Giuseppe Lungarella

List of Publications by Year
in descending order

124 papers	4,522 citations	101543 36 h-index	110387 64 g-index
129 all docs	129 docs citations	129 times ranked	5315 citing authors

#	Article	IF	Citations
1	Cellular Senescence as Fibrogenic Mechanism in Smoking Lung. FASEB Journal, 2022, 36, .	0.5	0
2	Sarcopenia in Chronic Kidney Disease: Focus on Advanced Glycation End Products as Mediators and Markers of Oxidative Stress. Biomedicines, 2021, 9, 405.	3.2	23
3	Functional contribution of sphingosineâ€1â€phosphate to airway pathology in cigarette smokeâ€exposed mice. British Journal of Pharmacology, 2020, 177, 267-281.	5.4	15
4	Comments on â€œAir Space Distension Precedes Spontaneous Fibrotic Remodeling and Impaired Cholesterol Metabolism in the Absence of Surfactant Protein Câ€. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 398-399.	2.9	1
5	In Vivo Electroporation-Mediated, Intrahepatic Alpha1 Antitrypsin Gene Transfer Reduces Pulmonary Emphysema in Pallid Mice. Pharmaceutics, 2020, 12, 793.	4.5	1
6	SARS-CoV-2 COVID-19 susceptibility and lung inflammatory storm by smoking and vaping. Journal of Inflammation, 2020, 17, 21.	3.4	73
7	Alveolar Macrophage Phenotype and Compartmentalization Drive Different Pulmonary Changes in Mouse Strains Exposed to Cigarette Smoke. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2020, 17, 429-443.	1.6	7
8	Innate Immunity and Cell Surface Receptors in the Pathogenesis of COPD: Insights from Mouse Smoking Models . International Journal of COPD, 2020, Volume 15, 1143-1154.	2.3	12
9	Ongoing Lung Inflammation and Disease Progression in Mice after Smoking Cessation. American Journal of Pathology, 2018, 188, 2195-2206.	3.8	22
10	Vulnerability and Genetic Susceptibility to Cigarette Smokeâ€“Induced Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 270-271.	2.9	16
11	Proteinase activated receptorâ€2 counterbalances the vascular effects of endothelinâ€1 in fibrotic tightâ€skin mice. British Journal of Pharmacology, 2017, 174, 4032-4042.	5.4	4
12	P2Y6 Receptor Activation Promotes Inflammation and Tissue Remodeling in Pulmonary Fibrosis. Frontiers in Immunology, 2017, 8, 1028.	4.8	27
13	Middermal Elastolysis: Dermal Fibroblasts Cooperate with Inflammatory Cells to the Elastolytic Disorder. Mediators of Inflammation, 2017, 2017, 1-8.	3.0	3
14	The purinergic receptor subtype P2Y2 mediates chemotaxis of neutrophils and fibroblasts in fibrotic lung disease. Oncotarget, 2017, 8, 35962-35972.	1.8	28
15	Chairsâ€™ Comments. Annals of the American Thoracic Society, 2016, 13, S279-S279.	3.2	0
16	Severe Reduction in Number and Function of Peripheral T Cells Does Not Afford Protection toward Emphysema and Bronchial Remodeling Induced in Mice by Cigarette Smoke. American Journal of Pathology, 2016, 186, 1814-1824.	3.8	19
17	Ajulemic acid exerts potent anti-fibrotic effect during the fibrogenic phase of bleomycin lung. Respiratory Research, 2016, 17, 49.	3.6	37
18	Synchrotron X-ray microscopy reveals early calcium and iron interaction with crocidolite fibers in the lung of exposed mice. Toxicology Letters, 2016, 241, 111-120.	0.8	15

