

Giovanna E Carpagnano

List of Publications by Year in descending order

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123
papers

3,895
citations

126708

33
h-index

138251

58
g-index

126
all docs

126
docs citations

126
times ranked

4705
citing authors

#	ARTICLE	IF	CITATIONS
1	A European Respiratory Society technical standard: exhaled biomarkers in lung disease. <i>European Respiratory Journal</i> , 2017, 49, 1600965.	3.1	432
2	8-Isoprostane, a Marker of Oxidative Stress, Is Increased in Exhaled Breath Condensate of Patients With Obstructive Sleep Apnea After Night and Is Reduced by Continuous Positive Airway Pressure Therapy. <i>Chest</i> , 2003, 124, 1386-1392.	0.4	272
3	Increased 8-Isoprostane and Interleukin-6 in Breath Condensate of Obstructive Sleep Apnea Patients. <i>Chest</i> , 2002, 122, 1162-1167.	0.4	243
4	Increased Leukotriene B ₄ and Interleukin-6 in Exhaled Breath Condensate in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1109-1112.	2.5	129
5	Increased inflammatory markers in the exhaled breath condensate of cigarette smokers. <i>European Respiratory Journal</i> , 2003, 21, 589-593.	3.1	124
6	Breath Condensate pH in Children With Cystic Fibrosis and Asthma. <i>Chest</i> , 2004, 125, 2005-2010.	0.4	116
7	Systemic and airway inflammation in sleep apnea and obesity: the role of ICAM-1 and IL-8. <i>Translational Research</i> , 2010, 155, 35-43.	2.2	89
8	Gender difference in sleep profile of severely obese patients with obstructive sleep apnea (OSA). <i>Respiratory Medicine</i> , 2005, 99, 91-96.	1.3	78
9	Exhaled Interleukin-6 and 8-isoprostane in chronic obstructive pulmonary disease: effect of carbocysteine lysine salt monohydrate (SCMC-Lys). <i>European Journal of Pharmacology</i> , 2004, 505, 169-175.	1.7	76
10	3p Microsatellite Alterations in Exhaled Breath Condensate from Patients with Non-Small Cell Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 738-744.	2.5	75
11	IL-2, TNF- α , and Leptin: Local Versus Systemic Concentrations in NSCLC Patients. <i>Oncology Research</i> , 2006, 16, 375-381.	0.6	74
12	3p Microsatellite Signature in Exhaled Breath Condensate and Tumor Tissue of Patients with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 337-341.	2.5	69
13	Characterization of obstructive sleep apnea-hypopnea syndrome (<sc>OSA</sc>) population by means of cluster analysis. <i>Journal of Sleep Research</i> , 2016, 25, 724-730.	1.7	66
14	Exhaled pH, exhaled nitric oxide, and induced sputum cellularity in obese patients with obstructive sleep apnea syndrome. <i>Translational Research</i> , 2008, 151, 45-50.	2.2	64
15	Expression profiling of miRNA-145 and miRNA-338 in serum and sputum of patients with COPD, asthma, and asthma–COPD overlap syndrome phenotype. <i>International Journal of COPD</i> , 2017, Volume 12, 1811-1817.	0.9	62
16	HPV-associated lung cancers: an international pooled analysis. <i>Carcinogenesis</i> , 2014, 35, 1267-1275.	1.3	57
17	Inflammation, Oxidative Stress and Systemic Effects in Mild Chronic Obstructive Pulmonary Disease. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 753-763.	1.0	54
18	Endothelin-1 Is Increased in the Breath Condensate of Patients with Non-Small-Cell Lung Cancer. <i>Oncology</i> , 2004, 66, 180-184.	0.9	53

