

Bruno Balbi

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

4,720
citations

94433

37
h-index

102487

66
g-index

129
all docs

129
docs citations

129
times ranked

5670
citing authors

#	ARTICLE	IF	CITATIONS
1	Exhaled volatile organic compounds in patients with non-small cell lung cancer: cross sectional and nested short-term follow-up study. <i>Respiratory Research</i> , 2005, 6, 71.	3.6	329
2	T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. <i>Clinical and Experimental Immunology</i> , 2009, 157, 316-324.	2.6	283
3	Inflammatory cells and mediators in bronchial lavage of patients with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 1998, 12, 380-386.	6.7	260
4	Tele-assistance in chronic respiratory failure patients: a randomised clinical trial. <i>European Respiratory Journal</i> , 2008, 33, 411-418.	6.7	220
5	Low physical functioning and impaired performance of activities of daily life in COVID-19 patients who survived hospitalisation. <i>European Respiratory Journal</i> , 2020, 56, 2002096.	6.7	211
6	Bias toward use of a specific T cell receptor beta-chain variable region in a subgroup of individuals with sarcoidosis.. <i>Journal of Clinical Investigation</i> , 1988, 82, 1183-1191.	8.2	142
7	Increased MCP-1 and MIP-1 β in bronchoalveolar lavage fluid of chronic bronchitics. <i>European Respiratory Journal</i> , 1999, 14, 160.	6.7	131
8	Comparison between exhaled and sputum oxidative stress biomarkers in chronic airway inflammation. <i>European Respiratory Journal</i> , 2004, 24, 1011-1017.	6.7	120
9	Withdrawal of inhaled corticosteroids can be safe in COPD patients at low risk of exacerbation: a real-life study on the appropriateness of treatment in moderate COPD patients (OPTIMO). <i>Respiratory Research</i> , 2014, 15, 77.	3.6	113
10	T-Lymphocytes with $\gamma\delta$ + $V\alpha 2$ Antigen Receptors Are Present in Increased Proportions in a Fraction of Patients with Tuberculosis or with Sarcoidosis. <i>The American Review of Respiratory Disease</i> , 1993, 148, 1685-1690.	2.9	101
11	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. <i>Thorax</i> , 2014, 69, 516-524.	5.6	99
12	Increased numbers of T lymphocytes with gamma delta-positive antigen receptors in a subgroup of individuals with pulmonary sarcoidosis.. <i>Journal of Clinical Investigation</i> , 1990, 85, 1353-1361.	8.2	95
13	MEKC of desmosine and isodesmosine in urine of chronic destructive lung disease patients. <i>European Respiratory Journal</i> , 2000, 15, 1039.	6.7	94
14	Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. <i>Cancer</i> , 2006, 107, 2417-2424.	4.1	87
15	Tuberculous Pleural Effusions: Evidence for Selective Presence of PPD-Specific T-Lymphocytes at Site of Inflammation in the Early Phase of the Infection. <i>The American Review of Respiratory Disease</i> , 1987, 136, 575-579.	2.9	86
16	Seven-year time course of lung function, symptoms, health-related quality of life, and exercise tolerance in COPD patients undergoing pulmonary rehabilitation programs. <i>Respiratory Medicine</i> , 2007, 101, 1961-1970.	2.9	84
17	Prevalence and phenotype of subjects carrying rare variants in the Italian registry for alpha1-antitrypsin deficiency. <i>Journal of Medical Genetics</i> , 2005, 42, 282-287.	3.2	82
18	Bronchoalveolar lavage, sputum and exhaled clinically relevant inflammatory markers: values in healthy adults. <i>European Respiratory Journal</i> , 2007, 30, 769-781.	6.7	81

