Antonino Di Stefano

List of Publications by Year
in descending order

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124 papers	8,547 citations	61687 45 h-index	49824 91 g-index
126 all docs	126 docs citations	126 times ranked	7973 citing authors

#	Article	IF	Citations
1	Pathology of Asthma. , 2022, , 296-307.		0
2	Transcription Factors. , 2022, , 733-749.		0
3	Role of oxidative stress in the pathogenesis of COPD. Minerva Medica, 2022, 113, .	0.3	30
4	Pathogenesis of COPD at the cellular and molecular level. Minerva Medica, 2022, 113, .	0.3	8
5	Predictors of Low and High Exhaled Nitric Oxide Values in Asthma: A Real-World Study. Respiration, 2022, 101, 746-756.	1.2	5
6	Correlation of matrixâ€related airway remodeling and bradykinin B1 receptor expression with fixed airflow obstruction in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1886-1890.	2.7	6
7	Conjunctival transcriptome analysis reveals the overexpression of multiple pattern recognition receptors in vernal keratoconjunctivitis. Ocular Surface, 2021, 19, 241-248.	2.2	20
8	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. Current Medicinal Chemistry, 2021, 28, 2577-2653.	1.2	11
9	Bacterial and viral infections and related inflammatory responses in chronic obstructive pulmonary disease. Annals of Medicine, 2021, 53, 135-150.	1.5	30
10	A microRNA-21â€“mediated SATB1/S100A9/NF-Îºß axis promotes chronic obstructive pulmonary disease pathogenesis. Science Translational Medicine, 2021, 13, eaav7223.	5.8	54
11	Muscarinic receptor M3 contributes to vascular and neural growth factor upâ€regulation in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 717-720.	2.7	5
12	Impact of Galectin-3 Circulating Levels on Frailty in Elderly Patients with Systolic Heart Failure. Journal of Clinical Medicine, 2020, 9, 2229.	1.0	17
13	Clinical Characterization of the Frequent Exacerbator Phenotype in Asthma. Journal of Clinical Medicine, 2020, 9, 2226.	1.0	8
14	Extracorporeal Shock Waves Increase Markers of Cellular Proliferation in Bronchial Epithelium and in Primary Bronchial Fibroblasts of COPD Patients. Canadian Respiratory Journal, 2020, 2020, 1-14.	0.8	0
15	Evaluation of Innate Immune Mediators Related to Respiratory Viruses in the Lung of Stable COPD Patients. Journal of Clinical Medicine, 2020, 9, 1807.	1.0	5
16	Role of the mucins in pathogenesis of COPD: implications for therapy. Expert Review of Respiratory Medicine, 2020, 14, 465-483.	1.0	15
17	The regulatory activity of autophagy in conjunctival fibroblasts and its possible role in vernal keratoconjunctivitis. Journal of Allergy and Clinical Immunology, 2020, 146, 1210-1213.e9.	1.5	25
18	Oxidative and Nitrosative Stress in the Pathogenesis of Obstructive Lung Diseases of Increasing Severity. Current Medicinal Chemistry, 2020, 27, 7149-7158.	1.2	10