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19	<p>Severe uncontrolled asthma with bronchiectasis: a pilot study of an emerging phenotype that responds to mepolizumab<p>. Journal of Asthma and Allergy, 2019, Volume 12, 83-90.	1.5	51
20	Application of machine learning to predict obstructive sleep apnea syndrome severity. Health Informatics Journal, 2020, 26, 298-317.	1.1	51
21	Peptidome profiling of induced sputum by mesoporous silica beads and MALDI-TOF MS for non-invasive biomarker discovery of chronic inflammatory lung diseases. Proteomics, 2011, 11, 3402-3414.	1.3	49
22	Prevalence of comorbidities in patients with obstructive sleep apnea syndrome, overlap syndrome and obesity hypoventilation syndrome. Clinical Respiratory Journal, 2018, 12, 1905-1911.	0.6	46
23	Mepolizumab effectiveness on small airway obstruction, corticosteroid sparing and maintenance therapy step-down in real life. Pulmonary Pharmacology and Therapeutics, 2020, 61, 101899.	1.1	46
24	Exhaled markers in the monitoring of airways inflammation and its response to steroid's treatment in mild persistent asthma. European Journal of Pharmacology, 2005, 519, 175-181.	1.7	45
25	Neutrophilic airways inflammation in lung cancer: the role of exhaled LTB-4 and IL-8. BMC Cancer, 2011, 11, 226.	1.1	45
26	Interleukin-6 is increased in breath condensate of patients. International Journal of Biological Markers, 2002, 17, 141-145.	0.7	44
27	Use of Exhaled Breath Condensate in the Study of Airway Inflammation After Hypertonic Saline Solution Challenge. Chest, 2005, 128, 3159-3166.	0.4	43
28	Daytime PaO2 in OSAS, COPD and the combination of the two (overlap syndrome). Respiratory Medicine, 2013, 107, 310-316.	1.3	41
29	Exhaled matrix metalloproteinase-9 (MMP-9) in different biological phenotypes of asthma. European Journal of Internal Medicine, 2014, 25, 92-96.	1.0	40
30	Fractional Exhaled Nitric Oxide (FENO) in the management of asthma: a position paper of the Italian Respiratory Society (SIP/IRS) and Italian Society of Allergy, Asthma and Clinical Immunology (SIAAIC). Multidisciplinary Respiratory Medicine, 2020, 15, 36.	0.6	40
31	Increased Vitronectin and Endothelin-1 in the Breath Condensate of Patients with Fibrosing Lung Disease. Respiration, 2003, 70, 154-160.	1.2	38
32	Mitochondrial DNA alteration in obstructive sleep apnea. Respiratory Research, 2015, 16, 47.	1.4	38
33	Benralizumab Effectiveness in Severe Eosinophilic Asthma with and without Chronic Rhinosinusitis with Nasal Polyps: A Real-World Multicenter Study. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 4371-4380.e4.	2.0	37
34	Effects of omalizumab in severe asthmatics across ages: A real life Italian experience. Respiratory Medicine, 2016, 119, 141-149.	1.3	34
35	Nailfold capillaroscopic findings in systemic sclerosis related lung fibrosis and in idiopathic lung fibrosis. Joint Bone Spine, 2010, 77, 570-574.	0.8	32
36	Impact of smoking, COPD and comorbidities on the mortality of COVID-19 patients. Scientific Reports, 2021, 11, 19251.	1.6	32

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37	Oxygen therapy at low flow causes oxidative stress in chronic obstructive pulmonary disease: Prevention by N-acetyl cysteine. <i>Free Radical Research</i> , 2005, 39, 1111-1118.	1.5	31
38	Oral CorticoSteroid sparing with biologics in severe asthma: A remark of the Severe Asthma Network in Italy (SANI). <i>World Allergy Organization Journal</i> , 2020, 13, 100464.	1.6	30
39	Non-invasive study of airways inflammation in sleep apnea patients. <i>Sleep Medicine Reviews</i> , 2011, 15, 317-326.	3.8	29
40	Dyspnea perception in asthma: Role of airways inflammation, age and emotional status. <i>Respiratory Medicine</i> , 2011, 105, 195-203.	1.3	29
41	Microparticles in sputum of COPD patients: a potential biomarker of the disease?. <i>International Journal of COPD</i> , 2016, 11, 527.	0.9	29
42	Real-Life effects of benralizumab on exacerbation number and lung hyperinflation in atopic patients with severe eosinophilic asthma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110444.	2.5	29
43	Prognostic value of Exhaled Microsatellite alterations at 3p in NSCLC patients. <i>Lung Cancer</i> , 2009, 64, 334-340.	0.9	27
44	Evaluation of adiponectin profile in Italian patients affected by obstructive sleep apnea syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 40, 104-108.	1.1	27
45	Analysis of mitochondrial DNA alteration in new phenotype ACOS. <i>BMC Pulmonary Medicine</i> , 2016, 16, 31.	0.8	27
46	Cigarette smoke and increased COX-2 and survivin levels in exhaled breath condensate of lung cancer patients: How hot is the link?. <i>Lung Cancer</i> , 2010, 67, 108-113.	0.9	26
47	Looking for Airways Periostin in Severe Asthma. <i>Chest</i> , 2018, 154, 1083-1090.	0.4	25
48	Could exhaled ferritin and SOD be used as markers for lung cancer and prognosis prediction purposes?. <i>European Journal of Clinical Investigation</i> , 2012, 42, 478-486.	1.7	24
49	Menopausal asthma: a new biological phenotype?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 1306-1312.	2.7	23
50	Validation of the Exhaled Breath Temperature Measure. <i>Chest</i> , 2017, 151, 855-860.	0.4	23
51	Analysis of the fungal microbiome in exhaled breath condensate of patients with asthma. <i>Allergy and Asthma Proceedings</i> , 2016, 37, 41-46.	1.0	21
52	REINVENT: ERS International survey on REstrictive thoracic diseases IN long term home noninvasive VENTilation. <i>ERJ Open Research</i> , 2021, 7, 00911-2020.	1.1	21
53	Exhaled ERCC-1 and ERCC-2 microsatellite alterations in NSCLC patients. <i>Lung Cancer</i> , 2010, 68, 305-307.	0.9	20
54	Aspergillus spp. colonization in exhaled breath condensate of lung cancer patients from Puglia Region of Italy. <i>BMC Pulmonary Medicine</i> , 2014, 14, 22.	0.8	19