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19	Human Ciliated Bronchial Epithelial Cells: Expression of the HLA-DR Antigens and of the HLA-DR Alpha Gene, Modulation of the HLA-DR Antigens by Gamma-Interferon and Antigen-presenting Function in the Mixed Leukocyte Reaction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990, 3, 431-439.	2.9	80
20	Role of the Chemokine Receptors CXCR3 and CCR4 in Human Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 310-317.	5.6	79
21	Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. <i>Thorax</i> , 2009, 64, 968-975.	5.6	79
22	T-Lymphocytes that Accumulate in the Lung in Sarcoidosis Have Evidence of Recent Stimulation of the T-Cell Antigen Receptor. <i>The American Review of Respiratory Disease</i> , 1992, 145, 1205-1211.	2.9	76
23	Decreased T lymphocyte infiltration in bronchial biopsies of subjects with severe chronic obstructive pulmonary disease. <i>Clinical and Experimental Allergy</i> , 2001, 31, 893-902.	2.9	73
24	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. <i>European Respiratory Journal</i> , 2017, 49, 1602006.	6.7	63
25	Efficacy of pulmonary rehabilitation in chronic respiratory failure (CRF) due to chronic obstructive pulmonary disease (COPD): The Maugeri Study. <i>Respiratory Medicine</i> , 2007, 101, 2447-2453.	2.9	60
26	Symptomatic Treatment of Recurrent Malignant Pleural Effusions with Intrapleurally Administered <i>Corynebacterium parvum</i> . <i>The American Review of Respiratory Disease</i> , 1987, 135, 885-890.	2.9	55
27	Convergent Sets of Data from In Vivo and In Vitro Methods Point to an Active Role of Hsp60 in Chronic Obstructive Pulmonary Disease Pathogenesis. <i>PLoS ONE</i> , 2011, 6, e28200.	2.5	55
28	Response to Treatment with an Analog of the Luteinizing-Hormone-Releasing Hormone in a Patient with Pulmonary Lymphangiomyomatosis. <i>The American Review of Respiratory Disease</i> , 1991, 143, 174-176.	2.9	54
29	A national program for detection of α_1 -antitrypsin deficiency in Italy. <i>Respiratory Medicine</i> , 1999, 93, 169-172.	2.9	53
30	Patients' characterization, hospital course and clinical outcomes in five Italian respiratory intensive care units. <i>Intensive Care Medicine</i> , 2010, 36, 137-142.	8.2	52
31	Inhaled Corticosteroids in Stable COPD Patients. <i>Chest</i> , 2000, 117, 1633-1637.	0.8	49
32	A pilot study of nurse-led, home monitoring for patients with chronic respiratory failure and with mechanical ventilation assistance. <i>Journal of Telemedicine and Telecare</i> , 2006, 12, 337-342.	2.7	49
33	Nerve ablation after bronchial thermoplasty and sustained improvement in severe asthma. <i>BMC Pulmonary Medicine</i> , 2018, 18, 29.	2.0	47
34	Health-related quality of life profiles, trajectories, persistent symptoms and pulmonary function one year after ICU discharge in invasively ventilated COVID-19 patients, a prospective follow-up study. <i>Respiratory Medicine</i> , 2021, 189, 106665.	2.9	46
35	Development of a Barthel Index based on dyspnea for patients with respiratory diseases. <i>International Journal of COPD</i> , 2016, 11, 1199.	2.3	44
36	TGF- β 2 Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. <i>Chest</i> , 2018, 153, 851-862.	0.8	43

