Apostolos Bossios

List of Publications by Year
in descending order

101	14,541	159358 30	56606 83
papers	citations	h-index	g-index

103	103	103	23490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosome-mediated transfer of mRNAs and microRNAs is a novel mechanism of genetic exchange between cells. Nature Cell Biology, 2007, 9, 654-659.	4.6	10,558
2	Human saliva, plasma and breast milk exosomes contain RNA: uptake by macrophages. Journal of Translational Medicine, 2011, 9, 9.	1.8	757
3	Association of Rhinovirus Infection with Increased Disease Severity in Acute Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1285-1289.	2.5	301
4	Viruses and bacteria in acute asthma exacerbations â€“ A GA²LENâ€ÐARE* systematic review. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 458-468.	2.7	237
5	Etiology of Community-Acquired Pneumonia in Hospitalized School-Age Children: Evidence for High Prevalence of Viral Infections. Clinical Infectious Diseases, 2004, 39, 681-686.	2.9	215
6	MicroRNA-155 is essential for TH2-mediated allergen-induced eosinophilic inflammation in the lung. Journal of Allergy and Clinical Immunology, 2014, 133, 1429-1438.e7.	1.5	192
7	Characterization of mRNA and microRNA in human mast cellâ€derived exosomes and their transfer to other mast cells and blood CD34 progenitor cells. Journal of Extracellular Vesicles, 2012, 1, .	5.5	166
8	Human metapneumovirus as a causative agent of acute bronchiolitis in infants. Journal of Clinical Virology, 2004, 30, 267-270.	1.6	105
9	Rhinovirus Viremia in Children with Respiratory Infections. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1037-1040.	2.5	99
10	<scp>EAACI IG</scp> Biologicals task force paper on the use of biologic agents in allergic disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 727-754.	2.7	98
11	Does respiratory syncytial virus subtype influences the severity of acute bronchiolitis in hospitalized infants?. Respiratory Medicine, 2004, 98, 879-882.	1.3	84
12	Mechanisms of virus-induced asthma exacerbations: state-of-the-art. A GA2LEN and InterAirways document. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 457-470.	2.7	84
13	Osteopontin expression and relation to disease severity in human asthma. European Respiratory Journal, 2011, 37, 331-341.	3.1	82
14	Vascular endothelial growth factorâ€“mediated induction of angiogenesis by human rhinoviruses. Journal of Allergy and Clinical Immunology, 2006, 117, 291-297.	1.5	81
15	Considerations on biologicals for patients with allergic disease in times of the COVIDâ€19 pandemic: An EAACI statement. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2764-2774.	2.7	75
16	Duration of postviral airway hyperresponsiveness in children with asthma: Effect of atopy. Journal of Allergy and Clinical Immunology, 2005, 116, 299-304.	1.5	72
17	New biological treatments for asthma and skin allergies. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 546-560.	2.7	70
18	Rhinovirus infection induces cytotoxicity and delays wound healing in bronchial epithelial cells. Respiratory Research, 2005, 6, 114.	1.4	68