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55	Values in Elderly People for Exhaled Nitric Oxide Study. <i>Rejuvenation Research</i> , 2016, 19, 233-238.	0.9	19
56	The potential role of endothelial dysfunction and platelet activation in the development of thrombotic risk in COPD patients. <i>Expert Review of Hematology</i> , 2017, 10, 821-832.	1.0	19
57	Changes in sputum composition during 15min of sputum induction in healthy subjects and patients with asthma and chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2007, 101, 1543-1548.	1.3	18
58	MicroRNA expression profile during different conditions of hypoxia. <i>Oncotarget</i> , 2018, 9, 35114-35122.	0.8	18
59	Interleukin-6 is Increased in Breath Condensate of Patients with Non-Small Cell Lung Cancer. <i>International Journal of Biological Markers</i> , 2002, 17, 141-145.	0.7	17
60	Exhaled Inflammatory Markers in Aspirin-Induced Asthma Syndrome. <i>American Journal of Rhinology & Allergy</i> , 2007, 21, 542-547.	2.3	14
61	Bilevel and continuous positive airway pressure and factors linked to all-cause mortality in COVID-19 patients in an intermediate respiratory intensive care unit in Italy. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 853-857.	1.0	14
62	Baseline characteristics and outcomes of COVID-19 patients admitted to a Respiratory Intensive Care Unit (RICU) in Southern Italy. <i>Multidisciplinary Respiratory Medicine</i> , 2020, 15, 704.	0.6	14
63	Exhaled Breath Analysis and Sleep. <i>Journal of Clinical Sleep Medicine</i> , 2011, 7, S34-7.	1.4	14
64	How strong is the association between IPF and lung cancer? An answer from airwayâ€™s DNA. <i>Medical Oncology</i> , 2016, 33, 119.	1.2	13
65	Prolonged Active Prone Positioning in Spontaneously Breathing Non-intubated Patients With COVID-19-Associated Hypoxemic Acute Respiratory Failure With PaO ₂ /FiO ₂ >150. <i>Frontiers in Medicine</i> , 2021, 8, 626321.	1.2	13
66	Switch from Omalizumab to Benralizumab in Allergic Patients with Severe Eosinophilic Asthma: A Real-Life Experience from Southern Italy. <i>Biomedicines</i> , 2021, 9, 1822.	1.4	13
67	Airways oxidative stress, lung function and cognitive impairment in aging. <i>Monaldi Archives for Chest Disease</i> , 2010, 73, 5-11.	0.3	12
68	Microsatellite Alterations and Cell-Free DNA Analysis: Could They Increase the Cytology Sensitivity in the Diagnosis of Malignant Pleural Effusion?. <i>Rejuvenation Research</i> , 2012, 15, 265-273.	0.9	12
69	Viral colonization in exhaled breath condensate of lung cancer patients: Possible role of EBV and CMV. <i>Clinical Respiratory Journal</i> , 2018, 12, 418-424.	0.6	12
70	A survey of fungal microbiota in airways of healthy volunteer subjects from Puglia (Apulia), Italy. <i>BMC Infectious Diseases</i> , 2019, 19, 78.	1.3	12
71	Association between exhaled nitric oxide and nasal polyposis in severe asthma. <i>Respiratory Medicine</i> , 2019, 152, 20-24.	1.3	12
72	Exhaled volatile organic compounds analysis by e-nose can detect idiopathic pulmonary fibrosis. <i>Journal of Breath Research</i> , 2020, 14, 047101.	1.5	12

