Mirella Profita

List of Publications by Year
in descending order

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79 papers	3,305 citations	117571 34 h-index	155592 55 g-index
81 all docs	81 docs citations	81 times ranked	4101 citing authors

#	Article	IF	Citations
1	Evaluation of apoptosis of eosinophils, macrophages, and T lymphocytes in mucosal biopsy specimens of patients with asthma and chronic bronchitis. Journal of Allergy and Clinical Immunology, 1999, 103, 563-573.	1.5	178
2	Increased Levels of Elastase and Î±₁-Antitrypsin in Sputum of Asthmatic Patients. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 505-511.	2.5	135
3	Muscarinic receptors, leukotriene B4 production and neutrophilic inflammation in COPD patients. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 1361-1369.	2.7	133
4	Frequent exacerbators â€“ a distinct phenotype of severe asthma. Clinical and Experimental Allergy, 2014, 44, 212-221.	1.4	132
5	Identification of IL-17F/frequent exacerbator endotype in asthma. Journal of Allergy and Clinical Immunology, 2017, 140, 395-406.	1.5	118
6	Effect of cilomilast (Ariflo) on TNF-Â, IL-8, and GM-CSF release by airway cells of patients with COPD. Thorax, 2003, 58, 573-579.	2.7	111
7	Acetylcholine mediates the release of IL-8 in human bronchial epithelial cells by a NFkB/ERK-dependent mechanism. European Journal of Pharmacology, 2008, 582, 145-153.	1.7	110
8	Increased prostaglandin E2 concentrations and cyclooxygenase-2 expression in asthmatic subjects with sputum eosinophilia. Journal of Allergy and Clinical Immunology, 2003, 112, 709-716.	1.5	107
9	Leptin and leptin receptor expression in asthma. Journal of Allergy and Clinical Immunology, 2009, 124, 230-237.e4.	1.5	107
10	Increased airway inflammatory cells in endurance athletes: what do they mean?. Clinical and Experimental Allergy, 2003, 33, 14-21.	1.4	85
11	Supramaximal exercise mobilizes hematopoietic progenitors and reticulocytes in athletes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1496-R1503.	0.9	81
12	IL-33/ST2 axis controls Th2/IL-31 and Th17 immune response in allergic airway diseases. Immunobiology, 2015, 220, 954-963.	0.8	81
13	Chronic obstructive pulmonary disease and neutrophil infiltration: role of cigarette smoke and cyclooxygenase products. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L261-L269.	1.3	79
14	Interleukin-8 Induces Lymphocyte Chemotaxis into the Pleural Space. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1592-1599.	2.5	78
15	Bronchial epithelial damage after a half-marathon in nonasthmatic amateur runners. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L857-L862.	1.3	70
16	Smoke, Choline Acetyltransferase, Muscarinic Receptors, and Fibroblast Proliferation in Chronic Obstructive Pulmonary Disease. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 753-763.	1.3	63
17	Noninvasive methods for the detection of upper and lower airway inflammation in atopic children. Journal of Allergy and Clinical Immunology, 2006, 118, 1068-1074.	1.5	62
18	Cytotoxic and genotoxic effects of the flame retardants (PBDE-47, PBDE-99 and PBDE-209) in human bronchial epithelial cells. Chemosphere, 2020, 245, 125600.	4.2	56

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19	Urinary leukotriene E4 in the assessment of nocturnal asthmaâ€. Journal of Allergy and Clinical Immunology, 1996, 97, 735-741.	1.5	53
20	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
21	Effects of Exercise Training and Montelukast in Children with Mild Asthma. Medicine and Science in Sports and Exercise, 2008, 40, 405-412.	0.2	51
22	Biochemical interaction between effects of beclomethasone dipropionate and salbutamol or formoterol in sputum cells from mild to moderate asthmatics. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 323-329.	2.7	50
23	Î²2 long-acting and anticholinergic drugs control TGF-Î²1-mediated neutrophilic inflammation in COPD. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1079-1089.	1.8	47
24	25-Hydroxyvitamin D, IL-31, and IL-33 in Children with Allergic Disease of the Airways. Mediators of Inflammation, 2014, 2014, 1-10.	1.4	46
25	IÎºB kinaseâ€“driven nuclear factor-ÎºB activation in patients with asthma and chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2011, 128, 635-645.e2.	1.5	45
26	Effect of age and asthma duration upon elastase and Î±1-antitrypsin levels in adult asthmatics. European Respiratory Journal, 2003, 22, 795-801.	3.1	42
27	LTB4 is present in exudative pleural effusions and contributes actively to neutrophil recruitment in the inflamed pleural space. Clinical and Experimental Immunology, 2004, 135, 519-527.	1.1	40
28	Nonâ€invasive markers of airway inflammation and remodeling in childhood asthma. Pediatric Allergy and Immunology, 2009, 20, 780-790.	1.1	40
29	Cigarette smoke extract activates human bronchial epithelial cells affecting non-neuronal cholinergic system signalling in vitro. Life Sciences, 2011, 89, 36-43.	2.0	40
30	Cigarette smoke affects IL-17A, IL-17F and IL-17 receptor expression in the lung tissue: Ex vivo and in vitro studies. Cytokine, 2015, 76, 391-402.	1.4	39
31	Th17 Immunity in Children with Allergic Asthma and Rhinitis: A Pharmacological Approach. PLoS ONE, 2013, 8, e58892.	1.1	38
32	Biologically Active Intercellular Adhesion Molecule-1 Is Shed as Dimers by a Regulated Mechanism in the Inflamed Pleural Space. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1131-1138.	2.5	37
33	Reduced <scp>IL</scp>â€33 plasma levels in multiple myeloma patients are associated with more advanced stage of disease. British Journal of Haematology, 2013, 160, 709-710.	1.2	37
34	Effect of High, Medium, and Low Molecular Weight Hyaluronan on Inflammation and Oxidative Stress in anIn VitroModel of Human Nasal Epithelial Cells. Mediators of Inflammation, 2016, 2016, 1-13.	1.4	37
35	Urinary metabolites of histamine and leukotrienes before and after placebo-controlled challenge with ASA and food additives in chronic urticaria patients. Allergy: European Journal of Allergy and Clinical Immunology, 2002, 57, 1180-1186.	2.7	33
36	Phenotypic and Functional Characterization of Normal Rat Pleural Macrophages in Comparison with Autologous Peritoneal and Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 135-142.	1.4	32