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37	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease patients with prevalent emphysema. <i>International Journal of COPD</i> , 2018, Volume 13, 1691-1700.	2.3	43
38	Alveolar Macrophage Stimulation of T-Cell Proliferation in Autologous Mixed Lymphocyte Reactions. <i>The American Review of Respiratory Disease</i> , 1986, 133, 78-82.	2.9	42
39	Downmodulation of CXCL8/IL-8 receptors on neutrophils after recruitment in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 88-94.	2.9	37
40	General Characteristics and Risk Factors of Cardiovascular Disease among Interstate Bus Drivers. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7.	2.1	35
41	Airway Clearance Techniques: The Right Choice for the Right Patient. <i>Frontiers in Medicine</i> , 2021, 8, 544826.	2.6	35
42	Acute Myelomonocytic Leukemia. <i>Chest</i> , 1985, 87, 259-260.	0.8	34
43	Primary human mesothelioma cells express class II MHC, ICAM-1 and B7-2 and can present recall antigens to autologous blood lymphocytes. , 1998, 78, 740-749.		33
44	Gait abnormalities of COPD are not directly related to respiratory function. <i>Gait and Posture</i> , 2017, 58, 352-357.	1.4	33
45	Oxidative stress, inflammation and disease activity biomarkers in lupus nephropathy. <i>Lupus</i> , 2020, 29, 311-323.	1.6	31
46	Lower Respiratory Tract Inflammation in Chronic Bronchitis. <i>Chest</i> , 1994, 106, 819-826.	0.8	30
47	Bacterial and viral infections and related inflammatory responses in chronic obstructive pulmonary disease. <i>Annals of Medicine</i> , 2021, 53, 135-150.	3.8	30
48	Expression of vascular remodelling markers in relation to bradykinin receptors in asthma and COPD. <i>Thorax</i> , 2013, 68, 803-811.	5.6	29
49	Bacterial–viral load and the immune response in stable and exacerbated COPD: significance and therapeutic prospects. <i>International Journal of COPD</i> , 2016, 11, 445.	2.3	29
50	HSP60 activity on human bronchial epithelial cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2017, 30, 333-340.	2.1	29
51	Helper T-lymphocytes in pulmonary sarcoidosis. Functional analysis of a lung T-cell subpopulation in patients with active disease. <i>The American Review of Respiratory Disease</i> , 1986, 133, 1086-90.	2.9	29
52	Incorporating telemedicine into the integrated care of the COPD patient a summary of an interdisciplinary workshop held in Stresa, Italy, 7–8 September 2017. <i>Respiratory Medicine</i> , 2018, 143, 91-102.	2.9	28
53	Preferential Usage of the T-Cell Antigen Receptor Î²2-Chain Constant Region CÎ²1 Element by Lung T-Lymphocytes of Patients with Pulmonary Sarcoidosis. <i>The American Review of Respiratory Disease</i> , 1991, 143, 635-639.	2.9	27
54	Efficacy of temporary positive expiratory pressure (TPEP) in patients with lung diseases and chronic mucus hypersecretion. The UNIKO^{Â®}project: a multicentre randomized controlled trial. <i>Clinical Rehabilitation</i> , 2013, 27, 336-346.	2.2	25

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55	Italian Registry of Patients with Alpha-1 Antitrypsin Deficiency: General Data and Quality of Life Evaluation. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2015, 12, 52-57.	1.6	23
56	Is dithiothreitol affecting cells and soluble mediators during sputum processing? A modified methodology to process sputum. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, 667-669.	2.9	22
57	Smoking-related lung diseases: a clinical perspective. <i>European Respiratory Journal</i> , 2010, 35, 231-233.	6.7	22
58	High-Resolution Computed Tomography Quantitation of Emphysema Is Correlated with Selected Lung Function Values in Stable COPD. <i>Respiration</i> , 2012, 83, 383-390.	2.6	22
59	<p>Minimal Clinically Important Difference in Barthel Index Dyspnea in Patients with COPD</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2591-2599.	2.3	22
60	Physiological effects of meals in difficult-to-wean tracheostomised patients with chronic obstructive pulmonary disease. <i>Intensive Care Medicine</i> , 2005, 31, 236-242.	8.2	20
61	Maximal inspiratory and expiratory pressure measurement in tracheotomised patients. <i>European Respiratory Journal</i> , 2006, 27, 343-349.	6.7	20
62	Phospho-p38 MAPK Expression in COPD Patients and Asthmatics and in Challenged Bronchial Epithelium. <i>Respiration</i> , 2015, 89, 329-342.	2.6	20
63	Physiological responses to arm exercise in difficult to wean patients with chronic obstructive pulmonary disease. <i>Intensive Care Medicine</i> , 2006, 32, 1159-1166.	8.2	18
64	Management and outcomes of post-acute COVID-19 patients in Northern Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 159-160.	2.2	18
65	Population Genetic Screening for Alpha1-Antitrypsin Deficiency in a High-Prevalence Area. <i>Respiration</i> , 2011, 82, 418-425.	2.6	17
66	Weaning from Mechanical Ventilation Followed at Home with the Aid of a Telemedicine Program. <i>Telemedicine Journal and E-Health</i> , 2007, 13, 445-450.	2.8	15
67	Tracheostomy and related hostâ€“patogen interaction are associated with airway inflammation as characterized by tracheal aspirate analysis. <i>Respiratory Medicine</i> , 2009, 103, 201-208.	2.9	14
68	Hsp10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin. <i>Open Biology</i> , 2014, 4, 140125.	3.6	14
69	Exercise capacity and comorbidities in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 531-538.	2.6	14
70	Lower respiratory tract infections in chronic obstructive pulmonary disease outpatients with tracheostomy and persistent colonization by <i>P. aeruginosa</i> . <i>Respiratory Medicine</i> , 2003, 97, 1205-1210.	2.9	12
71	Telemedicine and home care: controversies and opportunities. <i>Breathe</i> , 2006, 3, 148-158.	1.3	12
72	Efficacy of augmentation therapy for emphysema associated with α -antitrypsin deficiency: enough is enough. <i>European Respiratory Journal</i> , 2016, 47, 35-38.	6.7	11