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19	Functional Relevance of the IL-23â€“IL-17 Axis in LungsIn Vivo. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 442-451.	1.4	68
20	Characteristics and treatment regimens across ERS SHARP severe asthma registries. European Respiratory Journal, 2020, 55, 1901163.	3.1	56
21	Effects of pollen and nasal glucocorticoid on FOXP3+, GATA-3+and T-bet+cells in allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1007-1013.	2.7	50
22	Rhinovirus infection and house dust mite exposure synergize in inducing bronchial epithelial cell interleukinâ€8 release. Clinical and Experimental Allergy, 2008, 38, 1615-1626.	1.4	44
23	Interleukin-6 in preterm premature rupture of membranes as an indicator of neonatal outcome. Acta Obstetricia Et Gynecologica Scandinavica, 2005, 84, 632-638.	1.3	43
24	Biologicals in atopic disease in pregnancy: An EAACI position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 71-89.	2.7	41
25	Use of biologicals in allergic and type-2 inflammatory diseases during the current COVID-19 pandemic. Allergologie Select, 2020, 4, 53-68.	1.6	38
26	Oxidative stress and adhesion molecules in children with type 1 diabetes mellitus: a possible link. Pediatric Diabetes, 2006, 7, 51-59.	1.2	36
27	The association of asthma, nasal allergies, and positive skin prick tests with obesity, leptin, and adiponectin. Clinical and Experimental Allergy, 2014, 44, 250-260.	1.4	36
28	Effect of simulated gastroâ€duodenal digestion on the allergenic reactivity of betaâ€lactoglobulin. Clinical and Translational Allergy, 2011, 1, 6.	1.4	33
29	Smoking activates cytotoxic CD8+ T cells and causes survivin release in rheumatoid arthritis. Journal of Autoimmunity, 2017, 78, 101-110.	3.0	33
30	IL-17-producing T lymphocytes in lung tissue and in the bronchoalveolar spaceÂafter exposure to endotoxin from Escherichia coli in vivo â€“ effects of anti-inflammatory pharmacotherapy. Pulmonary Pharmacology and Therapeutics, 2009, 22, 199-207.	1.1	31
31	Local proliferation and mobilization of CCR3+â€ƒCD34+ eosinophil-lineage-committed cells in the lung. Immunology, 2011, 132, 144-154.	2.0	30
32	B Cells: From Early Development to Regulating Allergic Diseases. Archivum Immunologiae Et Therapiae Experimentalis, 2010, 58, 209-225.	1.0	29
33	Airway allergen exposure stimulates bone marrow eosinophilia partly via IL-9. Respiratory Research, 2005, 6, 33.	1.4	28
34	High prevalence of severe asthma in a large random population study. Journal of Allergy and Clinical Immunology, 2018, 141, 2256-2264.e2.	1.5	28
35	Five-fold increase in use of inhaled corticosteroids over 18 years in the general adult population in West Sweden. Respiratory Medicine, 2014, 108, 685-693.	1.3	23
36	Immunophenotyping of Circulating T Helper Cells Argues for Multiple Functions and Plasticity of T Cells In Vivo in Humans - Possible Role in Asthma. PLoS ONE, 2012, 7, e40012.	1.1	23

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37	The Impact of Serum Lipid Levels on Circulating Soluble Adhesion Molecules in Childhood. Pediatric Research, 2002, 52, 454-458.	1.1	22
38	Relation of serum leptin levels to lipid profile in healthy children. Metabolism: Clinical and Experimental, 2001, 50, 1091-1094.	1.5	21
39	Immune Modulator Pidotimod Decreases the In Vitro Expression of CD30 in Peripheral Blood Mononuclear Cells of Atopic Asthmatic and Normal Children. Journal of Asthma, 2004, 41, 285-287.	0.9	21
40	Current Update on Eosinophilic Lung Diseases and Anti-IL-5 Treatment. Recent Patents on Anti-infective Drug Discovery, 2011, 6, 189-205.	0.5	21
41	Multi-symptom asthma as an indication of disease severity in epidemiology. European Respiratory Journal, 2011, 38, 825-832.	3.1	20
42	New Production of Eosinophils and the Corresponding Th1/Th2 Balance in the Lungs after Allergen Exposure in BALB/c and C57BL/6 Mice. Scandinavian Journal of Immunology, 2010, 71, 176-185.	1.3	19
43	Only severe COPD is associated with being underweight: results from a population survey. ERJ Open Research, 2016, 2, 00051-2015.	1.1	19
44	Smoking Is Associated With Low Levels of Soluble PD-L1 in Rheumatoid Arthritis. Frontiers in Immunology, 2018, 9, 1677.	2.2	19
45	ROSE: radiology, obstruction, symptoms and exposure â€“ a Delphi consensus definition of the association of COPD and bronchiectasis by the EMBARC Airways Working Group. ERJ Open Research, 2021, 7, 00399-2021.	1.1	19
46	Aspirinâ€intolerant asthma in the population: prevalence and important determinants. Clinical and Experimental Allergy, 2015, 45, 211-219.	1.4	18
47	Lung function fluctuation patterns unveil asthma and COPD phenotypes unrelated to type 2 inflammation. Journal of Allergy and Clinical Immunology, 2021, 148, 407-419.	1.5	16
48	Survivin controls biogenesis of microRNA in smokers: A link to pathogenesis of rheumatoid arthritis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 663-673.	1.8	15
49	Circulating Cytokines in Patients with Cat Scratch Disease. Clinical Infectious Diseases, 2001, 33, e54-e56.	2.9	14
50	Regulation of allergen-induced bone marrow eosinophilopoiesis: role of CD4+and CD8+T cells. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1410-1418.	2.7	14
51	Weight Gain Alters Adiponectin Receptor 1 Expression on Adipose Tissueâ€Resident Helios+ Regulatory T Cells. Scandinavian Journal of Immunology, 2016, 83, 244-254.	1.3	14
52	Lung Regulatory T Cells Express Adiponectin Receptor 1: Modulation by Obesity and Airway Allergic Inflammation. International Journal of Molecular Sciences, 2020, 21, 8990.	1.8	14
53	Adiponectin/AdipoR1 Axis Promotes IL-10 Release by Human Regulatory T Cells. Frontiers in Immunology, 2021, 12, 677550.	2.2	14
54	Expansion of CD4+CD25+ and CD25- T-Bet, GATA-3, Foxp3 and RORÎ³t Cells in Allergic Inflammation, Local Lung Distribution and Chemokine Gene Expression. PLoS ONE, 2011, 6, e19889.	1.1	13

