 153-159.	2.1	6
49	Renal neoplasms in tuberous sclerosis mice are neurocristopathies. <i>IScience</i> , 2021, 24, 102684.	4.1	6
50	Single-Photon Emission Computed Tomography/Computed Tomography Imaging in a Rabbit Model of Emphysema Reveals Ongoing Apoptosis In Vivo. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 848-857.	2.9	5
51	Hmga2 regulation of tooth formation and association with Sox2 and Nanog expression. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 1008-1014.	2.1	5
52	Attenuation of pulmonary injury by an inhaled MMP inhibitor in the endotoxin lung injury model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L1036-L1047.	2.9	5
53	Single-photon emission computed tomography/computed tomography imaging of RAGE in smoking-induced lung injury. <i>Respiratory Research</i> , 2019, 20, 116.	3.6	3
54	The Role of Secreted Frizzled-related Protein-1 in Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 293-301.	2.9	3

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55	Hyperpolarized <sup>3</sup> He diffusion MRI and histology of secreted frizzled related protein-1 (SFRP1) deficient lungs in a Murine model. <i>Magnetic Resonance Imaging</i> , 2014, 32, 535-540.	1.8	2
56	WHotLAMP: A simple, inexpensive, and sensitive molecular test for the detection of SARS-CoV-2 in saliva. <i>PLoS ONE</i> , 2021, 16, e0257464.	2.5	2
57	Multimodality molecular imaging of the alveolar-capillary barrier in lung disease using albumin based optical and PET tracers. <i>Molecular Biomedicine</i> , 2020, 1, 17.	4.4	2
58	Knockdown of Alpha-1 Antitrypsin with antisense oligonucleotide does not exacerbate smoke induced lung injury. <i>PLoS ONE</i> , 2021, 16, e0246040.	2.5	1
59	High mobility group AT-hook 2 regulates osteoblast differentiation and facial bone development. <i>Biochemical and Biophysical Research Communications</i> , 2022, 590, 68-74.	2.1	1
60	Can lightning strike twice? Wild-type transthyretin cardiac amyloidosis associated with rare liver disease. <i>Oxford Medical Case Reports</i> , 2021, 2021, omab113.	0.4	0
61	Telemedicine for Patients with Chronic Pulmonary Diseases in the COVID-19 Era and Beyond. <i>Annals of the American Thoracic Society</i> , 2022, , .	3.2	0