

# Antonio Molino

## List of Publications by Year in descending order

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92  
papers

4,383  
citations

94381

37  
h-index

110317

64  
g-index

96  
all docs

96  
docs citations

96  
times ranked

6091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subject Preferences and Psychological Implications of Portable Oxygen Concentrator Versus Compressed Oxygen Cylinder in Chronic Lung Disease. <i>Respiratory Care</i> , 2021, 66, 33-40.	0.8	2
2	Aquatic Weeds: A Potential Pollutant Removing Agent from Wastewater and Polluted Soil and Valuable Biofuel Feedstock. <i>Energy, Environment, and Sustainability</i> , 2021, , 59-77.	0.6	1
3	Overview of extraction of astaxanthin from <i>Haematococcus pluvialis</i> using CO <sub>2</sub> supercritical fluid extraction technology vis-a-vis quality demands. , 2021, , 341-354.		7
4	Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. <i>Biomedicines</i> , 2021, 9, 614.	1.4	27
5	Persistent Endothelial Dysfunction in Post-Acute COVID-19 Syndrome: A Case-Control Study. <i>Biomedicines</i> , 2021, 9, 957.	1.4	61
6	Real-Life Effectiveness of Mepolizumab on Forced Expiratory Flow between 25% and 75% of Forced Vital Capacity in Patients with Severe Eosinophilic Asthma. <i>Biomedicines</i> , 2021, 9, 1550.	1.4	11
7	Post-COVID-19 Patients Who Develop Lung Fibrotic-like Changes Have Lower Circulating Levels of IFN- $\hat{I}^2$ but Higher Levels of IL-1 $\hat{I}^{\pm}$ and TGF- $\hat{I}^2$ . <i>Biomedicines</i> , 2021, 9, 1931.	1.4	49
8	Recent developments in supercritical fluid extraction of bioactive compounds from microalgae: Role of key parameters, technological achievements and challenges. <i>Journal of CO<sub>2</sub> Utilization</i> , 2020, 36, 196-209.	3.3	145
9	Supercritical water gasification of biomass and agro-food residues: Energy assessment from modelling approach. <i>Renewable Energy</i> , 2020, 150, 624-636.	4.3	38
10	Effectiveness of <i>Dunaliella salina</i> Extracts against <i>Bacillus subtilis</i> and Bacterial Plant Pathogens. <i>Pathogens</i> , 2020, 9, 613.	1.2	15
11	An Integrated Strategy for Nutraceuticals from <i>Haematococcus pluvialis</i> : From Cultivation to Extraction. <i>Antioxidants</i> , 2020, 9, 825.	2.2	17
12	Smart Method for Carotenoids Characterization in <i>Haematococcus pluvialis</i> Red Phase and Evaluation of Astaxanthin Thermal Stability. <i>Antioxidants</i> , 2020, 9, 422.	2.2	26
13	Bio-based and agriculture resources for production of bioproducts. , 2020, , 263-282.		6
14	Nasal Nitric Oxide in Chronic Rhinosinusitis with or without Nasal Polyps: A Systematic Review with Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 200.	1.0	19
15	Enhancing Biomass and Lutein Production From <i>Scenedesmus almeriensis</i> : Effect of Carbon Dioxide Concentration and Culture Medium Reuse. <i>Frontiers in Plant Science</i> , 2020, 11, 415.	1.7	52
16	Altered lung tissue lipidomic profile in caspase-4 positive non-small cell lung cancer (NSCLC) patients. <i>Oncotarget</i> , 2020, 11, 3515-3525.	0.8	11
17	Metabolomics of Exhaled Breath Condensate by Nuclear Magnetic Resonance Spectroscopy and Mass Spectrometry: A Methodological Approach. <i>Current Medicinal Chemistry</i> , 2020, 27, 2381-2399.	1.2	13
18	Biorefinery for Agro-Industrial Waste Into Value-Added Biopolymers: Production and Applications. <i>Clean Energy Production Technologies</i> , 2020, , 1-19.	0.3	1