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55	Prolonged Eosinophil Production after Allergen Exposure in IFNâ€Î³R KO Mice is ILâ€5 Dependent. Scandinavian Journal of Immunology, 2008, 67, 480-488.	1.3	12
56	Excessive daytime sleepiness in asthma: What are the risk factors?. Journal of Asthma, 2018, 55, 844-850.	0.9	12
57	ILâ€5 expression and release from human CD34 cells inÂvitro; ex vivo evidence from cases of asthma and Churgâ€“Strauss syndrome. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 831-839.	2.7	11
58	Sex steroid hormones and asthma in women: state-of-the-art and future research perspectives. Expert Review of Respiratory Medicine, 2020, 14, 543-545.	1.0	11
59	COVID-19 vaccination in the setting of mastocytosisâ€”Pfizer-BioNTech mRNA vaccine is safe and well tolerated. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1377-1379.	2.0	11
60	Interleukin-16-producing NK cells and T-cells in the blood of tobacco smokers with and without COPD. International Journal of COPD, 2016, Volume 11, 2245-2258.	0.9	10
61	Precursor B Cells Increase in the Lung during Airway Allergic Inflammation: A Role for B Cell-Activating Factor. PLoS ONE, 2016, 11, e0161161.	1.1	10
62	Correlation of Lymphocyte Proliferating Cell Nuclear Antigen Expression with Dietary Cowâ€™s Milk Antigen Load in Infants with Allergy to Cowâ€™s Milk. International Archives of Allergy and Immunology, 1999, 119, 64-68.	0.9	9
63	Expression of Costimulatory Molecules in Peripheral Blood Mononuclear Cells of Atopic Asthmatic Children during Virus-Induced Asthma Exacerbations. International Archives of Allergy and Immunology, 2004, 134, 223-226.	0.9	9
64	Severe hypertriglyceridaemia in a Greek infant: a clinical, biochemical and genetic study. European Journal of Pediatrics, 2004, 163, 462-6.	1.3	9
65	A Global Assessment of the Inflammatory Response Elicited Upon Open Abdominal Aortic Aneurysm Repair. Vascular and Endovascular Surgery, 2008, 42, 47-53.	0.3	9
66	Quantitative expression of osteopontin in nasal mucosa of patients with allergic rhinitis: effects of pollen exposure and nasal glucocorticoid treatment. Allergy, Asthma and Clinical Immunology, 2010, 6, 28.	0.9	9
67	Interleukin-6 in preterm premature rupture of membranes as an indicator of neonatal outcome. Acta Obstetricia Et Gynecologica Scandinavica, 2005, 84, 632-638.	1.3	9
68	Anwendung von Biologika bei allergischen und Typ-2- entzÃ¼ndlichen Erkrankungen in der aktuellen COVID-19-Pandemie â€“ ein Positionspapier von AeDA, DGAKI, GPA, Ã–GAI, LGAI, Ã–GP, ARIA und EAACI. Allergologie, 2020, 43, 255-271.	0.1	9
69	Regulatory role of CD8+ T lymphocytes in bone marrow eosinophilopoiesis. Respiratory Research, 2006, 7, 83.	1.4	8
70	Sex Disparities in Asthma Development and Clinical Outcomes: Implications for Treatment Strategies. Journal of Asthma and Allergy, 2022, Volume 15, 231-247.	1.5	8
71	Effects of tobacco smoke on IL-16 in CD8+ cells from human airways and blood: a key role for oxygen free radicals?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L43-L55.	1.3	7
72	NORDSTAR: paving the way for a new era in asthma research. European Respiratory Journal, 2020, 55, 1902476.	3.1	7

