Zheng Liu

List of Publications by Year
in descending order

111	4,625	35	62
papers	citations	h-index	g-index
		109137	118652

124	124	124	4199
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distinct immunopathologic characteristics of various types of chronic rhinosinusitis in adult Chinese. Journal of Allergy and Clinical Immunology, 2009, 124, 478-484.e2.	1.5	502
2	Increased neutrophilia in nasal polyps reduces the response to oral corticosteroid therapy. Journal of Allergy and Clinical Immunology, 2012, 129, 1522-1528.e5.	1.5	241
3	Chinese Society of Allergy Guidelines for Diagnosis and Treatment of Allergic Rhinitis. Allergy, Asthma and Immunology Research, 2018, 10, 300.	1.1	198
4	Multidimensional endotypes of chronic rhinosinusitis and their association with treatment outcomes. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1459-1469.	2.7	178
5	Seleniumâ€“GPX4 axis protects follicular helper T cells from ferroptosis. Nature Immunology, 2021, 22, 1127-1139.	7.0	158
6	The Loss of Smell and Taste in the COVID-19 Outbreak: a Tale of Many Countries. Current Allergy and Asthma Reports, 2020, 20, 61.	2.4	127
7	Diagnostic significance of blood eosinophil count in eosinophilic chronic rhinosinusitis with nasal polyps in Chinese adults. Laryngoscope, 2012, 122, 498-503.	1.1	122
8	Distinct effects of asthma and COPD comorbidity on disease expression and outcome in patients with COVIDâ€•19. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 483-496.	2.7	117
9	Features of airway remodeling in different types of <scp>C</scp>hinese chronic rhinosinusitis are associated with inflammation patterns. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 101-109.	2.7	115
10	Overexpression of miR-125b, a Novel Regulator of Innate Immunity, in Eosinophilic Chronic Rhinosinusitis with Nasal Polyps. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 140-151.	2.5	112
11	Interaction of thymic stromal lymphopoietin, <scp>IL</scp>â€33, and their receptors in epithelial cells in eosinophilic chronic rhinosinusitis with nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1169-1180.	2.7	112
12	Gene expression profiles in human nasal polyp tissues studied by means of DNA microarray. Journal of Allergy and Clinical Immunology, 2004, 114, 783-790.	1.5	109
13	The activation and function of IL-36Î³ in neutrophilic inflammation in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology, 2018, 141, 1646-1658.	1.5	93
14	Increased local IgE production induced by common aeroallergens and phenotypic alteration of mast cells in Chinese eosinophilic, but not nonâ€eosinophilic, chronic rhinosinusitis with nasal polyps. Clinical and Experimental Allergy, 2014, 44, 690-700.	1.4	91
15	Pathophysiologic mechanisms of chronic rhinosinusitis and their roles in emerging disease endotypes. Annals of Allergy, Asthma and Immunology, 2019, 122, 33-40.	0.5	84
16	Disease-Specific T-Helper Cell Polarizing Function of Lesional Dendritic Cells in Different Types of Chronic Rhinosinusitis with Nasal Polyps. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 628-638.	2.5	74
17	Allergen immunotherapy improves defective follicular regulatory T cells in patients with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2019, 144, 118-128.	1.5	72
18	Roles of follicular helper and regulatory T cells in allergic diseases and allergen immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 456-470.	2.7	71