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19	Bacterial load and inflammatory response in sputum of alpha-1 antitrypsin deficiency patients with COPD . International Journal of COPD, 2019, Volume 14, 1879-1893.	0.9	11
20	Elevated serum IgE, oral corticosteroid dependence and IL-17/22 expression in highly neutrophilic asthma. European Respiratory Journal, 2019, 54, 1900068.	3.1	62
21	Indexes of Angiogenic Activation in Myocardial Samples of Patients with Advanced Chronic Heart Failure. Medicina (Lithuania), 2019, 55, 766.	0.8	0
22	The Influence of Age Assignments on the Performance of Immune Algorithms. Advances in Intelligent Systems and Computing, 2019, , 16-28.	0.5	3
23	Immunology and defence mechanisms. , 2019, , 20-27.		0
24	Extracorporeal shock waves increase markers of cellular proliferation in primary bronchial fibroblasts of COPD patients. , 2019, , .		0
25	TGF-Î² Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. Chest, 2018, 153, 851-862.	0.4	43
26	Nerve ablation after bronchial thermoplasty and sustained improvement in severe asthma. BMC Pulmonary Medicine, 2018, 18, 29.	0.8	47
27	Autoimmunity and COPD. Chest, 2018, 153, 1424-1431.	0.4	52
28	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease patients with prevalent emphysema. International Journal of COPD, 2018, Volume 13, 1691-1700.	0.9	43
29	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease with prevalent emphysema. , 2018, , .		0
30	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. European Respiratory Journal, 2017, 49, 1602006.	3.1	63
31	Identification of IL-17F/frequent exacerbator endotype in asthma. Journal of Allergy and Clinical Immunology, 2017, 140, 395-406.	1.5	118
32	HSP60 activity on human bronchial epithelial cells. International Journal of Immunopathology and Pharmacology, 2017, 30, 333-340.	1.0	29
33	A new antioxidant formulation reduces the apoptotic and damaging effect of cigarette smoke extract on human bronchial epithelial cells. European Review for Medical and Pharmacological Sciences, 2017, 21, 5478-5484.	0.5	17
34	Late Breaking Abstract - Bacterial Load and Inflammation in Sputum from patients with Alpha-1-Antitrypsin Deficiency as compared with COPD Patients. , 2017, , .		0
35	Bacterial–viral load and the immune response in stable and exacerbated COPD: significance and therapeutic prospects. International Journal of COPD, 2016, 11, 445.	0.9	29
36	How long should offspring lifespan be in order to obtain a proper exploration?. , 2016, , .		9

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37	Prognostic value of angiopoietin-2 in patients with chronic heart failure. International Journal of Cardiology, 2016, 212, 364-368.	0.8	28
38	COPD immunopathology. Seminars in Immunopathology, 2016, 38, 497-515.	2.8	148
39	Chaperone patterns in vernal keratoconjunctivitis are distinctive of cell and Hsp type and are modified by inflammatory stimuli. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 403-411.	2.7	8
40	Bradykinin B2 receptor expression in the bronchial mucosa of allergic asthmatics: the role of <scp>NF</scp>â€<scp>kB</scp>. Clinical and Experimental Allergy, 2016, 46, 428-438.	1.4	13
41	Expression of nasal and bronchial IL-17F and related cytokines in frequent exacerbators with neutrophilic severe asthma. , 2016, , .		0
42	TLR4 and NOD1 increase in stable COPD of increasing severity. Relationship with tissutal bacterial load. , 2016, , .		0
43	Occupational asthma contribution in phenotyping adult asthma by using age-of-asthma onset clustering. Expert Review of Respiratory Medicine, 2015, 9, 387-388.	1.0	1
44	Molecular pathogenesis of cigarette smokingâ€"induced stable COPD. Annals of the New York Academy of Sciences, 2015, 1340, 55-64.	1.8	40
45	Nasal IL-17F is related to bronchial IL-17F/neutrophilia and exacerbations in stable atopic severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 236-240.	2.7	52
46	Hsp27 and Hsp70 in chronic obstructive pulmonary disease: certainties vs doubts. Cell Stress and Chaperones, 2015, 20, 721-723.	1.2	4
47	Phospho-p38 MAPK Expression in COPD Patients and Asthmatics and in Challenged Bronchial Epithelium. Respiration, 2015, 89, 329-342.	1.2	20
48	Pro-and anti-fibrotic molecule balance in the bronchial mucosa of stable COPD patients. , 2015, , .		0
49	The effect of bronchial thermoplasty on nerve C-fibers and inflammatory cells in patients with severe asthma. , 2015, , .		0
50	Fibrosis markers and CRIM1 increase in chronic heart failure of increasing severity. Biomarkers, 2014, 19, 214-221.	0.9	5
51	Hsp10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin. Open Biology, 2014, 4, 140125.	1.5	14
52	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. Thorax, 2014, 69, 516-524.	2.7	99
53	Cytokine inhibition in the treatment of COPD. International Journal of COPD, 2014, 9, 397.	0.9	88
54	Aerobic training and angiogenesis activation in patients with stable chronic heart failure: a preliminary report. Biomarkers, 2013, 18, 418-424.	0.9	37

