

Mirella Profita

List of Publications by Year in descending order

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79
papers

3,305
citations

117625

34
h-index

155660

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. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 563-573.	2.9	178
2	Increased Levels of Elastase and α_1 -Antitrypsin in Sputum of Asthmatic Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 157, 505-511.	5.6	135
3	Muscarinic receptors, leukotriene B ₄ production and neutrophilic inflammation in COPD patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1361-1369.	5.7	133
4	Frequent exacerbators "a distinct phenotype of severe asthma. <i>Clinical and Experimental Allergy</i> , 2014, 44, 212-221.	2.9	132
5	Identification of IL-17F/frequent exacerbator endotype in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 395-406.	2.9	118
6	Effect of cilomilast (Ariflo) on TNF- α , IL-8, and GM-CSF release by airway cells of patients with COPD. <i>Thorax</i> , 2003, 58, 573-579.	5.6	111
7	Acetylcholine mediates the release of IL-8 in human bronchial epithelial cells by a NF κ B/ERK-dependent mechanism. <i>European Journal of Pharmacology</i> , 2008, 582, 145-153.	3.5	110
8	Increased prostaglandin E2 concentrations and cyclooxygenase-2 expression in asthmatic subjects with sputum eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 709-716.	2.9	107
9	Leptin and leptin receptor expression in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 230-237.e4.	2.9	107
10	Increased airway inflammatory cells in endurance athletes: what do they mean?. <i>Clinical and Experimental Allergy</i> , 2003, 33, 14-21.	2.9	85
11	Supramaximal exercise mobilizes hematopoietic progenitors and reticulocytes in athletes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1496-R1503.	1.8	81
12	IL-33/ST2 axis controls Th2/IL-31 and Th17 immune response in allergic airway diseases. <i>Immunobiology</i> , 2015, 220, 954-963.	1.9	81
13	Chronic obstructive pulmonary disease and neutrophil infiltration: role of cigarette smoke and cyclooxygenase products. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L261-L269.	2.9	79
14	Interleukin-8 Induces Lymphocyte Chemotaxis into the Pleural Space. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 159, 1592-1599.	5.6	78
15	Bronchial epithelial damage after a half-marathon in nonasthmatic amateur runners. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L857-L862.	2.9	70
16	Smoke, Choline Acetyltransferase, Muscarinic Receptors, and Fibroblast Proliferation in Chronic Obstructive Pulmonary Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 753-763.	2.5	63
17	Noninvasive methods for the detection of upper and lower airway inflammation in atopic children. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1068-1074.	2.9	62
18	Cytotoxic and genotoxic effects of the flame retardants (PBDE-47, PBDE-99 and PBDE-209) in human bronchial epithelial cells. <i>Chemosphere</i> , 2020, 245, 125600.	8.2	56

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19	Urinary leukotriene E4 in the assessment of nocturnal asthma. Journal of Allergy and Clinical Immunology, 1996, 97, 735-741.	2.9	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.	5.7	52
21	Effects of Exercise Training and Montelukast in Children with Mild Asthma. Medicine and Science in Sports and Exercise, 2008, 40, 405-412.	0.4	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.	5.7	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.	3.8	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.	3.0	46
25	Î²B kinase-driven nuclear factor-Î²B activation in patients with asthma and chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2011, 128, 635-645.e2.	2.9	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.	6.7	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.	2.6	40
28	Non-invasive markers of airway inflammation and remodeling in childhood asthma. Pediatric Allergy and Immunology, 2009, 20, 780-790.	2.6	40
29	Cigarette smoke extract activates human bronchial epithelial cells affecting non-neuronal cholinergic system signalling in vitro. Life Sciences, 2011, 89, 36-43.	4.3	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.	3.2	39
31	Th17 Immunity in Children with Allergic Asthma and Rhinitis: A Pharmacological Approach. PLoS ONE, 2013, 8, e58892.	2.5	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.	5.6	37
33	Reduced IL-33 plasma levels in multiple myeloma patients are associated with more advanced stage of disease. British Journal of Haematology, 2013, 160, 709-710.	2.5	37
34	Effect of High, Medium, and Low Molecular Weight Hyaluronan on Inflammation and Oxidative Stress in an In Vitro Model of Human Nasal Epithelial Cells. Mediators of Inflammation, 2016, 2016, 1-13.	3.0	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.	5.7	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.	2.9	32