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19	Expression of ACE2 in airways: Implication for COVIDâ€19 risk and disease management in patients with chronic inflammatory respiratory diseases. Clinical and Experimental Allergy, 2020, 50, 1313-1324.	1.4	69
20	Nasal IL-4+CXCR5+CD4+ T follicular helper cell counts correlate with local IgE production in eosinophilic nasal polyps. Journal of Allergy and Clinical Immunology, 2016, 137, 462-473.	1.5	64
21	Let-7a microRNA functions as a potential tumor suppressor in human laryngeal cancer. Oncology Reports, 2009, 22, 1189-95.	1.2	61
22	Increased expression of the epithelial anion transporter pendrin/SLC26A4 in nasal polyps of patients with chronic rhinosinusitis. Journal of Allergy and Clinical Immunology, 2015, 136, 1548-1558.e7.	1.5	51
23	Chronic rhinosinusitis with and without nasal polyps is associated with decreased expression of glucocorticoidâ€induced leucine zipper. Clinical and Experimental Allergy, 2009, 39, 647-654.	1.4	50
24	Clara cell 10â€kDa protein expression in chronic rhinosinusitis and its cytokineâ€driven regulation in sinonasal mucosa. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 149-157.	2.7	47
25	Self-reported Taste and Smell Disorders in Patients with COVID-19: Distinct Features in China. Current Medical Science, 2021, 41, 14-23.	0.7	44
26	<scp>CD</scp>8⁺ T cells with distinct cytokineâ€producing features and low cytotoxic activity in eosinophilic and nonâ€eosinophilic chronic rhinosinusitis with nasal polyps. Clinical and Experimental Allergy, 2016, 46, 1162-1175.	1.4	43
27	Ectopic lymphoid tissues support local immunoglobulin production in patients with chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 141, 927-937.	1.5	43
28	Expression of osteopontin in chronic rhinosinusitis with and without nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 104-111.	2.7	42
29	Chinese Society of Allergy and Chinese Society of Otorhinolaryngology-Head and Neck Surgery Guideline for Chronic Rhinosinusitis. Allergy, Asthma and Immunology Research, 2020, 12, 176.	1.1	42
30	The expression of osteopontin and its association with Clara cell 10â€ƒkDa protein in allergic rhinitis. Clinical and Experimental Allergy, 2010, 40, 1632-1641.	1.4	41
31	MicroRNA in Chronic Rhinosinusitis and Allergic Rhinitis. Current Allergy and Asthma Reports, 2014, 14, 415.	2.4	41
32	Foxp3+ T regulatory cells (Tregs) are increased in nasal polyps (NP) after treatment with intranasal steroid. Clinical Immunology, 2008, 129, 394-400.	1.4	39
33	Comparison of Efficacy of Mometasone Furoate versus Clarithromycin in the Treatment of Chronic Rhinosinusitis without Nasal Polyps in Chinese Adults. American Journal of Rhinology and Allergy, 2011, 25, e203-e207.	1.0	39
34	Correlation of allergen-specific T follicular helper cell counts with specific IgE levels and efficacy of allergen immunotherapy. Journal of Allergy and Clinical Immunology, 2018, 142, 321-324.e10.	1.5	39
35	Systemically comparing host immunity between survived and deceased COVID-19 patients. Cellular and Molecular Immunology, 2020, 17, 875-877.	4.8	39
36	Histological and Immunological Observations of Bacterial and Allergic Chronic Rhinosinusitis in the Mouse. American Journal of Rhinology & Allergy, 2008, 22, 343-348.	2.3	38