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55	Expression of vascular remodelling markers in relation to bradykinin receptors in asthma and COPD. Thorax, 2013, 68, 803-811.	2.7	29
56	Bradykinin-induced asthmatic fibroblast/myofibroblast activities via bradykinin B2 receptor and different MAPK pathways. European Journal of Pharmacology, 2013, 710, 100-109.	1.7	26
57	Isolation and Characterization of CD276+/HLA-E+ Human Subendocardial Mesenchymal Stem Cells from Chronic Heart Failure Patients: Analysis of Differentiative Potential and Immunomodulatory Markers Expression. Stem Cells and Development, 2013, 22, 1-17.	1.1	23
58	Chemokines and Chemokine Receptors Blockers as New Drugs for the Treatment of Chronic Obstructive Pulmonary Disease. Current Medicinal Chemistry, 2013, 20, 4317-4349.	1.2	19
59	Immunology and defence mechanisms. , 2013, , 19-28.		0
60	Recent Patents on Oxidative Stress-Related Biomarkers in Chronic Heart Failure: The Central Role of Endothelium and Myeloperoxidase. Recent Patents on Biomarkers, 2013, 3, 176-182.	0.3	0
61	High-Resolution Computed Tomography Quantitation of Emphysema Is Correlated with Selected Lung Function Values in Stable COPD. Respiration, 2012, 83, 383-390.	1.2	22
62	Exhaled Nitric Oxide is Related to Bronchial Eosinophilia and Airway Hyperresponsiveness to Bradykinin in Allergen-Induced Asthma Exacerbation. International Journal of Immunopathology and Pharmacology, 2012, 25, 175-182.	1.0	17
63	Convergent Sets of Data from In Vivo and In Vitro Methods Point to an Active Role of Hsp60 in Chronic Obstructive Pulmonary Disease Pathogenesis. PLoS ONE, 2011, 6, e28200.	1.1	55
64	Histamine H4 receptors in normal conjunctiva and in vernal keratoconjunctivitis. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 1360-1366.	2.7	33
65	Transforming growth factor-Î²/Smad - signalling pathway and conjunctival remodelling in vernal keratoconjunctivitis. Clinical and Experimental Allergy, 2011, 41, 52-60.	1.4	29
66	Whartonâ€™s Jelly Mesenchymal Stem Cells as Candidates for Beta Cells Regeneration: Extending the Differentiative and Immunomodulatory Benefits of Adult Mesenchymal Stem Cells for the Treatment of Type 1 Diabetes. Stem Cell Reviews and Reports, 2011, 7, 342-363.	5.6	135
67	Stepwise increase of angiopoietin-2 serum levels is related to haemodynamic and functional impairment in stable chronic heart failure. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 607-614.	3.1	33
68	Perinatal and Wharton's Jelly-Derived Mesenchymal Stem Cells in Cartilage Regenerative Medicine and Tissue Engineering Strategies. The Open Tissue Engineering and Regenerative Medicine Journal, 2011, 4, 72-81.	2.6	25
69	Hsp60 and Hsp10 in Ageing. Heat Shock Proteins, 2010, , 401-426.	0.2	1
70	Role of oxidative and nitrosative stress biomarkers in chronic heart failure. Frontiers in Bioscience - Landmark, 2009, Volume, 2230.	3.0	58
71	Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. Thorax, 2009, 64, 968-975.	2.7	79
72	Isolation and characterization of Oct-4+/HLA-G+ mesenchymal stem cells from human umbilical cord matrix: differentiation potential and detection of new markers. Histochemistry and Cell Biology, 2009, 131, 267-282.	0.8	260