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19	Histopathological data of iron and calcium in the mouse lung after asbestos exposure. Data in Brief, 2016, 6, 769-775.	1.0	4
20	NTPDase1/CD39 and aberrant purinergic signalling in the pathogenesis of COPD. European Respiratory Journal, 2016, 47, 254-263.	6.7	25
21	T lymphocytes in cigarette-smoke induced-emphysema and bronchial remodelling. , 2016, , .		0
22	Smoking p66Shc Knocked Out Mice Develop Respiratory Bronchiolitis with Fibrosis but Not Emphysema. PLoS ONE, 2015, 10, e0119797.	2.5	19
23	Genetic Deletion and Pharmacological Inhibition of PI3KÎ³Reduces Neutrophilic Airway Inflammation and Lung Damage in Mice with Cystic Fibrosis-Like Lung Disease. Mediators of Inflammation, 2015, 2015, 1-10.	3.0	13
24	Antiâ€Fibrotic Effect of Ajulemic Acid in Bleomycinâ€Induced Lung Fibrosis. FASEB Journal, 2015, 29, LB744.	0.5	0
25	Receptor for Advanced Glycation End Products Contributes to Postnatal Pulmonary Development and Adult Lung Maintenance Program in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 164-171.	2.9	32
26	Crossâ€talk between tollâ€like receptor 4 (<scp>TLR</scp>4) and proteinaseâ€activated receptor 2 (<scp>PAR</scp>₂) is involved in vascular function. British Journal of Pharmacology, 2013, 168, 411-420.	5.4	20
27	Skeletal Muscle Oxidative Metabolism in an Animal Model of Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 198-203.	2.9	7
28	Genetic Ablation of the Fpr1 Gene Confers Protection from Smoking-Induced Lung Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 332-339.	2.9	58
29	FPR1 Blockade And Smoking-Induced Lung Emphysema In Mice. , 2012, , .		0
30	Pulmonary hypertension in smoking mice over-expressing protease-activated receptor-2. European Respiratory Journal, 2011, 37, 823-834.	6.7	15
31	P2X₇ Receptor Signaling in the Pathogenesis of Smoke-Induced Lung Inflammation and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 423-429.	2.9	130
32	Dual Role for Proteases in Lung Inflammation. , 2011, , 123-144.		3
33	A Role For ATP-signalling In The Pathogenesis Of COPD And Emphysema. , 2010, , .		0
34	Genetic Ablation Of The Fpr1 Gene Prevents Emphysema In Mice Chronically Exposed To Cigarette Smoke. , 2010, , .		0
35	Extracellular Adenosine Triphosphate and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 928-934.	5.6	174
36	Purinergic Receptor Inhibition Prevents the Development of Smoke-Induced Lung Injury and Emphysema. Journal of Immunology, 2010, 185, 688-697.	0.8	119

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37	The preclinical pharmacology of roflumilast â€“ A selective, oral phosphodiesterase 4 inhibitor in development for chronic obstructive pulmonary disease. Pulmonary Pharmacology and Therapeutics, 2010, 23, 235-256.	2.6	270
38	Chronic Exposure to Cigarette Smoke Induces Pulmonary Hypertension and Vascular Remodelling in Mice Over-Expressing Protease-Activated Receptor-2 (PAR-2).. , 2009, , .		0
39	Effects of Bone Marrow-Derived Stem Cell Administration in a Mouse Model of Lung Emphysema Induced by Cigarette Smoke.. , 2009, , .		0
40	Systemic Inhibition of NF-ÎºB Activation Protects from Silicosis. PLoS ONE, 2009, 4, e5689.	2.5	54
41	Differential thiol status in blood of different mouse strains exposed to cigarette smoke. Free Radical Research, 2009, 43, 538-545.	3.3	10
42	Absence of Proteinase-Activated Receptor-1 Signaling in Mice Confers Protection from fMLP-Induced Goblet Cell Metaplasia. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 680-687.	2.9	24
43	Early response of gene clusters is associated with mouse lung resistance or sensitivity to cigarette smoke. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L418-L429.	2.9	21
44	sRAGE/mRAGE Imbalance Characterizes the Cigarette Smoke-Induced Lung Changes in Oxidant-Sensitive DBA/2 Mice.. , 2009, , .		0
45	Effect of roflumilast on inflammatory cells in the lungs of cigarette smoke-exposed mice. BMC Pulmonary Medicine, 2008, 8, 17.	2.0	38
46	The dual role of neutrophil elastase in lung destruction and repair. International Journal of Biochemistry and Cell Biology, 2008, 40, 1287-1296.	2.8	62
47	A new mouse model of Peyronie's disease: An increased expression of hypoxia-inducible factor-1 target genes during the development of penile changes. International Journal of Biochemistry and Cell Biology, 2008, 40, 2638-2648.	2.8	30
48	Superoxide dismutase protects against apoptosis and alveolar enlargement induced by ceramide. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L44-L53.	2.9	86
49	Neutrophils Activate Macrophages for Intracellular Killing of Leishmania major through Recruitment of TLR4 by Neutrophil Elastase. Journal of Immunology, 2007, 179, 3988-3994.	0.8	128
50	Substance P released by TRPV1-expressing neurons produces reactive oxygen species that mediate ethanol-induced gastric injury. Free Radical Biology and Medicine, 2007, 43, 581-589.	2.9	77
51	Models for COPD involving cigarette smoke. Drug Discovery Today: Disease Models, 2006, 3, 225-230.	1.2	16
52	Metabolism of oxidants by blood from different mouse strains. Biochemical Pharmacology, 2006, 71, 1753-1764.	4.4	20
53	Neurokinin-1 Receptor Blockade and Murine Lung Tumorigenesis. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 674-683.	5.6	11
54	Two mouse models for studying smokeâ€related interstitial lung diseases. FASEB Journal, 2006, 20, A1071.	0.5	1