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37	Effects of gemcitabine on cell proliferation and apoptosis in non-small-cell lung cancer (NSCLC) cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 46, 467-476.	2.3	32
38	Fluticasone induces apoptosis in peripheral T-lymphocytes: a comparison between asthmatic and normal subjects. <i>European Respiratory Journal</i> , 2002, 19, 257-266.	6.7	32
39	Role of prostaglandin E2 in the invasiveness, growth and protection of cancer cells in malignant pleuritis. <i>European Journal of Cancer</i> , 2006, 42, 2382-2389.	2.8	32
40	Leukotriene B4 Production in Human Mononuclear Phagocytes Is Modulated by Interleukin-4-Induced 15-Lipoxygenase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 868-875.	2.5	29
41	Airway lipoxin A4/formyl peptide receptor 2 lipoxin receptor levels in pediatric patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1796-1806.	2.9	29
42	Airway Cell Composition at Rest and after an All-out Test in Competitive Rowers. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1723-1729.	0.4	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 1024-1030.	2.5	28
44	The Role of Transforming Growth Factor- β 21 in Airway Inflammation of Childhood Asthma. <i>International Journal of Immunopathology and Pharmacology</i> , 2013, 26, 725-738.	2.1	28
45	Neutrophil airway influx by platelet-activating factor in asthma: role of adhesion molecules and LTB4 expression. <i>European Respiratory Journal</i> , 2003, 22, 290-297.	6.7	27
46	Increased levels of Th17 cells are associated with non-neuronal acetylcholine in COPD patients. <i>Immunobiology</i> , 2014, 219, 392-401.	1.9	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. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 927-932.	5.7	25
48	IL-17A induces chromatin remodeling promoting IL-8 release in bronchial epithelial cells: Effect of Tiotropium. <i>Life Sciences</i> , 2016, 152, 107-116.	4.3	25
49	Effects of low doses of inhaled fluticasone propionate on inflammation and remodelling in persistent mild asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1511-1517.	5.7	24
50	Reduced Airway Responsiveness in Nonelite Runners. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2019-2025.	0.4	23
51	Acetylcholine leads to signal transducer and activator of transcription 1 (STAT-1) mediated oxidative/nitrosative stress in human bronchial epithelial cell line. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1949-1958.	3.8	22
52	Can PBDEs affect the pathophysiological complex of epithelium in lung diseases?. <i>Chemosphere</i> , 2020, 241, 125087.	8.2	22
53	Beclomethasone dipropionate and formoterol reduce oxidative/nitrosative stress generated by cigarette smoke extracts and IL-17A in human bronchial epithelial cells. <i>European Journal of Pharmacology</i> , 2013, 718, 418-427.	3.5	21
54	IL-13 desensitizes β 2-adrenergic receptors in human airway epithelial cells through a 15-lipoxygenase/G protein receptor kinase 2 mechanism. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1144-1153.e9.	2.9	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. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 106, 11-18.	2.2	21
56	Novel Perspectives in the Detection of Oral and Nasal Oxidative Stress and Inflammation in Pediatric United Airway Diseases. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 1211-1219.	2.1	20
57	Advances in asthma pathophysiology: stepping forward from the Maurizio Vignola experience. <i>European Respiratory Review</i> , 2015, 24, 30-39.	7.1	20
58	IL-33/IL-31 axis: A new pathological mechanisms for EGFR tyrosine kinase inhibitors-associated skin toxicity. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2673-2676.	2.6	19
59	Pleural Mesothelial Cells Express Both BLT2 and PPAR α and Mount an Integrated Response to Pleural Leukotriene B4. <i>Journal of Immunology</i> , 2008, 181, 7292-7299.	0.8	15
60	Gemcitabine sensitizes lung cancer cells to Fas/FasL system-mediated killing. <i>Immunology</i> , 2014, 141, 242-255.	4.4	15
61	IL-17A-associated IKK signaling induced TSLP production in epithelial cells of COPD patients. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	15
62	Crosstalk between mAChRM3 and β 2AR, via acetylcholine PI3/PKC/PBEP1/Raf-1 MEK1/2/ERK1/2 pathway activation, in human bronchial epithelial cells after long-term cigarette smoke exposure. <i>Life Sciences</i> , 2018, 192, 99-109.	4.3	14
63	Autocrine Acetylcholine, Induced by IL-17A via NF κ B and ERK1/2 Pathway Activation, Promotes MUC5AC and IL-8 Synthesis in Bronchial Epithelial Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-16.	3.0	13
64	Cigarette smoke and non-neuronal cholinergic system in the airway epithelium of COPD patients. <i>Journal of Cellular Physiology</i> , 2018, 233, 5856-5868.	4.1	13
65	Cigarette smoke affects the onco-suppressor DAB2IP expression in bronchial epithelial cells of COPD patients. <i>Scientific Reports</i> , 2019, 9, 15682.	3.3	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. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 53-64.	2.1	12
67	Cigarette smoke alters non-neuronal cholinergic system components inducing MUC5AC production in the H292 cell line. <i>European Journal of Pharmacology</i> , 2014, 736, 35-43.	3.5	12
68	Increased leptin/leptin receptor pathway affects systemic and airway inflammation in COPD former smokers. <i>Journal of Inflammation Research</i> , 2011, 4, 51.	3.5	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. <i>Cancer Investigation</i> , 2013, 31, 212-213.	1.3	11
70	Reduction in IL-33 Plasma Levels Might Be Involved in T Cell Dysregulation in Chronic Lymphocytic Leukemia. <i>Acta Haematologica</i> , 2014, 131, 165-166.	1.4	10
71	Elevated expression of prostaglandin receptor and increased release of prostaglandin E2 maintain the survival of CD45RO+T cells in the inflamed human pleural space. <i>Immunology</i> , 2007, 121, 427-436.	4.4	9
72	IL-4 and IgE-anti-IgE modulation of 15(S)-hydroxyeicosatetraenoic acid release by mononuclear phagocytes. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 159-164.	2.9	6

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73	Muscarinic receptor M3 contributes to vascular and neural growth factor up-regulation in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 717-720.	5.7	5
74	Plasma leptin and vascular endothelial growth factor (VEGF) in normal subjects at high altitude (5050m). <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 219-224.	2.1	3
75	Cadmium and Cadmium/BDE (47 or 209) Exposure Affect Mitochondrial Function, DNA Damage/Repair Mechanisms and Barrier Integrity in Airway Epithelial Cells. <i>Atmosphere</i> , 2022, 13, 201.	2.3	3
76	A 3D <i>In Vitro</i> Model to Study Hyaluronan Effect in Nasal Epithelial Cell Line Exposed to Double-Stranded RNA Poly(I:C). <i>Biomolecules and Therapeutics</i> , 2020, 28, 272-281.	2.4	1
77	Expression/Activation of PAR-1 in Airway Epithelial Cells of COPD Patients: Ex Vivo/In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10703.	4.1	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