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37	Effects of gemcitabine on cell proliferation and apoptosis in non-small-cell lung cancer (NSCLC) cell lines. Cancer Chemotherapy and Pharmacology, 2000, 46, 467-476.	1.1	32
38	Fluticasone induces apoptosis in peripheral T-lymphocytes: a comparison between asthmatic and normal subjects. European Respiratory Journal, 2002, 19, 257-266.	3.1	32
39	Role of prostaglandin E2 in the invasiveness, growth and protection of cancer cells in malignant pleuritis. European Journal of Cancer, 2006, 42, 2382-2389.	1.3	32
40	Leukotriene B4Production in Human Mononuclear Phagocytes Is Modulated by Interleukin-4-Induced 15-Lipoxygenase. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 868-875.	1.3	29
41	Airway lipoxin A4/formyl peptide receptor 2â€“lipoxin receptor levels in pediatric patients with severe asthma. Journal of Allergy and Clinical Immunology, 2016, 137, 1796-1806.	1.5	29
42	Airway Cell Composition at Rest and after an All-out Test in Competitive Rowers. Medicine and Science in Sports and Exercise, 2004, 36, 1723-1729.	0.2	28
43	Cysteinyl Leukotriene-1 Receptor Activation in a Human Bronchial Epithelial Cell Line Leads to Signal Transducer and Activator of Transcription 1-Mediated Eosinophil Adhesion. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 1024-1030.	1.3	28
44	The Role of Transforming Growth Factor-Î²1 in Airway Inflammation of Childhood Asthma. International Journal of Immunopathology and Pharmacology, 2013, 26, 725-738.	1.0	28
45	Neutrophil airway influx by platelet-activating factor in asthma: role of adhesion molecules and LTB4 expression. European Respiratory Journal, 2003, 22, 290-297.	3.1	27
46	Increased levels of Th17 cells are associated with non-neuronal acetylcholine in COPD patients. Immunobiology, 2014, 219, 392-401.	0.8	26
47	In vitro effects of flunisolide on MMP-9, TIMP-1, fibronectin, TGF-beta1 release and apoptosis in sputum cells freshly isolated from mild to moderate asthmatics. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 927-932.	2.7	25
48	IL-17A induces chromatin remodeling promoting IL-8 release in bronchial epithelial cells: Effect of Tiotropium. Life Sciences, 2016, 152, 107-116.	2.0	25
49	Effects of low doses of inhaled fluticasone propionate on inflammation and remodelling in persistent-mild asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 1511-1517.	2.7	24
50	Reduced Airway Responsiveness in Nonelite Runners. Medicine and Science in Sports and Exercise, 2005, 37, 2019-2025.	0.2	23
51	Acetylcholine leads to signal transducer and activator of transcription 1 (STAT-1) mediated oxidative/nitrosative stress in human bronchial epithelial cell line. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1949-1958.	1.8	22
52	Can PBDEs affect the pathophysiologic complex of epithelium in lung diseases?. Chemosphere, 2020, 241, 125087.	4.2	22
53	Beclomethasone dipropionate and formoterol reduce oxidative/nitrosative stress generated by cigarette smoke extracts and IL-17A in human bronchial epithelial cells. European Journal of Pharmacology, 2013, 718, 418-427.	1.7	21
54	IL-13 desensitizes Î²2-adrenergic receptors in human airway epithelial cells through a 15-lipoxygenase/G protein receptor kinase 2 mechanism. Journal of Allergy and Clinical Immunology, 2015, 135, 1144-1153.e9.	1.5	21

