

Bruce K Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2017211/publications.pdf>

Version: 2024-02-01

105
papers

5,085
citations

101543

36
h-index

98798

67
g-index

116
all docs

116
docs citations

116
times ranked

3445
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent discharge or edema after endoscopic sinus surgery in patients with chronic rhinosinusitis is associated with a type 1 or 3 endotype. <i>International Forum of Allergy and Rhinology</i> , 2023, 13, 15-24.	2.8	3
2	Acute invasive fungal sinusitis: Epidemiology and outcomes in the United States. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 233-236.	2.8	7
3	Endotypes of chronic rhinosinusitis: Relationships to disease phenotypes, pathogenesis, clinical findings, and treatment approaches. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 812-826.	5.7	90
4	Prognostic factors for polyp recurrence in chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 352-361.e7.	2.9	39
5	Strong and consistent associations of precedent chronic rhinosinusitis with risk of non-cystic fibrosis bronchiectasis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 701-708.e4.	2.9	5
6	Anti-phospholipid antibodies are elevated and functionally active in chronic rhinosinusitis with nasal polyps. <i>Clinical and Experimental Allergy</i> , 2022, 52, 954-964.	2.9	4
7	Use of intraoperative frontal sinus mometasone-eluting stents decreased interleukin 5 and interleukin 13 in patients with chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 1330-1339.	2.8	4
8	International consensus statement on allergy and rhinology: Olfaction. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 327-680.	2.8	43
9	CRS-PRO and SNOT-22 correlations with type 2 inflammatory mediators in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 1377-1386.	2.8	10
10	Elevation of activated neutrophils in chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1666-1674.	2.9	28
11	Efficacy of an oral CRTH2 antagonist (AZD1981) in the treatment of chronic rhinosinusitis with nasal polyps in adults: A randomized controlled clinical trial. <i>Clinical and Experimental Allergy</i> , 2022, 52, 859-867.	2.9	9
12	Chronic rhinosinusitis: Future treatments and unmet needs. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 287-290.	2.9	4
13	What is the Optimal Timing of Computed Tomography Imaging to Objectively Confirm Chronic Rhinosinusitis?. <i>Laryngoscope</i> , 2021, 131, 248-249.	2.0	0
14	Activation of the 15-lipoxygenase pathway in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 600-612.	2.9	43
15	International consensus statement on allergy and rhinology: rhinosinusitis 2021. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 213-739.	2.8	398
16	Mechanisms and biomarkers of inflammatory endotypes in chronic rhinosinusitis without nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1306-1317.	2.9	63
17	Targetable pathogenic mechanisms in nasal polyposis. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 1220-1234.	2.8	9
18	Responsiveness and convergent validity of the chronic rhinosinusitis patient-reported outcome (CRS-PRO) measure in CRS patients undergoing endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 1308-1320.	2.8	10

#	ARTICLE	IF	CITATIONS
19	Studies of the role of basophils in aspirin-exacerbated respiratory disease pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 439-449.e5.	2.9	20
20	Prevalence of Bronchiectasis in Patients with Chronic Rhinosinusitis in a Tertiary Care Center. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3188-3195.e2.	3.8	12
21	Impact of type 2 targeting biologics on acute exacerbations of chronic rhinosinusitis. <i>Allergy and Asthma Proceedings</i> , 2021, 42, 417-424.	2.2	9
22	Utility of Point-of-Care COVID-19 Testing in an Outpatient Otolaryngology clinic. <i>OTO Open</i> , 2021, 5, 2473974X2110493.	1.4	0
23	Multi-omics colocalization with genome-wide association studies reveals a context-specific genetic mechanism at a childhood onset asthma risk locus. <i>Genome Medicine</i> , 2021, 13, 157.	8.2	21
24	Measuring the health utility of chronic eustachian tube dysfunction. <i>Laryngoscope</i> , 2020, 130, E39-E44.	2.0	13
25	TNF induces production of type 2 cytokines in human group 2 innate lymphoid cells. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 437-440.e8.	2.9	6
26	Role of RANK-L as a potential inducer of ILC2-mediated type 2 inflammation in chronic rhinosinusitis with nasal polyps. <i>Mucosal Immunology</i> , 2020, 13, 86-95.	6.0	25
27	Radiologic sinus inflammation and symptoms of chronic rhinosinusitis in a population-based sample. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 911-920.	5.7	28
28	Development and Preliminary Validation of a New Patient-Reported Outcome Measure for Chronic Rhinosinusitis (CRS-PRO). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2341-2350.e1.	3.8	15
29	Patient satisfaction survey experience among American otolaryngologists. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102656.	1.3	1
30	Integrin α 6 microparticles in nasal lavage fluids; potential new biomarkers for basal cell activation in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3261-3264.	5.7	6
31	Clinical Research Needs for the Management of Chronic Rhinosinusitis with Nasal Polyps in the New Era of Biologics: A National Institute of Allergy and Infectious Diseases Workshop. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1532-1549.e1.	3.8	38
32	A new approach to categorization of radiologic inflammation in chronic rhinosinusitis. <i>PLoS ONE</i> , 2020, 15, e0235432.	2.5	3
33	A Novel Role for 15-Lipoxygenase Metabolites in Aspirin Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, AB242.	2.9	2
34	Responsiveness and Convergent Validity of a New Patient-Reported Outcome Measure for Chronic Rhinosinusitis (CRS-PRO). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2351-2359.e2.	3.8	10
35	Predicting Obstructive Sleep Apnea Status With the Reflux Symptom Index in a Sleep Study Population. <i>Laryngoscope</i> , 2020, 130, E952-E957.	2.0	13
36	Clinical factors associated with acute exacerbations of chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1598-1605.	2.9	16