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55	Proteins as biomarkers of oxidative/nitrosative stress in diseases: The contribution of redox proteomics. Mass Spectrometry Reviews, 2005, 24, 55-99.	5.4	392
56	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2349-2354.	2.4	36
57	Roflumilast Fully Prevents Emphysema in Mice Chronically Exposed to Cigarette Smoke. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 848-853.	5.6	191
58	Different lung responses to cigarette smoke in two strains of mice sensitive to oxidants. European Respiratory Journal, 2005, 25, 15-22.	6.7	153
59	Is neutrophil elastase the missing link between emphysema and fibrosis? Evidence from two mouse models. Respiratory Research, 2005, 6, 83.	3.6	54
60	Early response to bleomycin is characterized by different cytokine and cytokine receptor profiles in lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1186-L1192.	2.9	45
61	Iron overload enhances the development of experimental liver cirrhosis in mice. International Journal of Biochemistry and Cell Biology, 2003, 35, 486-495.	2.8	43
62	Collagen phagocytosis by lung alveolar macrophages in animal models of emphysema. European Respiratory Journal, 2003, 22, 728-734.	6.7	34
63	UVA Light Stimulates the Production of Cathepsin G and Elastase-Like Enzymes by Dermal Fibroblasts: A Possible Contribution to the Remodeling of Elastotic Areas in Sun-Damaged Skin. Biological Chemistry, 2002, 383, 199-206.	2.5	37
64	Urinary desmosine excretion is inversely correlated with the extent of emphysema in patients with chronic obstructive pulmonary disease. International Journal of Biochemistry and Cell Biology, 2002, 34, 594-604.	2.8	49
65	Human SLPI inactivation after cigarette smoke exposure in a new in vivo model of pulmonary oxidative stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L412-L417.	2.9	50
66	Genetic deficiency of Î±1-PI in mice influences lung responses to bleomycin. European Respiratory Journal, 2001, 17, 474-480.	6.7	11
67	Effects of Cigarette Smoke in Mice with Different Levels of Î±₁-Proteinase Inhibitor and Sensitivity to Oxidants. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 886-890.	5.6	145
68	Tumor Necrosis Factor Receptor Deficiency Alters Matrix Metalloproteinase 13/Tissue Inhibitor of Metalloproteinase 1 Expression in Murine Silicosis. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 244-252.	5.6	53
69	GFAP Is Expressed as a Major Soluble Pool Associated with Glucagon Secretory Granules in A-cells of Mouse Pancreas. Journal of Histochemistry and Cytochemistry, 2000, 48, 1233-1242.	2.5	13
70	Exacerbation of bleomycin-induced lung injury in mice by amifostine. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L1239-L1244.	2.9	4
71	Neutrophil Influx into the Lungs of Beige Mice Is Followed by Elastolytic Damage and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 264-269.	2.9	17
72	Upregulation of the p75 But Not the p55 TNF-Î± Receptor mRNA after Silica and Bleomycin Exposure and Protection from Lung Injury in Double Receptor Knockout Mice. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 825-833.	2.9	118