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73	Interferon-gamma pretreatment of peripheral blood mononuclear cells partially restores defective cytokine production in children with atopic dermatitis. Pediatric Allergy and Immunology, 1998, 9, 125-129.	1.1	5
74	Research highlights from the 2017 ERS International Congress: airway diseases in focus. ERJ Open Research, 2018, 4, 00163-2017.	1.1	5
75	Research highlights from the 2018 European Respiratory Society International Congress: airway disease. ERJ Open Research, 2019, 5, 00225-2018.	1.1	3
76	The effect of the COVID-19 pandemic on severe asthma care in Europe - will care change for good?. ERJ Open Research, 2022, 8, 00065-2022.	1.1	3
77	Inflammatory T2 Biomarkers in Severe Asthma Patients: The First Step to Precision Medicine. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2689-2690.	2.0	2
78	CD34+ Eosinophil-Lineage-Committed Cells in the Mouse Lung. Methods in Molecular Biology, 2014, 1178, 29-43.	0.4	2
79	Analysis of Global Protein Content in Mast Cell Exosomes. Journal of Allergy and Clinical Immunology, 2006, 117, S69.	1.5	1
80	Viruses and asthma exacerbations. Breathe, 2006, 3, 50-58.	0.6	1
81	Hormone Replacement Therapy and Asthma. Chest, 2021, 160, 3-4.	0.4	1
82	An IgE Antibody Reduce the Release of IL-5 from Mouse OVA treated CD34+ Hematopoietic Progenitor Cells In Vitro.. Journal of Allergy and Clinical Immunology, 2006, 117, S311.	1.5	0
83	Newly Produced CD4+ Cells in Bone Marrow after Airway Allergen Exposure. Journal of Allergy and Clinical Immunology, 2006, 117, S255.	1.5	0
84	Eotaxin-1 & -2 Induced Migration of CD34+/CCR3+ Bone marrow and Blood Eosinophil-lineage Committed Cells. Journal of Allergy and Clinical Immunology, 2006, 117, S56.	1.5	0
85	Newly Produced Eosinophil-Lineage Committed Cells Proliferate in the Lung of Allergen-Challenged Mice. Journal of Allergy and Clinical Immunology, 2006, 117, S58.	1.5	0
86	Effect of Nasal Steroid Treatment on Mucosal FOXP3+ Cells in Allergic Rhinitis Patients. Journal of Allergy and Clinical Immunology, 2006, 117, S244.	1.5	0
87	Circulating eosinophil progenitors express major trafficking related molecules and are more activated compared to mature eosinophils in patients with asthma. Clinical and Translational Allergy, 2013, 3, P7.	1.4	0
88	Tollâ€like receptor expression in severe asthma with chronic rhinosinusitis. Clinical and Translational Allergy, 2013, 3, O2.	1.4	0
89	Multiâ€symptom asthma as an indication of disease severity in epidemiology. Clinical and Translational Allergy, 2013, 3, P6.	1.4	0
90	Tobacco smoke causes release of IL-16 protein from NK cells in vitro. , 2015, , .		0

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91	Survivin in patients with chronic obstructive pulmonary disease. , 2015, , .		0
92	Weight gain alters adiponectin receptor 1 expression on lung-resident Foxp3+ Helios+ regulatory T cells: Implications during allergic airway inflammation?. , 2016, , .		0
93	Late Breaking Abstract - NORdic Database for aSThmA Research (NORDSTAR): Swedish and Finnish patients. , 2018, , .		0
94	Oral corticosteroid use in Swedish and Finnish severe asthma patients. , 2019, , .		0
95	Increased relative levels of IgG subclasses, mainly IgG3, in patient with bronchiectasis and history of exacerbations; preliminary results from a single tertiary center. , 2019, , .		0
96	Oral steroids induce leptin and adiponectin in subjects with airway obstructive diseases. , 2019, , .		0
97	Mepolizumab decreases urinary excretion of LTE4 in severe asthma. , 2020, , .		0
98	Asthma as a co-morbidity and cause of bronchiectasis: data from the European Bronchiectasis Registry (EMBARC). , 2020, , .		0
99	Obese asthmatics with impaired FRC show increased eosinophilic inflammation. , 2020, , .		0
100	Adipokine mediators in asthma and COPD are affected by sex and age. , 2020, , .		0
101	Neutrophil-to-lymphocyte ratio in patients with bronchiectasis and its correlation with low-grade inflammation; preliminary results from a single tertiary center. , 2020, , .		0