#	ARTICLE	IF	CITATIONS
37	Associations Between Inflammatory Endotypes and Clinical Presentations in Chronic Rhinosinusitis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2812-2820.e3.	3.8	221
38	Prevalence and characterization of chronic rhinosinusitis in patients with non-cystic fibrosis bronchiectasis at a tertiary care center in the United States. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1424-1429.	2.8	19
39	Increased thrombin-activatable fibrinolysis inhibitor levels in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1566-1574.e6.	2.9	20
40	Do NERDy eosinophils accelerate nasal polyp growth?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2291-2292.	5.7	4
41	Utilization of a novel interactive mobile health platform to evaluate functional outcomes and pain following septoplasty and functional endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 345-351.	2.8	17
42	Clinical Characteristics of Patients with Chronic Rhinosinusitis without Nasal Polyps in an Academic Setting. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1010-1016.	3.8	73
43	Are chronic cough and laryngopharyngeal reflux more common in obstructive sleep apnea patients?. <i>Laryngoscope</i> , 2019, 129, 1244-1249.	2.0	18
44	Procalcitonin as a Biomarker in Rhinosinusitis: A Systematic Review. <i>American Journal of Rhinology and Allergy</i> , 2019, 33, 103-112.	2.0	8
45	Longitudinal Evaluation of Chronic Rhinosinusitis Symptoms in a Population-Based Sample. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1327-1335.e3.	3.8	11
46	Asthma onset pattern and patient outcomes in a chronic rhinosinusitis population. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 495-503.	2.8	36
47	Pathogenic and protective roles of B cells and antibodies in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1553-1560.	2.9	28
48	IL-10, TGF- β 2, and glucocorticoid prevent the production of type 2 cytokines in human group 2 innate lymphoid cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1147-1151.e8.	2.9	40
49	How Often is Sinus Surgery Performed for Chronic Rhinosinusitis with versus without Nasal Polyps?. <i>American Journal of Rhinology and Allergy</i> , 2018, 32, 34-39.	2.0	14
50	Epithelial activators of type 2 inflammation: Elevation of thymic stromal lymphopoietin, but not IL-25 or IL-33, in chronic rhinosinusitis with nasal polyps in Chicago, Illinois. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2251-2254.	5.7	37
51	Proprotein convertases generate a highly functional heterodimeric form of thymic stromal lymphopoietin in humans. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1559-1567.e8.	2.9	27
52	The Clinical Significance of Specific Antibody Deficiency (SAD) Severity in Chronic Rhinosinusitis (CRS). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 1105-1111.	3.8	39
53	Microparticles in nasal lavage fluids in chronic rhinosinusitis: Potential biomarkers for diagnosis of aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 720-729.	2.9	31
54	Potential Involvement of the Epidermal Growth Factor Receptor Ligand Epiregulin and Matrix Metalloproteinase-1 in Pathogenesis of Chronic Rhinosinusitis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 334-345.	2.9	16

