

# 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	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.	1.0	3
2	Can PBDEs affect the pathophysiologic complex of epithelium in lung diseases?. <i>Chemosphere</i> , 2020, 241, 125087.	4.2	22
3	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.	4.2	56
4	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.	1.1	1
5	Crosstalk between mAChRM3 and $\beta_2$ AR, 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.	2.0	14
6	Cigarette smoke and non-neuronal cholinergic system in the airway epithelium of COPD patients. <i>Journal of Cellular Physiology</i> , 2018, 233, 5856-5868.	2.0	13
7	IL-17A-associated IKK signaling induced TSLP production in epithelial cells of COPD patients. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	3.2	15
8	Autocrine Acetylcholine, Induced by IL-17A via NF $\kappa$ 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.	1.4	13
9	Effect of High, Medium, and Low Molecular Weight Hyaluronan on Inflammation and Oxidative Stress in an <i>In Vitro</i> Model of Human Nasal Epithelial Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	37
10	IL-17A induces chromatin remodeling promoting IL-8 release in bronchial epithelial cells: Effect of Tiotropium. <i>Life Sciences</i> , 2016, 152, 107-116.	2.0	25
11	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.	1.0	21
12	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.	1.5	29
13	Relaxin in Obstructive Sleep Apnea: Relationship with Blood Pressure and Inflammatory Mediators. <i>Respiration</i> , 2016, 91, 56-62.	1.2	6
14	IL-33/ST2 axis controls Th2/IL-31 and Th17 immune response in allergic airway diseases. <i>Immunobiology</i> , 2015, 220, 954-963.	0.8	81
15	25-Hydroxyvitamin D, IL-31, and IL-33 in Children with Allergic Disease of the Airways. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	46
16	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.	0.7	10
17	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.	1.7	12
18	Increased levels of Th17 cells are associated with non-neuronal acetylcholine in COPD patients. <i>Immunobiology</i> , 2014, 219, 392-401.	0.8	26

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19	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.	1.7	21
20	Plasma leptin and vascular endothelial growth factor (VEGF) in normal subjects at high altitude (5050â€‰m). <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 219-224.	1.0	3
21	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.	1.8	22
22	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.	0.9	12
23	Reduced IL-33 plasma levels in multiple myeloma patients are associated with more advanced stage of disease. <i>British Journal of Haematology</i> , 2013, 160, 709-710.	1.2	37
24	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.	0.6	11
25	Th17 Immunity in Children with Allergic Asthma and Rhinitis: A Pharmacological Approach. <i>PLoS ONE</i> , 2013, 8, e58892.	1.1	38
26	Î²2 long-acting and anticholinergic drugs control TGF-Î²1-mediated neutrophilic inflammation in COPD. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1079-1089.	1.8	47
27	Î²B kinase-driven nuclear factor-Î²B activation in patients with asthma and chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 635-645.e2.	1.5	45
28	Cigarette smoke extract activates human bronchial epithelial cells affecting non-neuronal cholinergic system signalling in vitro. <i>Life Sciences</i> , 2011, 89, 36-43.	2.0	40
29	Increased leptin/leptin receptor pathway affects systemic and airway inflammation in COPD former smokers. <i>Journal of Inflammation Research</i> , 2011, 4, 51.	1.6	11
30	Blood Pressure Changes After Automatic and Fixed CPAP in Obstructive Sleep Apnea: Relationship with Nocturnal Sympathetic Activity. <i>Clinical and Experimental Hypertension</i> , 2011, 33, 373-380.	0.5	37
31	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.	1.3	70
32	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.	1.3	79
33	Hemopoietic and angiogenetic progenitors in healthy athletes: different responses to endurance and maximal exercise. <i>Journal of Applied Physiology</i> , 2010, 109, 60-67.	1.2	58
34	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.	1.3	63
35	Environmental conditions, air pollutants, and airway cells in runners: A longitudinal field study. <i>Journal of Sports Sciences</i> , 2009, 27, 925-935.	1.0	38
36	Acetylcholine mediates the release of IL-8 in human bronchial epithelial cells by a NFÎ²B/ERK-dependent mechanism. <i>European Journal of Pharmacology</i> , 2008, 582, 145-153.	1.7	110

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37	Pleural Mesothelial Cells Express Both BLT2 and PPAR $\alpha$ and Mount an Integrated Response to Pleural Leukotriene B4. <i>Journal of Immunology</i> , 2008, 181, 7292-7299.	0.4	15
38	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.	1.3	28
39	Effects of Exercise Training and Montelukast in Children with Mild Asthma. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 405-412.	0.2	51
40	Endurance Training Damages Small Airway Epithelium in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 442-449.	2.5	68
41	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.	1.5	62
42	Reduced Airway Responsiveness in Nonelite Runners. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2019-2025.	0.2	23
43	Muscarinic receptors, leukotriene B4 production and neutrophilic inflammation in COPD patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1361-1369.	2.7	133
44	Supramaximal exercise mobilizes hematopoietic progenitors and reticulocytes in athletes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1496-R1503.	0.9	81
45	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.	2.7	25
46	LTB4 is present in exudative pleural effusions and contributes actively to neutrophil recruitment in the inflamed pleural space. <i>Clinical and Experimental Immunology</i> , 2004, 135, 519-527.	1.1	40
47	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.	0.2	28
48	Increased airway inflammatory cells in endurance athletes: what do they mean?. <i>Clinical and Experimental Allergy</i> , 2003, 33, 14-21.	1.4	85
49	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.	1.5	107
50	Effect of age and asthma duration upon elastase and $\alpha$ 1-antitrypsin levels in adult asthmatics. <i>European Respiratory Journal</i> , 2003, 22, 795-801.	3.1	42
51	Biologically Active Intercellular Adhesion Molecule-1 Is Shed as Dimers by a Regulated Mechanism in the Inflamed Pleural Space. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1131-1138.	2.5	37
52	Airway Cells after Swimming Outdoors or in the Sea in Nonasthmatic Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1146-1152.	0.2	50
53	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.	1.3	29
54	Circulating hematopoietic progenitor cells in runners. <i>Journal of Applied Physiology</i> , 2002, 93, 1691-1697.	1.2	98

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55	Airway inflammation in nonasthmatic amateur runners. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L668-L676.	1.3	91
56	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
57	Increased Levels of Elastase and $\alpha$ -1-Antitrypsin in Sputum of Asthmatic Patients. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 505-511.	2.5	135
58	Urinary leukotriene E4 in the assessment of nocturnal asthma. Journal of Allergy and Clinical Immunology, 1996, 97, 735-741.	1.5	53
59	Catecholamines and Blood Pressure in Obstructive Sleep Apnea Syndrome. Chest, 1993, 103, 722-727.	0.4	178
60	Theophylline Pharmacokinetics After Intramuscular Administration. Journal of Asthma, 1990, 27, 165-169.	0.9	3
61	Effect of body weight on the volume of distribution of theophylline. Lung, 1988, 166, 269-276.	1.4	7