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73	Oxidative stress induces myeloperoxidase expression in endocardial endothelial cells from patients with chronic heart failure. Basic Research in Cardiology, 2009, 104, 307-320.	2.5	59
74	T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. Clinical and Experimental Immunology, 2009, 157, 316-324.	1.1	283
75	Increased nitrotyrosine plasma levels in relation to systemic markers of inflammation and myeloperoxidase in chronic heart failure. International Journal of Cardiology, 2009, 135, 386-390.	0.8	37
76	Role of endothelial cell stress in the pathogenesis of chronic heart failure. Frontiers in Bioscience - Landmark, 2009, Volume, 2238.	3.0	17
77	Hsp60 and Hsp10 as antitumour molecular agents. Cancer Biology and Therapy, 2007, 6, 487-489.	1.5	36
78	Matrix metalloproteases in vernal keratoconjunctivitis, nasal polyps and allergic asthma. Clinical and Experimental Allergy, 2007, 37, 872-879.	1.4	18
79	High serum levels of tumour necrosis factor-? and interleukin-8 in severe asthma: markers of systemic inflammation?. Clinical and Experimental Allergy, 2006, 36, 1373-1381.	1.4	127
80	Reactive nitrogen species in the respiratory tract. European Journal of Pharmacology, 2006, 533, 240-252.	1.7	198
81	Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. Cancer, 2006, 107, 2417-2424.	2.0	87
82	Molecular Mechanisms of Respiratory Virus-Induced Asthma and COPD Exacerbations and Pneumonia. Current Medicinal Chemistry, 2006, 13, 2267-2290.	1.2	25
83	CCR5 expression and CC chemokine levels in idiopathic pulmonary fibrosis. European Respiratory Journal, 2005, 25, 701-707.	3.1	65
84	Immunopositivity of heat shock protein 60 as a biomarker of bronchial carcinogenesis. Lancet Oncology, The, 2005, 6, 816.	5.1	41
85	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2005, 116, 1028-1035.	1.5	127
86	Corticosteroid Resistance in Smokers with Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1252-1253.	2.5	10
87	Cellular and molecular mechanisms in chronic obstructive pulmonary disease: an overview. Clinical and Experimental Allergy, 2004, 34, 1156-1167.	1.4	166
88	STAT4 activation in smokers and patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2004, 24, 78-85.	3.1	120
89	Role of Interleukin-8 in the Pathogenesis and Treatment of COPD. Chest, 2004, 126, 676-678.	0.4	28
90	Proliferation and inflammation in bronchial epithelium after allergen in atopic asthmatics. Clinical and Experimental Allergy, 2003, 33, 905-911.	1.4	34

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91	Lower respiratory tract infections in chronic obstructive pulmonary disease outpatients with tracheostomy and persistent colonization by P. aeruginosa. Respiratory Medicine, 2003, 97, 1205-1210.	1.3	12
92	Increased Macrophage Inflammatory Protein-1 Î± and Macrophage Inflammatory Protein-1 Î² Levels in Bronchoalveolar Lavage Fluid of Patients Affected by Different Stages of Pulmonary Sarcoidosis. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 236-241.	2.5	71
93	Lung mucosal immunity: immunoglobulinâ€A revisited. European Respiratory Journal, 2002, 19, 785-786.	3.1	68
94	Increased expression of nuclear factor-ÂB in bronchial biopsies from smokers and patients with COPD. European Respiratory Journal, 2002, 20, 556-563.	3.1	383
95	Is dithiothreitol affecting cells and soluble mediators during sputum processing? A modified methodology to process sputum. Journal of Allergy and Clinical Immunology, 2002, 110, 667-669.	1.5	22
96	Decreased T lymphocyte infiltration in bronchial biopsies of subjects with severe chronic obstructive pulmonary disease. Clinical and Experimental Allergy, 2001, 31, 893-902.	1.4	73
97	Increased MCP-1 and MIP-1Î² in bronchoalveolar lavage fluid of chronic bronchitics. European Respiratory Journal, 1999, 14, 160.	3.1	131
98	Fatal Asthma. , 1999, , 296-311.		0
99	CD8⁺ T-Lymphocytes in Peripheral Airways of Smokers with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 822-826.	2.5	695
100	Severity of Airflow Limitation Is Associated with Severity of Airway Inflammation in Smokers. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 1277-1285.	2.5	469
101	Expression of interleukin (IL)-4 and IL-5 proteins in asthma induced by toluene diisocyanate (TDI). Clinical and Experimental Allergy, 1997, 27, 1292-1298.	1.4	75
102	Nocturnal Asthma: Mechanisms and Therapy. Lung, 1997, 175, 53-61.	1.4	7
103	Airflow limitation in chronic bronchitis is associated with T-lymphocyte and macrophage infiltration of the bronchial mucosa.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 629-632.	2.5	150
104	The brain in congestive heart failure. Archives of Gerontology and Geriatrics, 1996, 23, 247-256.	1.4	26
105	Airway eosinophilia and expression of interleukin-5 protein in asthma and in exacerbations of chronic bronchitis. Clinical and Experimental Allergy, 1996, 26, 766-774.	1.4	103
106	Effect of subchronic in vivo exposure to nitrogen dioxide on lung tissue inflammation, airway microvascular leakage, and in vitro bronchial muscle responsiveness in rats.. Occupational and Environmental Medicine, 1996, 53, 379-386.	1.3	10
107	Effect of smoking cessation on airway inflammation in chronic bronchitis.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 1262-1267.	2.5	196
108	Cytokines in the Airway Mucosa of Subjects with Asthma Induced by Toluene Diisocyanate. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 607-612.	2.5	67