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19	Concerning operational aspects in supercritical water gasification of kraft black liquor. <i>Renewable Energy</i> , 2019, 130, 891-901.	4.3	45
20	Selective Extraction of 10-3 Fatty Acids from <i>Nannochloropsis</i> sp. Using Supercritical CO <sub>2</sub> Extraction. <i>Molecules</i> , 2019, 24, 2406.	1.7	44
21	Blood eosinophils as biomarkers of therapeutic response to chronic obstructive pulmonary disease: Still work in progress. <i>European Journal of Internal Medicine</i> , 2019, 68, 1-5.	1.0	8
22	Bench-Scale Cultivation of Microalgae <i>Scenedesmus almeriensis</i> for CO <sub>2</sub> Capture and Lutein Production. <i>Energies</i> , 2019, 12, 2806.	1.6	50
23	The Immune-Modulator Pidotimod Affects the Metabolic Profile of Exhaled Breath Condensate in Bronchiectatic Patients: A Metabolomics Pilot Study. <i>Frontiers in Pharmacology</i> , 2019, 10, 1115.	1.6	7
24	AIM2/IL-1 $\beta$ /TGF- $\beta$ Axis in PBMCs From Exacerbated Chronic Obstructive Pulmonary Disease (COPD) Patients Is Not Related to COX-2-Dependent Inflammatory Pathway. <i>Frontiers in Physiology</i> , 2019, 10, 1235.	1.3	8
25	Biofuel Production and Phosphorus Recovery through an Integrated Treatment of Agro-Industrial Waste. <i>Sustainability</i> , 2019, 11, 52.	1.6	26
26	Hydrogen and Oxygen Evolution in a Membrane Photoreactor Using Suspended Nanosized Au/TiO <sub>2</sub> and Au/CeO <sub>2</sub> . <i>ChemEngineering</i> , 2019, 3, 5.	1.0	8
27	Comparison of three different exhaled nitric oxide analyzers in chronic respiratory disorders. <i>Journal of Breath Research</i> , 2019, 13, 021002.	1.5	16
28	Association between exhaled nitric oxide and nasal polyposis in severe asthma. <i>Respiratory Medicine</i> , 2019, 152, 20-24.	1.3	12
29	Supercritical Fluid Extraction of Lutein from <i>Scenedesmus almeriensis</i> . <i>Molecules</i> , 2019, 24, 1324.	1.7	49
30	Eicosapentaenoic Acid Extraction from <i>Nannochloropsis gaditana</i> using Carbon Dioxide at Supercritical Conditions. <i>Marine Drugs</i> , 2019, 17, 132.	2.2	33
31	Extraction of Bioactive Compounds Using Supercritical Carbon Dioxide. <i>Molecules</i> , 2019, 24, 782.	1.7	31
32	Long-Term Management Policies of Reservoirs: Possible Re-Use of Dredged Sediments for Coastal Nourishment. <i>Water (Switzerland)</i> , 2019, 11, 15.	1.2	32
33	Accessory right V6 behind the bronchus intermedius during VATS right upper lobectomy. <i>International Journal of Surgery Case Reports</i> , 2019, 56, 17-19.	0.2	1
34	AIM2 Inflammasome Activation Leads to IL-1 $\beta$ and TGF- $\beta$ Release From Exacerbated Chronic Obstructive Pulmonary Disease-Derived Peripheral Blood Mononuclear Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 257.	1.6	27
35	Experimental and theoretical investigation on the recovery of green chemicals and energy from mixed agricultural wastes by coupling anaerobic digestion and supercritical water gasification. <i>Chemical Engineering Journal</i> , 2019, 370, 1101-1110.	6.6	20
36	Power Production by Biomass Gasification Technologies. , 2019, , 293-318.		3

