

Sven F Seys

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

4,022
citations

109321

35
h-index

128289

60
g-index

98
all docs

98
docs citations

98
times ranked

5143
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposome mapping in chronic respiratory diseases: the added value of digital technology. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2022, 22, 1-9.	2.3	2
2	Alpine altitude climate treatment for severe and uncontrolled asthma: An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1991-2024.	5.7	21
3	The quest for biomarkers in asthma: challenging the T2 <i>versus</i> non-T2 paradigm. <i>European Respiratory Journal</i> , 2022, 59, 2102669.	6.7	2
4	Innate Lymphoid Cells Are Required to Induce Airway Hyperreactivity in a Murine Neutrophilic Asthma Model. <i>Frontiers in Immunology</i> , 2022, 13, 849155.	4.8	7
5	Physical exercise, immune response, and susceptibility to infectionsâ€™ current knowledge and growing research areas. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2653-2664.	5.7	12
6	Surgery in Nasal Polyp Patients: Outcome After a Minimum Observation of 10 Years. <i>American Journal of Rhinology and Allergy</i> , 2021, 35, 449-457.	2.0	30
7	<i>Staphylococcus aureus</i> enterotoxin B disrupts nasal epithelial barrier integrity. <i>Clinical and Experimental Allergy</i> , 2021, 51, 87-98.	2.9	36
8	<i>Lactobacillus casei</i> AMBR2 Restores Airway Epithelial Integrity in Chronic Rhinosinusitis With Nasal Polyps. <i>Allergy, Asthma and Immunology Research</i> , 2021, 13, 560.	2.9	11
9	Tackling nasal symptoms in athletes: Moving towards personalized medicine. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2716-2729.	5.7	4
10	Multidisciplinary Care for Severe or Uncontrolled Chronic Upper Airway Diseases. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 27.	5.3	9
11	Health effects of exposure to chlorination byâ€™products in swimming pools. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3257-3275.	5.7	18
12	How to detect young athletes at risk of exercise-induced bronchoconstriction?. <i>Paediatric Respiratory Reviews</i> , 2021, , .	1.8	3
13	Nasal epithelial barrier dysfunction increases sensitization and mast cell degranulation in the absence of allergic inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1155-1164.	5.7	42
14	Realâ€™life assessment of chronic rhinosinusitis patients using mobile technology: The mySinusitisCoach project by EUFOREA. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2867-2878.	5.7	45
15	<i>Lactobacillus rhamnosus</i> probiotic prevents airway function deterioration and promotes gut microbiome resilience in a murine asthma model. <i>Gut Microbes</i> , 2020, 11, 1729-1744.	9.8	39
16	Rhinology Future Debates 2018, a EUFOREA Report. <i>Rhinology</i> , 2020, 58, 0-0.	1.3	6
17	Prevalence and triggers of self-reported nasal hyperreactivity in adults with asthma. <i>World Allergy Organization Journal</i> , 2020, 13, 100132.	3.5	9
18	Intranasal administration of probiotic <i>Lactobacillus rhamnosus</i> GG prevents birch pollenâ€™induced allergic asthma in a murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 100-110.	5.7	84

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19	ARIA masterclass 2018: From guidelines to real-life implementation. <i>Rhinology</i> , 2019, 57, 0-0.	1.3	6
20	Early-onset airway damage in early-career elite athletes: A risk factor for exercise-induced bronchoconstriction. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1423-1425.e9.	2.9	8
21	New insights in neutrophilic asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 113-120.	2.6	53
22	Dermal exposure determines the outcome of repeated airway exposure in a long-term chemical-induced asthma-like mouse model. <i>Toxicology</i> , 2019, 421, 84-92.	4.2	11
23	EUFOREA consensus on biologics for CRSwNP with or without asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2312-2319.	5.7	239
24	IL-1 β , IL-23, and TGF- β 2 drive plasticity of human ILC2s towards IL-17-producing ILCs in nasal inflammation. <i>Nature Communications</i> , 2019, 10, 2162.	12.8	95
25	Toward clinically applicable biomarkers for asthma: An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1835-1851.	5.7	135
26	Patient Advisory Board for Chronic Rhinosinusitis – A EUFOREA initiative. <i>Rhinology</i> , 2019, 57, 0-0.	1.3	8
27	Innate lymphoid cells in asthma: pathophysiological insights from murine models to human asthma phenotypes. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2019, 19, 53-60.	2.3	34
28	Stepwise approach towards adoption of allergen immunotherapy for allergic rhinitis and asthma patients in daily practice in Belgium: a BelSACI-Abeforcal-EUFOREA statement. <i>Clinical and Translational Allergy</i> , 2019, 9, 1.	3.2	27
29	Anterior Nares Diversity and Pathobionts Represent Sinus Microbiome in Chronic Rhinosinusitis. <i>MSphere</i> , 2019, 4, .	2.9	47
30	Mobile health tools for the management of chronic respiratory diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1292-1306.	5.7	66
31	Full Patient Monitoring Using Digital Health Technology. , 2019, , 195-202.		0
32	EUFOREA Approach to Precision Medicine in Respiratory Diseases. , 2019, , 207-211.		1
33	Intranasal probiotic <i>Lactobacillus rhamnosus</i> GG prevents respiratory exacerbation in a mouse model of birch pollen allergic asthma. , 2019, , .		1
34	The effect of anti-IL-5 therapy on sputum cells and cytokines in asthmatics. , 2019, , .		0
35	Exercise and Sinonasal Disease. <i>Immunology and Allergy Clinics of North America</i> , 2018, 38, 259-269.	1.9	9
36	Mechanisms of exercise-induced bronchoconstriction in athletes: Current perspectives and future challenges. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 8-16.	5.7	60