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73	Ultrastructure of lung elastin and collagen in mouse models of spontaneous emphysema. Matrix Biology, 1999, 18, 357-360.	3.6	31
74	Models of Genetic Emphysema: The C57B1/6J Mice and their Mutants: Tight-Skin, Pallid and Beige. , 1999, , 19-36.		2
75	Expression of TNF and the Necessity of TNF Receptors in Bleomycin-Induced Lung Injury in Mice. Experimental Lung Research, 1998, 24, 721-743.	1.2	166
76	Lung Injury and Degradation of Extracellular Matrix Components by Aspergillus Fumigatus Serine Proteinase. Experimental Lung Research, 1998, 24, 233-251.	1.2	38
77	Connective tissue growth factor mRNA expression is upregulated in bleomycin-induced lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L365-L371.	2.9	146
78	Genetic deficiency in alpha 1 proteinase inhibitor (alpha 1 PI) associated with emphysema. Laboratory Animal Science, 1998, 48, 460-2.	0.3	2
79	Neutrophils in Beige Mice Secrete Normal Amounts of Cathepsin G and a 46 kDa Latent Form of Elastase that Can Be Activated Extracellularly by Proteolytic Activity. Biological Chemistry, 1997, 378, 417-23.	2.5	15
80	A Method to Study Kinetics of Transnitrosation with Nitrosoglutathione: Reactions with Hemoglobin and Other Thiols. Analytical Biochemistry, 1997, 254, 215-220.	2.4	59
81	A human SP-C promoter fragment targets Î±1-proteinase inhibitor gene expression to lung alveolar type II cells in transgenic mice. Transgenic Research, 1996, 5, 139-143.	2.4	5
82	Neutrophil recruitment into the lungs is associated with increased lung elastase burden, decreased lung elastin, and emphysema in alpha 1 proteinase inhibitor-deficient mice. Laboratory Investigation, 1996, 75, 273-80.	3.7	21
83	Purification and N-Terminal Amino-Acid Sequence Analysis of Rabbit Neutrophil Cathepsin G. Biological Chemistry Hoppe-Seyler, 1995, 376, 371-378.	1.4	1
84	Collagen breakdown products and lung collagen metabolism: an in vitro study on fibroblast cultures.. Thorax, 1994, 49, 312-318.	5.6	22
85	Elastin Production and Degradation in Cutis Laxa Acquisita. Journal of Investigative Dermatology, 1994, 103, 583-588.	0.7	51
86	Cardiac Collagen Changes during the Development of Right Ventricular Hypertrophy in Tight-Skin Mice with Emphysema. Experimental and Molecular Pathology, 1994, 60, 100-107.	2.1	10
87	Neutrophil lysosomal dysfunctions in mutant C57 Bl/6J mice: interstrain variations in content of lysosomal elastase, cathepsin G and their inhibitors. Biochemical Journal, 1994, 299, 237-245.	3.7	44
88	Effect of S-carboxymethylcysteine lysine salt on mucociliary clearance in rabbits with secretory cell metaplasia. Research Communications in Molecular Pathology and Pharmacology, 1994, 86, 59-74.	0.2	4
89	The pallid mouse. A model of genetic alpha 1-antitrypsin deficiency. Laboratory Investigation, 1993, 68, 233-41.	3.7	26
90	Identification of elastase in human eosinophils: Immunolocalization, isolation, and partial characterization. Archives of Biochemistry and Biophysics, 1992, 292, 128-135.	3.0	38

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91	Lung collagen synthesis and deposition in tight-skin mice with genetic emphysema. Experimental and Molecular Pathology, 1992, 56, 163-172.	2.1	23
92	An elastolytic proteinase from rabbit leukocytes: Purification and partial characterization. Archives of Biochemistry and Biophysics, 1991, 290, 229-232.	3.0	3
93	Different Evolution of Emphysema in Two Strains of Mice with Similar Serum Antielastase Deficit. Annals of the New York Academy of Sciences, 1991, 624, 329-330.	3.8	2
94	Development of Cor Pulmonale in Tight-Skin Mice with Genetic Emphysema. Annals of the New York Academy of Sciences, 1991, 624, 345-347.	3.8	2
95	Ultrastructural ciliary defects in children with recurrent infections of the lower respiratory tract. Pediatric Pulmonology, 1991, 10, 11-17.	2.0	29
96	Serum antielastase deficiency in tight-skin mice with genetic emphysema. Experimental and Molecular Pathology, 1990, 52, 46-53.	2.1	11
97	Hydrocephalus, bronchiectasis, and ciliary aplasia.. Archives of Disease in Childhood, 1990, 65, 543-544.	1.9	74
98	TskMice with Genetic Emphysema: Right Ventricular Hypertrophy Occurs without Hypertrophy of Muscular Pulmonary Arteries or Muscularization of Arterioles. The American Review of Respiratory Disease, 1990, 142, 333-337.	2.9	19
99	In vivo stimulation of lung collagen synthesis by collagen derived peptides. Research Communications in Chemical Pathology and Pharmacology, 1990, 68, 89-101.	0.2	5
100	Development of interstitial lung fibrosis by long-term treatment with collagen breakdown products in rabbits. Research Communications in Chemical Pathology and Pharmacology, 1990, 68, 235-50.	0.2	3
101	A 16-Month Study of the Development of Genetic Emphysema in Tight-Skin Mice. The American Review of Respiratory Disease, 1989, 139, 226-232.	2.9	59
102	Immunoelectron-microscopic demonstration of elastase in emphysematous lungs of tight-skin mice. Experimental and Molecular Pathology, 1989, 51, 18-30.	2.1	15
103	A biochemical and morphological investigation of the early development of genetic emphysema in tight-skin mice. Experimental and Molecular Pathology, 1989, 50, 398-410.	2.1	37
104	The saccharin method for testing mucociliary function in patients suspected of having primary ciliary dyskinesia. Pediatric Pulmonology, 1988, 5, 210-214.	2.0	55
105	Cilia-lacking respiratory cells in ciliary aplasia. Biology of the Cell, 1988, 64, 67-70.	2.0	13
106	Purification and partial characterization of elastase activity from rat alveolar and peritoneal macrophages. Archives of Biochemistry and Biophysics, 1987, 259, 98-104.	3.0	7
107	Bromotrichloromethane-induced damage to bronchiolar Clara cells. Research Communications in Chemical Pathology and Pharmacology, 1987, 57, 213-28.	0.2	1
108	Isolation and partial characterization of rat elastolytic enzymes from various cells and tissues. Archives of Biochemistry and Biophysics, 1986, 250, 63-69.	3.0	4