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109	Airway wall remodeling after cessation of exposure to isocyanates in sensitized asthmatic subjects.. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 489-494.	2.5	116
110	Comparison of leukocyte counts in sputum, bronchial biopsies, and bronchoalveolar lavage.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 1926-1931.	2.5	240
111	Fatal asthma attack during an inhalation challenge with ultrasonically nebulized distilled water. Journal of Allergy and Clinical Immunology, 1995, 95, 1285-1287.	1.5	17
112	Upregulation of adhesion molecules in the bronchial mucosa of subjects with chronic obstructive bronchitis.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 803-810.	2.5	217
113	Sputum eosinophilia after asthmatic responses induced by isocyanates in sensitized subjects. Clinical and Experimental Allergy, 1994, 24, 29-34.	1.4	100
114	Airway eosinophilia in chronic bronchitis during exacerbations.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 1646-1652.	2.5	482
115	Mechanisms and pathology of occupational asthma. European Respiratory Journal, 1994, 7, 544-554.	3.1	76
116	CD8 T-cell clones producing interleukin-5 and interferon-gamma in bronchial mucosa of patients with asthma induced by toluene diisocyanate.. Scandinavian Journal of Work, Environment and Health, 1994, 20, 376-381.	1.7	97
117	The effect of compound on contractions induced by toluenc diisocyanate in isolated guinea-pig bronchus. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1993, 248, 67-73.	0.8	8
118	Mast Cells in the Airway Mucosa and Rapid Development of Occupational Asthma Induced by Toluene Diisocyanate. The American Review of Respiratory Disease, 1993, 147, 1005-1009.	2.9	38
119	Activated T-Lymphocytes and Macrophages in Bronchial Mucosa of Subjects with Chronic Bronchitis. The American Review of Respiratory Disease, 1993, 147, 301-306.	2.9	335
120	Effect of bumetanide on toluene diisocyanate induced contractions in guinea pig airways.. Thorax, 1993, 48, 63-67.	2.7	6
121	Airway Mucosal Inflammation in Occupational Asthma Induced by Toluene Diisocyanate. The American Review of Respiratory Disease, 1992, 145, 160-168.	2.9	174
122	Effect of Cessation of Exposure to Toluene Diisocyanate (TDI) on Bronchial Mucosa of Subjects with TDI-induced Asthma. The American Review of Respiratory Disease, 1992, 145, 169-174.	2.9	114
123	Quantitative Structural Analysis of Peripheral Airways and Arteries in Sudden Fatal Asthma. The American Review of Respiratory Disease, 1991, 143, 138-143.	2.9	312
124	Response to acetylcholine and myosin content of isolated canine airways. Journal of Applied Physiology, 1989, 67, 1331-1335.	1.2	3