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37	Histamine and T helper cytokine-driven epithelial barrier dysfunction in allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 951-963.e8.	2.9	139
38	Emerging roles of innate lymphoid cells in inflammatory diseases: Clinical implications. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 837-850.	5.7	79
39	Assessing patient-reported outcomes in asthma and COPD patients. <i>Current Opinion in Pulmonary Medicine</i> , 2018, 24, 18-23.	2.6	21
40	MP ₂ reduces nasal hyperreactivity and nasal mediators in patients with house dust mite allergic rhinitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1084-1093.	5.7	40
41	1097...Importance of skin exposure in a sub-chronic mouse model of chemical-induced asthma. , 2018, , .		0
42	Nasal symptoms, epithelial injury and neurogenic inflammation in elite swimmers. <i>Rhinology</i> , 2018, 56, 279-287.	1.3	9
43	Visual analogue scale for sino-nasal symptoms severity correlates with sino-nasal outcome test 22: paving the way for a simple outcome tool of CRS burden. <i>Clinical and Translational Allergy</i> , 2018, 8, 32.	3.2	43
44	AQUA [®] Questionnaire as prediction tool for atopy in young elite athletes. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 648-650.	2.6	8
45	Probiotics against airway allergy: host factors to consider. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	20
46	mySinusitisCoach: patient empowerment in chronic rhinosinusitis using mobile technology. <i>Rhinology</i> , 2018, 56, 209-215.	1.3	41
47	Rhinology Future Debates 2017 by EUFOREA: Novel treatments and surgical solutions in rhinology. <i>Clinical Otolaryngology</i> , 2018, 43, 1429-1438.	1.2	3
48	Probiotics for the airways: Potential to improve epithelial and immune homeostasis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1954-1963.	5.7	64
49	Programmed cell death-1 expression correlates with disease severity and IL-5 in chronic rhinosinusitis with nasal polyps. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 985-993.	5.7	23
50	Cyto-genotoxic and DNA methylation changes induced by different crystal phases of TiO ₂ -np in bronchial epithelial (16-HBE) cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 796, 1-12.	1.0	35
51	Non-allergic rhinitis: Position paper of the European Academy of Allergy and Clinical Immunology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1657-1665.	5.7	193
52	Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis - A statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1297-1305.	5.7	130
53	Serum and sputum calprotectin, a reflection of neutrophilic airway inflammation in asthmatics after high-altitude exposure. <i>Clinical and Experimental Allergy</i> , 2017, 47, 1675-1677.	2.9	8
54	Role of sputum biomarkers in the management of asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 34-40.	2.6	17