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37	Clara Cell 10-kD Protein Suppresses Chitinase 3-Like 1 Expression Associated with Eosinophilic Chronic Rhinosinusitis. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 908-916.	2.5	38
38	IgD-activated mast cells induce IgE synthesis in B cells in nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 142, 1489-1499.e23.	1.5	36
39	Neutrophils as a Protagonist and Target in Chronic Rhinosinusitis. Clinical and Experimental Otorhinolaryngology, 2019, 12, 337-347.	1.1	35
40	15-Lipoxygenase 1 in nasal polyps promotes CCL26/eotaxin 3 expression through extracellular signal-regulated kinase activation. Journal of Allergy and Clinical Immunology, 2019, 144, 1228-1241.e9.	1.5	34
41	CD23 expression on switched memory B cells bridges Tâ€B cell interaction in allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2599-2612.	2.7	34
42	Suggestions on the prevention of COVIDâ€19 for health care workers in department of otorhinolaryngology head and neck surgery. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2020, 6, S2-S5.	0.7	34
43	Clara cell 10-kDa protein inhibits TH17 responses through modulating dendritic cells in the setting of allergic rhinitis. Journal of Allergy and Clinical Immunology, 2013, 131, 387-394.e12.	1.5	33
44	Th17 response and its regulation in inflammatory upper airway diseases. Clinical and Experimental Allergy, 2015, 45, 602-612.	1.4	33
45	Targeting TFH cells in human diseases and vaccination: rationale and practice. Nature Immunology, 2022, 23, 1157-1168.	7.0	33
46	Exogenous interleukin-10 alleviates allergic inflammation but inhibits local interleukin-10 expression in a mouse allergic rhinitis model. BMC Immunology, 2014, 15, 9.	0.9	30
47	Group II subfamily secretory phospholipase A2enzymes: expression in chronic rhinosinusitis with and without nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 999-1006.	2.7	29
48	Clarithromycin and dexamethasone show similar anti-inflammatory effects on distinct phenotypic chronic rhinosinusitis: an explant model study. BMC Immunology, 2015, 16, 37.	0.9	29
49	Interferonâ€Î³â€induced insufficient autophagy contributes to p62â€dependent apoptosis of epithelial cells in chronic rhinosinusitis with nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1384-1397.	2.7	29
50	The cytokine-driven regulation of secretoglobins in normal human upper airway and their expression, particularly that of uteroglobin-related protein 1, in chronic rhinosinusitis. Respiratory Research, 2011, 12, 28.	1.4	27
51	The IL-37â€"Mex3Bâ€"Toll-like receptor 3 axis in epithelial cells in patients with eosinophilic chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2020, 145, 160-172.	1.5	26
52	Respiratory viral infection in the chronic persistent phase of chronic rhinosinusitis. Laryngoscope, 2014, 124, 832-837.	1.1	25
53	Deficiency in interleukinâ€10 production by M2 macrophages in eosinophilic chronic rhinosinusitis with nasal polyps. International Forum of Allergy and Rhinology, 2018, 8, 1323-1333.	1.5	25
54	Clara Cell 10-kDa Protein Gene Transfection Inhibits NF-Î°B Activity in Airway Epithelial Cells. PLoS ONE, 2012, 7, e35960.	1.1	24

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55	Increased expression of TIPE2 in alternatively activated macrophages is associated with eosinophilic inflammation and disease severity in chronic rhinosinusitis with nasal polyps. International Forum of Allergy and Rhinology, 2017, 7, 963-972.	1.5	24
56	Functional role of kynurenine and aryl hydrocarbon receptor axis in chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 141, 586-600.e6.	1.5	24
57	Role of allergen-specific T-follicular helper cells in immunotherapy. Current Opinion in Allergy and Clinical Immunology, 2018, 18, 495-501.	1.1	24
58	Revisiting Asian chronic rhinosinusitis in the era of type 2 biologics. Clinical and Experimental Allergy, 2022, 52, 231-243.	1.4	24
59	MicroRNA in United Airway Diseases. International Journal of Molecular Sciences, 2016, 17, 716.	1.8	23
60	Inflammatory features and predictors for postsurgical outcomes in patients with nasal polyps stratified by local and systemic eosinophilia. International Forum of Allergy and Rhinology, 2021, 11, 846-856.	1.5	23
61	Angiotensinâ€converting enzyme II expression and its implication in the association between COVIDâ€19 and allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 906-910.	2.7	23
62	Characterizing the Neutrophilic Inflammation in Chronic Rhinosinusitis With Nasal Polyps. Frontiers in Cell and Developmental Biology, 2021, 9, 793073.	1.8	22
63	Common fibrin deposition and tissue plasminogen activator downregulation in nasal polyps with distinct inflammatory endotypes. Journal of Allergy and Clinical Immunology, 2020, 146, 677-681.	1.5	21
64	Evaluation of Long-Term Clarithromycin Treatment in Adult Chinese Patients with Chronic Rhinosinusitis without Nasal Polyps. Orl, 2011, 73, 206-211.	0.6	20
65	The Up-Regulated Expression of Tenascin C in Human Nasal Polyp Tissues is Related to Eosinophil-Derived Transforming Growth Factor Î²1. American Journal of Rhinology & Allergy, 2006, 20, 629-633.	2.3	19
66	Clara cell 10-kD protein in inflammatory upper airway diseases. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 25-30.	1.1	19
67	STING couples with PI3K to regulate actin reorganization during BCR activation. Science Advances, 2020, 6, eaax9455.	4.7	19
68	Expression of MicroRNA machinery proteins in different types of chronic rhinosinusitis. Laryngoscope, 2012, 122, 2621-2627.	1.1	18
69	Chronic Rhinosinusitis and COVID-19. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1423-1432.	2.0	18
70	A retrospective study of changes of histopathology of nasal polyps in adult Chinese in central China. Rhinology, 2019, 57, 261-267.	0.7	17
71	The characterization of chronic rhinosinusitis in hospitalized patients with COVID-19. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3597-3599.e2.	2.0	17
72	Defective STING expression potentiates IL-13 signaling in epithelial cells in eosinophilic chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2021, 147, 1692-1703.	1.5	17