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73	The Role of Airways 17 β -Estradiol as a Biomarker of Severity in Postmenopausal Asthma: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2037.	1.0	11
74	COVID-19 clinical phenotypes and short-term outcomes: differences between the first and the second wave of pandemic in Italy. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1-7.	1.0	11
75	More skilled clinical management of COVID-19 patients modified mortality in an intermediate respiratory intensive care unit in Italy. <i>Respiratory Research</i> , 2021, 22, 16.	1.4	11
76	Effect of CPAP-therapy on bronchial and nasal inflammation in patients affected by obstructive sleep apnea syndrome. <i>Rhinology</i> , 2011, 49, 232-237.	0.7	11
77	Oxidative Stress and Cardiovascular Complications in Sleep Apnea. <i>Chest</i> , 2005, 127, 2294.	0.4	10
78	Aging and airway inflammation. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 239-245.	1.4	10
79	Exhaled breath temperature in NSCLC: Could be a new non-invasive marker?. <i>Medical Oncology</i> , 2014, 31, 952.	1.2	10
80	Endothelial dysfunction assessment by noninvasive peripheral arterial tonometry in patients with chronic obstructive pulmonary disease compared with healthy subjects. <i>Clinical Respiratory Journal</i> , 2018, 12, 1466-1472.	0.6	10
81	Early effectiveness of type-2 severe asthma treatment with dupilumab in a real-life setting; a FeNO-driven choice that leads to winning management. <i>Multidisciplinary Respiratory Medicine</i> , 2022, 17, 797.	0.6	10
82	Exhaled Matrix Metalloproteinase-9 in Lung Cancer. <i>Rejuvenation Research</i> , 2012, 15, 359-365.	0.9	9
83	Treatment response according to small airways disease status: The effects of high-strength extrafine pMDI beclomethasone dipropionate/formoterol fumarate in fixed dose combination in moderate uncontrolled asthmatic patients. <i>Pulmonary Pharmacology and Therapeutics</i> , 2020, 60, 101879.	1.1	9
84	Clinical features associated with a doctor-diagnosis of bronchiectasis in the Severe Asthma Network in Italy (SANI) registry. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 419-424.	1.0	9
85	Predictive Machine Learning Models and Survival Analysis for COVID-19 Prognosis Based on Hemochemical Parameters. <i>Sensors</i> , 2021, 21, 8503.	2.1	9
86	Predictive equations for CPAP titration in OSAS patients. <i>Sleep and Breathing</i> , 2012, 16, 95-100.	0.9	8
87	Exhaled Nitric Oxide and Exhaled Breath Temperature as Potential Biomarkers in Patients with Pulmonary Hypertension. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	8
88	Transthoracic ultrasound sign in severe asthmatic patients: a lack of "œgliding sign" mimic pneumothorax. <i>BJR case Reports</i> , 2019, 5, 20190030.	0.1	8
89	Searching for Inflammatory and Oxidative Stress Markers Capable of Clustering Severe Asthma. <i>Archivos De Bronconeumologia</i> , 2021, 57, 338-344.	0.4	8
90	Risk factors for transfer from Respiratory Intermediate Care Unit to Intensive Care Unit in COVID-19. <i>Respiratory Investigation</i> , 2021, 59, 602-607.	0.9	8