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55	Prostaglandin E2 possesses different potencies in inducing Vascular Endothelial Growth Factor and Interleukin-8 production in COPD human lung fibroblasts. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 106, 11-18.	1.0	21
56	Novel Perspectives in the Detection of Oral and Nasal Oxidative Stress and Inflammation in Pediatric United Airway Diseases. International Journal of Immunopathology and Pharmacology, 2010, 23, 1211-1219.	1.0	20
57	Advances in asthma pathophysiology: stepping forward from the Maurizio Vignola experience. European Respiratory Review, 2015, 24, 30-39.	3.0	20
58	ILâ€33/ILâ€31 axis: A new pathological mechanisms for EGFR tyrosine kinase inhibitorsâ€associated skin toxicity. Journal of Cellular Biochemistry, 2013, 114, 2673-2676.	1.2	19
59	Pleural Mesothelial Cells Express Both BLT2 and PPARÎ± and Mount an Integrated Response to Pleural Leukotriene B4. Journal of Immunology, 2008, 181, 7292-7299.	0.4	15
60	Gemcitabine sensitizes lung cancer cells to Fas/FasL systemâ€mediated killing. Immunology, 2014, 141, 242-255.	2.0	15
61	IL-17A-associated IKK-Î± signaling induced TSLP production in epithelial cells of COPD patients. Experimental and Molecular Medicine, 2018, 50, 1-12.	3.2	15
62	Crosstalk between mAChRM3 and Î²2AR, via acetylcholine PI3/PKC/PBEP1/Raf-1 MEK1/2/ERK1/2 pathway activation, in human bronchial epithelial cells after long-term cigarette smoke exposure. Life Sciences, 2018, 192, 99-109.	2.0	14
63	Autocrine Acetylcholine, Induced by IL-17A via NFÎºB and ERK1/2 Pathway Activation, Promotes MUC5AC and IL-8 Synthesis in Bronchial Epithelial Cells. Mediators of Inflammation, 2016, 2016, 1-16.	1.4	13
64	Cigarette smoke and nonâ€neuronal cholinergic system in the airway epithelium of COPD patients. Journal of Cellular Physiology, 2018, 233, 5856-5868.	2.0	13
65	Cigarette smoke affects the onco-suppressor DAB2IP expression in bronchial epithelial cells of COPD patients. Scientific Reports, 2019, 9, 15682.	1.6	13
66	Effect of Nebulized Beclomethasone on Airway Inflammation and Clinical Status of Children with Allergic Asthma and Rhinitis: A Randomized, Double-Blind, Placebo-Controlled Study. International Archives of Allergy and Immunology, 2013, 161, 53-64.	0.9	12
67	Cigarette smoke alters non-neuronal cholinergic system components inducing MUC5AC production in the H292 cell line. European Journal of Pharmacology, 2014, 736, 35-43.	1.7	12
68	Increased leptin/leptin receptor pathway affects systemic and airway inflammation in COPD former smokers. Journal of Inflammation Research, 2011, 4, 51.	1.6	11
69	Decreased Plasma Levels of IL-33 Could Contribute to the Altered Function of Th2 Lymphocytes in Patients with Polycythemia Vera and Essential Thrombocythemia. Cancer Investigation, 2013, 31, 212-213.	0.6	11
70	Reduction in IL-33 Plasma Levels Might Be Involved in T Cell Dysregulation in Chronic Lymphocytic Leukemia. Acta Haematologica, 2014, 131, 165-166.	0.7	10
71	Elevated expression of prostaglandin receptor and increased release of prostaglandin E2maintain the survival of CD45RO+T cells in the inflamed human pleural space. Immunology, 2007, 121, 427-436.	2.0	9
72	IL-4 and IgEâ€“anti-IgE modulation of 15(S)-hydroxyeicosatetraenoic acid release by mononuclear phagocytes. Journal of Allergy and Clinical Immunology, 1999, 103, 159-164.	1.5	6

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73	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
74	Plasma leptin and vascular endothelial growth factor (VEGF) in normal subjects at high altitude (5050â€‰m). Archives of Physiology and Biochemistry, 2013, 119, 219-224.	1.0	3
75	Cadmium and Cadmium/BDE (47 or 209) Exposure Affect Mitochondrial Function, DNA Damage/Repair Mechanisms and Barrier Integrity in Airway Epithelial Cells. Atmosphere, 2022, 13, 201.	1.0	3
76	A 3D â€œIn Vitroâ€•Model to Study Hyaluronan Effect in Nasal Epithelial Cell Line Exposed to Double-Stranded RNA Poly(I:C). Biomolecules and Therapeutics, 2020, 28, 272-281.	1.1	1
77	Expression/Activation of PAR-1 in Airway Epithelial Cells of COPD Patients: Ex Vivo/In Vitro Study. International Journal of Molecular Sciences, 2021, 22, 10703.	1.8	0
78	Cigarette smoke alters the EZH2/DAB2IP expression in bronchial epithelial cells. A risk factor for lung cancer in COPD patients. , 2016, , .		0
79	Cigarette smoke alters primary human bronchial epithelial cell (PBEC) differentiation at air-liquid interface (ALI) and induces expression of CD105 and CD146. , 2016, , .		0