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37	Differential diagnosis between newly diagnosed asthma and COPD using exhaled breath condensate metabolomics: a pilot study. <i>European Respiratory Journal</i> , 2018, 51, 1701825.	3.1	42
38	Waste tire recycling process for production of steam activated carbon in a pilot plant. <i>Resources, Conservation and Recycling</i> , 2018, 129, 102-111.	5.3	40
39	Effect of steam-pretreatment combined with hydrogen peroxide on lignocellulosic agricultural wastes for bioethanol production: Analysis of derived sugars and other by-products. <i>Journal of Energy Chemistry</i> , 2018, 27, 535-543.	7.1	47
40	Extraction of Astaxanthin and Lutein from Microalga <i>Haematococcus pluvialis</i> in the Red Phase Using CO <sub>2</sub> Supercritical Fluid Extraction Technology with Ethanol as Co-Solvent. <i>Marine Drugs</i> , 2018, 16, 432.	2.2	105
41	Microalgae Characterization for Consolidated and New Application in Human Food, Animal Feed and Nutraceuticals. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2436.	1.2	155
42	Conversion to thoracotomy during VATS segmentectomy for treatment of symptomatic endobronchial hamartoma. <i>International Journal of Surgery Case Reports</i> , 2018, 51, 272-274.	0.2	2
43	Supercritical Carbon Dioxide Extraction of Astaxanthin, Lutein, and Fatty Acids from <i>Haematococcus pluvialis</i> Microalgae. <i>Marine Drugs</i> , 2018, 16, 334.	2.2	103
44	Patient considerations in the treatment of COPD: focus on the new combination inhaler fluticasone furoate/umeclidinium/vilanterol. <i>Patient Preference and Adherence</i> , 2018, Volume 12, 993-1001.	0.8	5
45	Advances in biopolymer-based membrane preparation and applications. <i>Journal of Membrane Science</i> , 2018, 564, 562-586.	4.1	255
46	Activation of the Absent in Melanoma 2 Inflammasome in Peripheral Blood Mononuclear Cells From Idiopathic Pulmonary Fibrosis Patients Leads to the Release of Pro-Fibrotic Mediators. <i>Frontiers in Immunology</i> , 2018, 9, 670.	2.2	31
47	Biofuels Production by Biomass Gasification: A Review. <i>Energies</i> , 2018, 11, 811.	1.6	281
48	The impact of cold on the respiratory tract and its consequences to respiratory health. <i>Clinical and Translational Allergy</i> , 2018, 8, 20.	1.4	97
49	Extraction of astaxanthin from microalga <i>Haematococcus pluvialis</i> in red phase by using generally recognized as safe solvents and accelerated extraction. <i>Journal of Biotechnology</i> , 2018, 283, 51-61.	1.9	126
50	Circulating and tumor-associated caspase-4: a novel diagnostic and prognostic biomarker for non-small cell lung cancer. <i>Oncotarget</i> , 2018, 9, 19356-19367.	0.8	17
51	Description of a new rare alpha-1 antitrypsin mutation in Naples (Italy): PI*M S-Napoli. <i>Annals of Thoracic Medicine</i> , 2018, 13, 59.	0.7	4
52	Phenotyping asthma patients in the ED: 6 months experience in Naples. , 2018, , .		0
53	Constitutive high expression of protein arginine methyltransferase 1 in asthmatic airway smooth muscle cells is caused by reduced microRNA-19a expression and leads to enhanced remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 510-524.e3.	1.5	44
54	Anticholinergic drugs in asthma therapy. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 103-108.	1.2	10

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55	Long-term effect of weight loss induced by bariatric surgery on asthma control and health related quality of life in asthmatic patients with severe obesity: A pilot study. <i>Respiratory Medicine</i> , 2017, 130, 69-74.	1.3	22
56	Enhancing the recovery of gypsum in limestone-based wet flue gas desulfurization with high energy ball milling process: A feasibility study. <i>Chemical Engineering Research and Design</i> , 2017, 109, 117-129.	2.7	23
57	Thunderstorm-related asthma attacks. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1786-1787.	1.5	49
58	Municipal waste leachate conversion via catalytic supercritical water gasification process. <i>Fuel</i> , 2017, 206, 155-161.	3.4	44
59	Management of Bradyarrhythmias in Heart Failure: A Tailored Approach. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1067, 255-269.	0.8	2
60	Geopolymer Composites for Potential Applications in Cultural Heritage. <i>Environments - MDPI</i> , 2017, 4, 91.	1.5	34
61	Chronic Obstructive Pulmonary Disease-Derived Circulating Cells Release IL-18 and IL-33 under Ultrafine Particulate Matter Exposure in a Caspase-1/8-Independent Manner. <i>Frontiers in Immunology</i> , 2017, 8, 1415.	2.2	42
62	Effects of combination therapy indacaterol/glycopyrronium versus tiotropium on moderate to severe COPD: evaluation of impulse oscillometry and exacerbation rate. <i>Multidisciplinary Respiratory Medicine</i> , 2017, 12, 25.	0.6	12
63	Role of the inflammasome in chronic obstructive pulmonary disease (COPD). <i>Oncotarget</i> , 2017, 8, 81813-81824.	0.8	72
64	Effect of ultrafine particle matter on human peripheral blood mononuclear cells of chronic obstructive pulmonary disease patients: involvement of the inflammasome. , 2017, , .		0
65	Combined Pulmonary Fibrosis and Emphysema (CPFE): correlation between TC parameters and functional decline. , 2017, , .		0
66	Open label case-control study to assess Pidotimod efficacy in Non CF Bronchiectasis Disease: a pilot study. , 2017, , .		1
67	Fractional exhaled nitric oxide-measuring devices: technology update. <i>Medical Devices: Evidence and Research</i> , 2016, 9, 151.	0.4	42
68	Climate Change and Air Pollution: Effects on Respiratory Allergy. <i>Allergy, Asthma and Immunology Research</i> , 2016, 8, 391.	1.1	146
69	Impact of Continuous Positive Airway Pressure Therapy on Atrial Electromechanical Delay in Obesityâ€Hypoventilation Syndrome Patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 327-334.	0.8	22
70	MDCT evaluation of acute aortic syndrome (AAS). <i>British Journal of Radiology</i> , 2016, 89, 20150825.	1.0	40
71	Thunderstormâ€related asthma: what happens and why. <i>Clinical and Experimental Allergy</i> , 2016, 46, 390-396.	1.4	124
72	Experimental investigations of hydrogen production from CO catalytic conversion of tar rich syngas by biomass gasification. <i>Catalysis Today</i> , 2016, 277, 182-191.	2.2	51