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73	Coldâ€inducible RNAâ€binding protein contributes to tissue remodeling in chronic rhinosinusitis with nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 497-509.	2.7	15
74	Distinct mucosal immunopathologic profiles in atopic and nonatopic chronic rhinosinusitis without nasal polyps in Central China. International Forum of Allergy and Rhinology, 2016, 6, 1013-1019.	1.5	14
75	Role of microRNAs in inflammatory upper airway diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1967-1980.	2.7	14
76	Transdifferentiation of Clara Cell 10-kDa Protein Secreting Cells in Experimental Allergic Rhinitis. American Journal of Rhinology and Allergy, 2011, 25, 145-151.	1.0	13
77	Stromal cells and B cells orchestrate ectopic lymphoid tissue formation in nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1416-1431.	2.7	13
78	Extrafollicular PD-1highCXCR5â€“CD4+ T cells participate in local immunoglobulin production in nasal polyps. Journal of Allergy and Clinical Immunology, 2022, 149, 610-623.	1.5	13
79	A panel of clinical and biological markers predict difficultâ€toâ€treat chronic rhinosinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 946-949.	2.7	12
80	Clinical and Biological Markers Predict the Efficacy of Glucocorticoid- and Macrolide-Based Postoperative Therapy in Patients With Chronic Rhinosinusitis. American Journal of Rhinology and Allergy, 2021, 35, 596-606.	1.0	12
81	Regional differences in ACE2 expression in the sinonasal mucosa of adult Chinese patients with chronic rhinosinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1565-1568.	2.7	12
82	Chemosensory Dysfunction in Patients with COVID-19: What Do We Learn from the Global Outbreak?. Current Allergy and Asthma Reports, 2021, 21, 6.	2.4	11
83	Increased accumulation of CD30 ligandâ€positive mast cells associates with eosinophilic inflammation in nasal polyps. Laryngoscope, 2019, 129, E110-E117.	1.1	10
84	Chlorinated Flame-Retardant Dechlorane 602 Potentiates Type 2 Innate Lymphoid Cells and Exacerbates Airway Inflammation. Environmental Science & Technology, 2021, 55, 1099-1109.	4.6	10
85	T_{FH}2 cells associate with enhanced humoral immunity to SARSâ€CoVâ€2 inactivated vaccine in patients with allergic rhinitis. Clinical and Translational Medicine, 2022, 12, e717.	1.7	10
86	Inflammatory Endotypes and Tissue Remodeling Features in Antrochoanal Polyps. Allergy, Asthma and Immunology Research, 2021, 13, 863.	1.1	9
87	B Cellâ€“Activating Factor Promotes B Cell Survival in Ectopic Lymphoid Tissues in Nasal Polyps. Frontiers in Immunology, 2020, 11, 625630.	2.2	8
88	Clinical and biological markers in disease and biologics to treat chronic rhinosinusitis. Current Opinion in Allergy and Clinical Immunology, 2022, 22, 16-23.	1.1	8
89	Untargeted metabolomic profiling identifies disease-specific and outcome-related signatures in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology, 2022, 150, 727-735.e6.	1.5	8
90	Delayed virusâ€specific antibody responses associate with COVIDâ€19 mortality. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 574-577.	2.7	7