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73	<p>Bacterial load and inflammatory response in sputum of alpha-1 antitrypsin deficiency patients with COPD</p>. International Journal of COPD, 2019, Volume 14, 1879-1893.	2.3	11
74	Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. Lung, 1985, 163, 83-93.	3.3	10
75	COPD. Chest, 2003, 123, 983-986.	0.8	10
76	Health and social impacts of COPD and the problem of under-diagnosis. Multidisciplinary Respiratory Medicine, 2014, 9, 63.	1.5	10
77	Characteristics of COVID-19 Pneumonia Survivors With Resting Normoxemia and Exercise-Induced Desaturation. Respiratory Care, 2021, 66, 1657-1664.	1.6	10
78	Oxidative and Nitrosative Stress in the Pathogenesis of Obstructive Lung Diseases of Increasing Severity. Current Medicinal Chemistry, 2020, 27, 7149-7158.	2.4	10
79	MVarallo: A New MLike Alpha 1-Antitrypsin-Deficient Allele. Diagnostic Molecular Pathology, 2003, 12, 237-239.	2.1	8
80	Aging and Induced-Sputum Cells. Chest, 2005, 128, 4049-4050.	0.8	8
81	Comparing airways clearance techniques in chronic obstructive pulmonary disease and bronchiectasis: positive expiratory pressure or temporary positive expiratory pressure? A retrospective study. Brazilian Journal of Physical Therapy, 2017, 21, 15-23.	2.5	8
82	Something is changing in adherence to CPAP therapy: real world data after 1&euro...year of treatment in patients with obstructive sleep apnoea. European Respiratory Journal, 2020, 55, 1901419.	6.7	7
83	Different Expansions of T Lymphocyte Subpopulations in the Lung and Corticosteroid-induced Changes in Patients with Active Pulmonary Sarcoidosis. Annals of the New York Academy of Sciences, 1986, 465, 130-139.	3.8	6
84	Prevalence and clinical features of most frequent phenotypes in the Italian COPD population: the CLIMA Study. Multidisciplinary Respiratory Medicine, 2021, 16, 790.	1.5	6
85	A pilot study on the non&euroinvasive management of tracheobronchial secretions in tracheostomised patients. Clinical Respiratory Journal, 2019, 13, 637-642.	1.6	5
86	Muscarinic receptor M3 contributes to vascular and neural growth factor up&euroregulation in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 717-720.	5.7	5
87	Evaluation of Innate Immune Mediators Related to Respiratory Viruses in the Lung of Stable COPD Patients. Journal of Clinical Medicine, 2020, 9, 1807.	2.4	5
88	A young man with fever, dyspnoea and nonproductive cough. European Respiratory Journal, 1996, 9, 618-620.	6.7	4
89	Pulmonary rehabilitation in Italy: professional barriers to overcome. European Respiratory Journal, 2014, 44, 1382-1383.	6.7	4
90	General practitioners and rare lung diseases: a task force for the development of rare lung diseases educational material. Breathe, 2016, 12, 341-348.	1.3	4