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73	Improving the enzymatic hydrolysis of <i>Saccharum officinarum</i> L. bagasse by optimizing mixing in a stirred tank reactor: Quantitative analysis of biomass conversion. <i>Fuel Processing Technology</i> , 2016, 149, 15-22.	3.7	17
74	Right ventricular strain: An independent predictor of survival in idiopathic pulmonary fibrosis. <i>International Journal of Cardiology</i> , 2016, 222, 908-910.	0.8	32
75	Asthma-related deaths. <i>Multidisciplinary Respiratory Medicine</i> , 2016, 11, 37.	0.6	100
76	Diagnostic yield and safety of C-TBNA in elderly patients with lung cancer. <i>Open Medicine (Poland)</i> , 2016, 11, 477-481.	0.6	8
77	Climate change, air pollution, and allergic respiratory diseases: an update. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016, 16, 434-440.	1.1	81
78	PDGF-BB induces PRMT1 expression through ERK1/2 dependent STAT1 activation and regulates remodeling in primary human lung fibroblasts. <i>Cellular Signalling</i> , 2016, 28, 307-315.	1.7	54
79	Biomass gasification technology: The state of the art overview. <i>Journal of Energy Chemistry</i> , 2016, 25, 10-25.	7.1	641
80	Effect of dual bronchodilation with indacaterol/glycopyrronium on small airways resistance in patients with stable COPD. , 2016, , .		1
81	Effects on asthma and respiratory allergy of Climate change and air pollution. <i>Multidisciplinary Respiratory Medicine</i> , 2015, 10, 39.	0.6	92
82	Extended analysis of exhaled and nasal nitric oxide for the evaluation of chronic cough. <i>Respiratory Medicine</i> , 2015, 109, 970-974.	1.3	35
83	Hydrogen from the high temperature water gas shift reaction with an industrial Fe/Cr catalyst using biomass gasification tar rich synthesis gas. <i>Fuel Processing Technology</i> , 2015, 132, 39-48.	3.7	72
84	Venous thromboembolism and lung cancer: a review. <i>Multidisciplinary Respiratory Medicine</i> , 2015, 10, 28.	0.6	56
85	Impact of continuous positive airway pressure therapy on atrial electromechanical delay in obesity-hypoventilation syndrome patients. , 2015, , .		0
86	Impact of bronchiectasis on duration of hospitalization in patients with exacerbations of COPD. , 2015, , .		2
87	Treating severe allergic asthma with anti-IgE monoclonal antibody (omalizumab): a review. <i>Multidisciplinary Respiratory Medicine</i> , 2014, 9, 23.	0.6	62
88	Far field R-wave sensing in Myotonic Dystrophy type 1: right atrial appendage versus Bachmann's bundle region lead placement. <i>Acta Myologica</i> , 2014, 33, 94-9.	1.5	11
89	Gasification of Granulated Scrap Tires for the Production of Syngas and a Low-Cost Adsorbent for Cd(II) Removal from Wastewaters. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 12154-12160.	1.8	49
90	Efficacy and Tolerability of Azithromycin versus Amoxicillin/Clavulanic Acid in Acute Purulent Exacerbation of Chronic Bronchitis. <i>Journal of Chemotherapy</i> , 1995, 7, 146-152.	0.7	37

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91	Nimesulide in the Treatment of Chronic Bronchitis. <i>Drugs</i> , 1993, 46, 111-114.	4.9	4
92	Activation of the AIM2 Receptor in Circulating Cells of Post-COVID-19 Patients With Signs of Lung Fibrosis Is Associated With the Release of IL-1 $\beta$ , IFN- $\gamma$ and TGF- $\beta$ 2. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10