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91	An environmental study of tracheostomy on eight COVID-19 patients. Journal of Otolaryngology - Head and Neck Surgery, 2021, 50, 3.	0.9	7
92	Clinical-Pathological Correlation of the Pathophysiology and Mechanism of Action of COVID-19 â€" a Primer for Clinicians. Current Allergy and Asthma Reports, 2021, 21, 38.	2.4	7
93	Dendritic cells in inflammatory sinonasal diseases. Clinical and Experimental Allergy, 2016, 46, 894-906.	1.4	6
94	Comparison of efficacy of fluticasone propionate versus clarithromycin for postoperative treatment of different phenotypic chronic rhinosinusitis: a randomized controlled trial. Rhinology, 2019, 57, 101-109.	0.7	6
95	Predicting difficult-to-treat chronic rhinosinusitis by noninvasive biological markers. Rhinology, 2020, 59, 0-0.	0.7	6
96	Novel innate and adaptive lymphocytes: The new players in the pathogenesis of inflammatory upper airway diseases. Clinical and Experimental Allergy, 2018, 48, 620-631.	1.4	5
97	Hemokininâ€1 stimulates Câ€C motif chemokine ligand 24 production in macrophages to enhance eosinophilic inflammation in nasal polyps. International Forum of Allergy and Rhinology, 2019, 9, 1334-1345.	1.5	5
98	Evidence for the Presence of Long-Lived Plasma Cells in Nasal Polyps. Allergy, Asthma and Immunology Research, 2020, 12, 274.	1.1	5
99	Endoplasmic reticulum stress promotes local immunoglobulin E production in allergic rhinitis. Laryngoscope Investigative Otolaryngology, 2021, 6, 1256-1266.	0.6	4
100	Nine-month outcomes of tracheostomy in patients with COVID-19: A retrospective study. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2022, 43, 103437.	0.6	4
101	Expression of tenascin and fibronectin in nasal polyps. Journal of Huazhong University of Science and Technology [Medical Sciences], 2002, 22, 371-374.	1.0	3
102	Temporal Profiles of Antibody Responses, Cytokines, and Survival of COVID-19 Patients: A Retrospective Cohort in Wuhan, China. Engineering, 2021, 7, 958-965.	3.2	3
103	Nasal secretion tissue plasminogen activator: A novel effective predictor of nasal polyp recurrence. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 2191-2194.e3.	2.0	3
104	Allergen Immunotherapy Reverses Immune Response to SARS-CoV-2 Vaccine in Patients with Allergic Rhinitis: A Prospective Observational Trial. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 780-783.	2.5	3
105	Re: CEAâ€2015â€0096â€CRâ€AJW, Th17 polarization and upper airways: newÂinsights. Clinical and Experimental Allergy, 2015, 45, 1875-1875.	1.4	2
106	Profiling the immunological characteristics of exacerbation of chronic rhinosinusitis with nasal polyps. Clinical and Experimental Allergy, 2015, 45, 704-705.	1.4	1
107	Remodeling Features. , 2022, , 81-87.		1
108	p120 regulates E-cadherin expression in nasal epithelial cells in chronic rhinosinusitis. Rhinology, 2022, .	0.7	1

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109	Chinese expert recommendation on transnasal corticosteroid nebulization for the treatment of chronic rhinosinusitis 2021. Journal of Thoracic Disease, 2021, 13, 6217-6229.	0.6	0
110	Classification of eCRS: Based on disease outcome or normal range?: Comment on Toro et al.. Rhinology, 2022, .	0.7	0
111	Editorial: The Spectrum of Lymphoid Subsets in Allergic Diseases: Immune Regulation and Immunotherapy. Frontiers in Immunology, 2022, 13, 869781.	2.2	0