Anna Bonanno

List of Publications by Year
in descending order

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61 papers	2,714 citations	126858 33 h-index	182361 51 g-index
63 all docs	63 docs citations	63 times ranked	3166 citing authors

#	Article	IF	Citations
1	Catecholamines and Blood Pressure in Obstructive Sleep Apnea Syndrome. Chest, 1993, 103, 722-727.	0.4	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	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
5	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
6	Circulating hematopoietic progenitor cells in runners. Journal of Applied Physiology, 2002, 93, 1691-1697.	1.2	98
7	Airway inflammation in nonasthmatic amateur runners. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L668-L676.	1.3	91
8	Increased airway inflammatory cells in endurance athletes: what do they mean?. Clinical and Experimental Allergy, 2003, 33, 14-21.	1.4	85
9	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
10	IL-33/ST2 axis controls Th2/IL-31 and Th17 immune response in allergic airway diseases. Immunobiology, 2015, 220, 954-963.	0.8	81
11	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
12	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
13	Endurance Training Damages Small Airway Epithelium in Mice. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 442-449.	2.5	68
14	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
15	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
16	Hemopoietic and angiogenetic progenitors in healthy athletes: different responses to endurance and maximal exercise. Journal of Applied Physiology, 2010, 109, 60-67.	1.2	58
17	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
18	Urinary leukotriene E4 in the assessment of nocturnal asthmaâ€. Journal of Allergy and Clinical Immunology, 1996, 97, 735-741.	1.5	53

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19	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
20	Airway Cells after Swimming Outdoors or in the Sea in Nonasthmatic Athletes. Medicine and Science in Sports and Exercise, 2003, 35, 1146-1152.	0.2	50
21	15-Lipoxygenase expression and 15(S)-hydroxyeicoisatetraenoic acid release and reincorporation in induced sputum of asthmatic subjects. Journal of Allergy and Clinical Immunology, 2000, 105, 711-716.	1.5	48
22	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
23	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
24	ÎºB 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
25	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
26	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
27	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
28	Environmental conditions, air pollutants, and airway cells in runners: A longitudinal field study. Journal of Sports Sciences, 2009, 27, 925-935.	1.0	38
29	Th17 Immunity in Children with Allergic Asthma and Rhinitis: A Pharmacological Approach. PLoS ONE, 2013, 8, e58892.	1.1	38
30	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
31	Blood Pressure Changes After Automatic and Fixed CPAP in Obstructive Sleep Apnea: Relationship with Nocturnal Sympathetic Activity. Clinical and Experimental Hypertension, 2011, 33, 373-380.	0.5	37
32	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
33	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
34	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
35	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
36	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

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37	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
38	Increased levels of Th17 cells are associated with non-neuronal acetylcholine in COPD patients. Immunobiology, 2014, 219, 392-401.	0.8	26
39	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
40	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
41	Reduced Airway Responsiveness in Nonelite Runners. Medicine and Science in Sports and Exercise, 2005, 37, 2019-2025.	0.2	23
42	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
43	Can PBDEs affect the pathophysiologic complex of epithelium in lung diseases?. Chemosphere, 2020, 241, 125087.	4.2	22
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Increased leptin/leptin receptor pathway affects systemic and airway inflammation in COPD former smokers. Journal of Inflammation Research, 2011, 4, 51.	1.6	11
54	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

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55	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
56	Effect of body weight on the volume of distribution of theophylline. Lung, 1988, 166, 269-276.	1.4	7
57	Relaxin in Obstructive Sleep Apnea: Relationship with Blood Pressure and Inflammatory Mediators. Respiration, 2016, 91, 56-62.	1.2	6
58	Theophylline Pharmacokinetics After Intramuscular Administration. Journal of Asthma, 1990, 27, 165-169.	0.9	3
59	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
60	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
61	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