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55	Cluster analysis of sputum cytokine-high profiles reveals diversity in T(h)2-high asthma patients. <i>Respiratory Research</i> , 2017, 18, 39.	3.6	63
56	Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. <i>Respiratory Research</i> , 2017, 18, 123.	3.6	89
57	Allergy in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 207-220.	5.7	96
58	Real-life study showing uncontrolled rhinosinusitis after sinus surgery in a tertiary referral centre. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 282-290.	5.7	99
59	Rhinology Future Debates, an EUFOREA Report. <i>Rhinology</i> , 2017, 55, 298-304.	1.3	2
60	Endotype-driven treatment in chronic upper airway diseases. <i>Clinical and Translational Allergy</i> , 2017, 7, 22.	3.2	117
61	European Summit on the Prevention and Self-Management of Chronic Respiratory Diseases: report of the European Union Parliament Summit (29 March 2017). <i>Clinical and Translational Allergy</i> , 2017, 7, 49.	3.2	48
62	Changes in DNA Methylation in Mouse Lungs after a Single Intra-Tracheal Administration of Nanomaterials. <i>PLoS ONE</i> , 2017, 12, e0169886.	2.5	47
63	IL-13 is a central mediator of chemical-induced airway hyperreactivity in mice. <i>PLoS ONE</i> , 2017, 12, e0180690.	2.5	10
64	Real-life study showing better control of allergic rhinitis by immunotherapy than regular pharmacotherapy. <i>Rhinology</i> , 2017, 54, 214-220.	1.3	14
65	EUFOREA Rhinology Research Forum 2016: report of the brainstorming sessions on needs and priorities in rhinitis and rhinosinusitis. <i>Rhinology</i> , 2017, 55, 202-210.	1.3	36
66	Rhinology Future Debates, an EUFOREA Report. <i>Rhinology</i> , 2017, 55, 298-304.	1.3	13
67	Regulation of melanocortin 1 receptor in allergic rhinitis <i>in vitro</i> and <i>in vivo</i> . <i>Clinical and Experimental Allergy</i> , 2016, 46, 1066-1074.	2.9	9
68	Precision medicine in patients with allergic diseases: Airway diseases and atopic dermatitis—PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma & Immunology. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1347-1358.	2.9	249
69	Neuro-immune interactions in chemical-induced airway hyperreactivity. <i>European Respiratory Journal</i> , 2016, 48, 380-392.	6.7	37
70	Feasibility to apply eucapnic voluntary hyperventilation in young elite athletes. <i>Respiratory Medicine</i> , 2016, 111, 91-93.	2.9	15
71	Impaired barrier function in patients with house dust mite-induced allergic rhinitis is accompanied by decreased occludin and zonula occludens-1 expression. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1043-1053.e5.	2.9	244
72	Immunosuppressive parameters in serum of ovarian cancer patients change during the disease course. <i>Oncology</i> , 2016, 5, e1111505.	4.6	31

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73	Toluene diisocyanate and methylene diphenyl diisocyanate: asthmatic response and cross-reactivity in a mouse model. Archives of Toxicology, 2016, 90, 1709-1717.	4.2	29
74	Restoring airway epithelial barrier dysfunction: a new therapeutic challenge in allergic airway disease. Rhinology, 2016, 54, 195-205.	1.3	45
75	Real-life study showing better control of allergic rhinitis by immunotherapy than regular pharmacotherapy. Rhinology, 2016, 54, 214-220.	1.3	9
76	Carbon loading in airway macrophages to traffic-derived particulate matter air pollution. Archives of Public Health, 2015, 73, .	2.4	1
77	Damage-associated molecular pattern and innate cytokine release in the airways of competitive swimmers. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 187-194.	5.7	49
78	Methylisothiazolinone: Dermal and respiratory immune responses in mice. Toxicology Letters, 2015, 235, 179-188.	0.8	24
79	An outbreak of swimming-pool related respiratory symptoms: An elusive source of trichloramine in a municipal indoor swimming pool. International Journal of Hygiene and Environmental Health, 2015, 218, 386-391.	4.3	29
80	Low cord blood Foxp3/CD3 ⁺ mRNA ratios: a marker of increased risk for allergy development. Clinical and Experimental Allergy, 2015, 45, 232-237.	2.9	12
81	Obese Individuals with Asthma Preferentially Have a High IL-5/IL-17A/IL-25 Sputum Inflammatory Pattern. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1284-1285.	5.6	60
82	The Sputum C-Clearance as a predictor of lung inflammation, proteolysis and damage in non-cystic fibrosis bronchiectasis: A case-control analysis. Respirology, 2014, 19, 203-210.	2.3	49
83	Mortality in non-cystic fibrosis bronchiectasis: A prospective cohort analysis. Respiratory Medicine, 2014, 108, 287-296.	2.9	143
84	O ₂ Exercise-induced bronchoconstriction in young athletes. Clinical and Translational Allergy, 2014, 4, O2.	3.2	0
85	Sputum IL-5, IL-17A, IL-25 high pattern is associated with uncontrolled asthma and worse lung function. Clinical and Translational Allergy, 2013, 3, O3.	3.2	0
86	Airway inflammation in patients with chronic non-asthmatic cough. Thorax, 2013, 68, 125-130.	5.6	14
87	IL-17A in Human Respiratory Diseases: Innate or Adaptive Immunity? Clinical Implications. Clinical and Developmental Immunology, 2013, 2013, 1-8.	3.3	14
88	Sputum cytokine mapping reveals an IL-5, IL-17A, IL-25 high pattern associated with poorly controlled asthma. Clinical and Experimental Allergy, 2013, 43, 1009-1017.	2.9	67
89	Effects of high altitude and cold air exposure on airway inflammation in patients with asthma. Thorax, 2013, 68, 906-913.	5.6	78
90	Placental Growth Factor Contributes to Bronchial Neutrophilic Inflammation and Edema in Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 781-789.	2.9	20

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91	Risk factors for morbidity and death in non-cystic fibrosis bronchiectasis: a retrospective cross-sectional analysis of CT diagnosed bronchiectatic patients. <i>Respiratory Research</i> , 2012, 13, 21.	3.6	89
92	<i>Staphylococcus aureus</i> Enterotoxin B Disrupts Nasal Epithelial Barrier Integrity via TLR2 Activation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0