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91	The respiratory rehabilitation Maugeri network service reconfiguration after 1 year of COVID-19. <i>Monaldi Archives for Chest Disease</i> , 2021, 91, .	0.6	4
92	Requirement for Different Presenting Cells and for Different Processing Mechanisms by Human CD4 T Helper Clones Specific for <i>M. tuberculosis</i> Antigens. <i>Human Immunology</i> , 1998, 59, 265-274.	2.4	3
93	Implementation of a real-world based ICF set for the rehabilitation of respiratory diseases: a pilot study. <i>Minerva Medica</i> , 2020, 111, 239-244.	0.9	3
94	Popliteal Cysts in Chronic Hemodialysis Patients. <i>Nephron</i> , 1990, 56, 444-445.	1.8	2
95	Monitoring physical activity in cardiac and respiratory patients with the accelerometer fitbit alta HRÁ®. , 2019, , .		2
96	Characteristics and clinical significance of the lymphocytic alveolitis in interstitial lung disorders. <i>Lung</i> , 1990, 168, 957-963.	3.3	1
97	Immunology and defence mechanisms. , 2013, , 39-44.		1
98	The fight against tobacco. <i>Monaldi Archives for Chest Disease</i> , 2013, 79, 5.	0.6	0
99	Roflumilast: the fourth Mousquetaire in COPD pharmacological treatment. <i>Monaldi Archives for Chest Disease</i> , 2013, 79, .	0.6	0
100	GPs Meet Rare Lung Disorders Task Force factsheet: Å-1 antitrypsin deficiency. <i>Breathe</i> , 2014, 10, 87-89.	1.3	0
101	A new deal for the <i>Monaldi Archives for Chest Disease</i> . <i>Monaldi Archives for Chest Disease</i> , 2017, 87, 837.	0.6	0
102	Integrated care of chronic degenerative non-communicable diseases and rehabilitation: the odd couple?. <i>Monaldi Archives for Chest Disease</i> , 2017, 87, 818.	0.6	0
103	Case finding of Alpha-1 antitrypsin deficiency: never wasted time!. <i>Multidisciplinary Respiratory Medicine</i> , 2018, 13, 3.	1.5	0
104	Accomplishments, engagements and new challenges for the <i>Monaldi Archives for Chest Disease</i> . <i>Monaldi Archives for Chest Disease</i> , 2019, 89, .	0.6	0
105	Extracorporeal Shock Waves Increase Markers of Cellular Proliferation in Bronchial Epithelium and in Primary Bronchial Fibroblasts of COPD Patients. <i>Canadian Respiratory Journal</i> , 2020, 2020, 1-14.	1.6	0
106	Immunology and defence mechanisms. , 2013, , 19-28.		0
107	Pro-and anti-fibrotic molecule balance in the bronchial mucosa of stable COPD patients. , 2015, , .		0
108	Tracheostomized (TCS) patients: Is it possible to manage noninvasively tracheobronchial secretions?., 2015, , .		0

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109	Screening of alpha-1 antitrypsin deficiency in a blood donors cohort of the North-Italian area. , 2015, , .		0
110	The effect of bronchial thermoplasty on nerve C-fibers and inflammatory cells in patients with severe asthma. , 2015, , .		0
111	Organization and content of pulmonary rehabilitation programs (PRP) in Italy: A national survey. , 2016, , .		0
112	Development of a Barthel index based on dyspnea for patients with respiratory diseases. , 2016, , .		0
113	TLR4 and NOD1 increase in stable COPD of increasing severity. Relationship with tissutal bacterial load. , 2016, , .		0
114	Selection of patients from Pulmonary Rehabilitation (PR) to Disease Management (DM) programmes. , 2017, , .		0
115	Late Breaking Abstract - Bacterial Load and Inflammation in Sputum from patients with Alpha-1-Antitrypsin Deficiency as compared with COPD Patients. , 2017, , .		0
116	Blood MCP-1 levels are increased in chronic obstructive pulmonary disease with prevalent emphysema. , 2018, , .		0
117	What is the best frequency of exercise training in patients with moderate-to-severe COPD ?. , 2018, , .		0
118	Immunology and defence mechanisms. , 2019, , 20-27.		0
119	Patients with Alpha-1 antitrypsin Deficiency due to Null mutations have clinical peculiarities and should require personalized pulmonary management. , 2019, , .		0
120	Pulmonary rehabilitation after lung transplantation: Development of a protocol. , 2019, , .		0
121	Extracorporeal shock waves increase markers of cellular proliferation in primary bronchial fibroblasts of COPD patients. , 2019, , .		0
122	Validation of a protocol for airway clearance in patients with ineffective cough. , 2019, , .		0
123	Effort tolerance and effectiveness of pulmonary rehabilitation in COPD patients with varying degrees of dyspnea during ADL. , 2020, , .		0
124	Different clinical suspect that brings to the diagnosis of alpha1-antitrypsin deficiency. , 2020, , .		0
125	Minimal clinically important difference in Barthel dyspnoea after pulmonary rehabilitation in patients with Chronic Obstructive Pulmonary Disease. , 2020, , .		0
126	NoSAS: a possible screening questionnaire in patients with OSA and comorbidities. , 2020, , .		0

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127	Validation study of an innovative device to screen sleep respiratory disorders. , 2020, , .		0
128	In Memory of Claudio Ferdinando Donner. Respiration, 2022, 101, 106-107.	2.6	0