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109	Effect of the Novel Synthetic Protease Inhibitor Furoyl Saccharin on Elastase-Induced Emphysema in Rabbits and Hamsters. Experimental Lung Research, 1986, 11, 35-47.	1.2	10
110	Pulmonary vascular injury in pancreatitis: Evidence for a major role played by pancreatic elastase. Experimental and Molecular Pathology, 1985, 42, 44-59.	2.1	53
111	Ultrastructural observations on basal apparatus of respiratory cilia in immotile cilia syndrome. European Journal of Respiratory Diseases, 1985, 66, 165-72.	0.4	11
112	Ultrastructural Study of the Ciliated Cells from Renal Tubular Epithelium in Acute Progressive Glomerulonephritis. Ultrastructural Pathology, 1984, 6, 1-7.	0.9	17
113	Detection of elastase activity with a zymogram method after isoelectric focusing in polyacrylamide gel. Analytical Biochemistry, 1984, 140, 472-477.	2.4	12
114	Pulmonary changes induced in rabbits by long-term exposure to n-hexane. Archives of Toxicology, 1984, 55, 224-228.	4.2	16
115	Abnormalities of bronchial cilia in patients with chronic bronchitis. Lung, 1983, 161, 147-156.	3.3	41
116	Ultrastructural Abnormalities in Respiratory Cilia and Sperm Tails in a Patient with Kartagener's Syndrome. Ultrastructural Pathology, 1982, 3, 319-323.	0.9	22
117	Response of lung enzyme activities in rabbits following short-term exposure ton-hexane: Correlation between morphological and biochemical changes. Agents and Actions, 1982, 12, 737-742.	0.7	6
118	Ultrastructural observations on morphogenesis of atypical cilia. Anatomischer Anzeiger, 1982, 151, 151-9.	0.1	6
119	Lack of kinocilia in the nasal mucosa in the immotile-cilia syndrome. European Journal of Respiratory Diseases, 1982, 63, 558-63.	0.4	15
120	ULTRASTRUCTURAL EVIDENCE OF MUCOCILIARY FUNCTION IMPAIRMENT INDUCED BY ELASTASE. , 1981, 16 Suppl, 167-173.		2
121	Correlation between biochemical and morphological repair in rabbit lungs after elastase injury. Lung, 1980, 158, 165-171.	3.3	20
122	Atypical cilia in rabbit bronchial epithelial cells induced by elastase: An ultrastructural study. Journal of Pathology, 1980, 131, 379-383.	4.5	12
123	Respiratory tract lesions induced in rabbits by short-term exposure to N-hexane. Research Communications in Chemical Pathology and Pharmacology, 1980, 29, 129-39.	0.2	3
124	Elastolytic activity in rabbit leukocyte extracts. Effects of the whole leukocyte homogenate on the rabbit lung. Experimental and Molecular Pathology, 1979, 31, 486-491.	2.1	12