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91	Increased IL-6 and IL-4 in exhaled breath condensate of patients with nasal polyposis. <i>Monaldi Archives for Chest Disease</i> , 2009, 71, 3-7.	0.3	7
92	Is the Exhaled Breath Temperature Sensitive to Cigarette Smoking?. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 642-646.	0.7	7
93	Bamlanivimab and Etesevimab administered in an outpatient setting for SARS-CoV-2 infection. <i>Pathogens and Global Health</i> , 2022, 116, 297-304.	1.0	7
94	Short-Term Effect of Cigarette Smoke on Exhaled Volatile Organic Compounds Profile Analyzed by an Electronic Nose. <i>Biosensors</i> , 2022, 12, 520.	2.3	7
95	Evidence of Lower Oxidative Stress in the Air Spaces of Patients with Reversible Copd. <i>International Journal of Immunopathology and Pharmacology</i> , 2006, 19, 617-628.	1.0	6
96	Airway cell patterns in patients suffering from COPD and OSAS (Overlap Syndrome). <i>Respiratory Medicine</i> , 2011, 105, 303-309.	1.3	6
97	New panel of microsatellite alterations detectable in the EBC for lung cancer prognosis. <i>Journal of Cancer</i> , 2016, 7, 2266-2269.	1.2	6
98	Validity and reproducibility of morphologic analysis of nasal secretions obtained using ultrasonic nebulization of hypertonic solution. <i>Annals of Allergy, Asthma and Immunology</i> , 2007, 99, 232-235.	0.5	5
99	Is the exhaled breath temperature in lung cancer influenced by airways neoangiogenesis or by inflammation?. <i>Medical Oncology</i> , 2015, 32, 237.	1.2	5
100	Physical Activity as a New Tool to Evaluate the Response to Omalizumab and Mepolizumab in Severe Asthmatic Patients: A Pilot Study. <i>Frontiers in Pharmacology</i> , 2019, 10, 1630.	1.6	5
101	Omalizumab as add-on therapy in a patient with severe asthma and OSA. <i>Respirology Case Reports</i> , 2020, 8, e0518.	0.3	5
102	Is it feasible to collect exhaled breath condensate in COVID-19 patients undergoing noninvasive ventilatory support?. <i>ERJ Open Research</i> , 2021, 7, 00071-2021.	1.1	5
103	Exhaled breath condensate (EBC) for SARS-CoV-2 diagnosis still an open debate. <i>Journal of Breath Research</i> , 2022, 16, 027101.	1.5	5
104	Could neutrophilic airway inflammation in obese people be more due to obstructive sleep apnoea syndrome than to asthma?. <i>European Respiratory Journal</i> , 2012, 39, 1547.2-1549.	3.1	4
105	New non invasive ventilator strategy applied to COPD patients in acute ventilator failure. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 46, 64-68.	1.1	4
106	Mepolizumab Effectiveness and Allergic Status in Real Life. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 311-318.	0.9	4
107	Breathing Rhythm Variations during Wash-In Do Not Influence Exhaled Volatile Organic Compound Profile Analyzed by an Electronic Nose. <i>Molecules</i> , 2021, 26, 2695.	1.7	4
108	Mild/Moderate Asthma Network in Italy (MANI): a long-term observational study. <i>Journal of Asthma</i> , 2022, 59, 1908-1913.	0.9	4

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109	Exhaled HPV Infection in Lung Cancer: Role of MA at 3p. Archives of Medical Research, 2014, 45, 383-387.	1.5	3
110	The importance of maintaining the same order of performance of lung function and SNIP tests in patients with amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 337-343.	1.1	3
111	Role of Vasoactive Intestinal Peptide in Chronic Obstructive Pulmonary Disease with Pulmonary Hypertension. Rejuvenation Research, 2014, 17, 33-39.	0.9	2
112	Tissue Doppler Imaging predicts central sleep apnea in patients with chronic heart failure: data from the <sc>D</sc>ania <sc>R</sc>egistry. European Journal of Clinical Investigation, 2015, 45, 1153-1160.	1.7	2
113	Respiratory drive in patients with chronic heart failure and central sleep apnea: Data from the Daunia Heart Failure Registry. International Journal of Cardiology, 2017, 230, 630-633.	0.8	2
114	Searching for Inflammatory and Oxidative Stress Markers Capable of Clustering Severe Asthma. Archivos De Bronconeumologia, 2021, 57, 338-344.	0.4	2
115	The association between dysphagia and OSA. Acta Otorhinolaryngologica Italica, 2022, 42, 82-88.	0.7	2
116	Exhaled Breath Temperature Home Monitoring to Detect NSCLC Relapse: Results from a Pilot Study. BioMed Research International, 2022, 2022, 1-7.	0.9	2
117	Criteria of prescription of antibiotics and systemic corticosteroids among pulmonologists and general practitioners during asthma and COPD exacerbations: a southern Italian survey. Acta Biomedica, 2021, 92, e2021165.	0.2	1
118	Interleukin-6, Obstructive Sleep Apnea, and Obesity. Chest, 2003, 124, 1622-1623.	0.4	0
119	Anomalies de la capillaroscopie pÃ©riunguÃ©ale au cours de la fibrose pulmonaire associÃ©e Ã la sclÃ©rodermie systÃ©mique et au cours de la fibrose pulmonaire idiopathique. Revue Du Rhumatisme (Edition Francaise), 2010, 77, 596-601.	0.0	0
120	EBC in lung cancer: which future?. Monaldi Archives for Chest Disease, 2010, 73, 178-9.	0.3	0
121	VIP: A New Promising Marker for AECOPD - A Fashionable Marker Soon Forgotten?. Respiration, 2015, 90, 353-354.	1.2	0
122	Authorsâ€™ response to the Letter to the Editor regarding: Post severe COVID-19 infection lung damages study. The experience of early three months multidisciplinary follow-up. Monaldi Archives for Chest Disease, 2022, , .	0.3	0
123	Hemoptysis due to a large endobronchial mass successful regression after the use of high flow nasal cannula. Monaldi Archives for Chest Disease, 2020, 90, .	0.3	0