#	ARTICLE	IF	CITATIONS
55	Group 2 innate lymphoid cells are elevated and activated in chronic rhinosinusitis with nasal polyps. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 233-243.	2.7	105
56	Response to Song et al.. <i>American Journal of Gastroenterology</i> , 2017, 112, 812-813.	0.4	0
57	Acquired Immunity in Chronic Rhinosinusitis. <i>Current Allergy and Asthma Reports</i> , 2017, 17, 49.	5.3	9
58	Evidence for altered levels of IgD in the nasal airway mucosa of patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1562-1571.e5.	2.9	24
59	Superior turbinate eosinophilia correlates with olfactory deficit in chronic rhinosinusitis patients. <i>Laryngoscope</i> , 2017, 127, 2210-2218.	2.0	48
60	Evaluating metrics of responsiveness using patient-reported outcome measures in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 128-134.	2.8	16
61	Neutrophils are a major source of the epithelial barrier disrupting cytokine oncostatin M in patients with mucosal airways disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1966-1978.e9.	2.9	103
62	Classical complement pathway activation in the nasal tissue of patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 89-100.e2.	2.9	36
63	A prospective analysis evaluating tissue biopsy location and its clinical relevance in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 1058-1064.	2.8	18
64	Contemporary Pharmacotherapy for Allergic Rhinitis and Chronic Rhinosinusitis. <i>Otolaryngologic Clinics of North America</i> , 2017, 50, 1135-1151.	1.1	11
65	Airway autoimmune responses in severe eosinophilic asthma following low-dose Mepolizumab therapy. <i>Allergy, Asthma and Clinical Immunology</i> , 2017, 13, 2.	2.0	46
66	Proton pump inhibitors decrease eotaxin-3/CCL26 expression in patients with chronic rhinosinusitis with nasal polyps: Possible role of the nongastric H,K-ATPase. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 130-141.e11.	2.9	63
67	Heterogeneous inflammatory patterns in chronic rhinosinusitis without nasal polyps in Chicago, Illinois. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 699-703.e7.	2.9	140
68	Potential national savings from prescribing guideline-recommended antibiotics for acute rhinosinusitis. <i>Laryngoscope</i> , 2016, 126, 579-581.	2.0	1
69	A pilot study of symptom profiles from a polyp vs an eosinophilic-based classification of chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 500-507.	2.8	47
70	Tissue proteases convert CCL23 into potent monocyte chemoattractants in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1274-1277.e9.	2.9	9
71	Oropharyngeal pH Testing Does Not Predict Response to Proton Pump Inhibitor Therapy in Patients with Laryngeal Symptoms. <i>American Journal of Gastroenterology</i> , 2016, 111, 1517-1524.	0.4	45
72	The quest for autoreactive antibodies in nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 893-895.e5.	2.9	20

#	ARTICLE	IF	CITATIONS
73	Abilities of Oropharyngeal pH Tests and Salivary Pepsin Analysis to Discriminate Between Asymptomatic Volunteers and Subjects With Symptoms of Laryngeal Irritation. <i>Clinical Gastroenterology and Hepatology</i> , 2016, 14, 535-542.e2.	4.4	68
74	Occupational and environmental risk factors for chronic rhinosinusitis: a systematic review. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 996-1003.	2.8	50
75	Measurement and comparison of health utility assessments in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 929-936.	2.8	26
76	Brand Name and Generic Proton Pump Inhibitor Prescriptions in the United States: Insights from the National Ambulatory Medical Care Survey (2006-2010). <i>Gastroenterology Research and Practice</i> , 2015, 1-7.	1.5	23
77	Oncostatin M promotes mucosal epithelial barrier dysfunction, and its expression is increased in patients with eosinophilic mucosal disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 737-746.e4.	2.9	114
78	Increased noneosinophilic nasal polyps in chronic rhinosinusitis in US second-generation Asians suggest genetic regulation of eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 576-579.	2.9	94
79	Clinical Characteristics of Adults With Chronic Rhinosinusitis and Specific Antibody Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015, 3, 236-242.	3.8	35
80	National Trends in Retropharyngeal Abscess among Adult Inpatients with Peritonsillar Abscess. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 661-666.	1.9	13
81	Cytokines in Chronic Rhinosinusitis. Role in Eosinophilia and Aspirin-exacerbated Respiratory Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 682-694.	5.6	224
82	Association of common filaggrin null mutations with atopy but not chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 114, 420-421.	1.0	1
83	Cost-Efficient Workup and Management of Patients with Chronic Rhinosinusitis: Challenges and Unmet Needs. <i>Current Otorhinolaryngology Reports</i> , 2015, 3, 94-100.	0.5	5
84	Patient knowledge and perception of computed tomography scan in the management of chronic rhinosinusitis symptoms. <i>Laryngoscope</i> , 2015, 125, 791-795.	2.0	14
85	Increased expression of the epithelial anion transporter pendrin/SLC26A4 in nasal polyps of patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1548-1558.e7.	2.9	51
86	Basophils are elevated in nasal polyps of patients with chronic rhinosinusitis without aspirin sensitivity. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1759-1763.	2.9	80
87	Current Utilization of Balloon Dilation versus Endoscopic Techniques in Pediatric Sinus Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 852-860.	1.9	22
88	Suppressor of cytokine signaling 3 expression is diminished in sinonasal tissues from patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 275-277.e1.	2.9	11
89	Chronic rhinosinusitis with nasal polyps is characterized by B-cell inflammation and EBV-induced protein 2 expression. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1075-1083.e7.	2.9	109

#	ARTICLE	IF	CITATIONS
91	Incidence and associated premorbid diagnoses of patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1350-1360.	2.9	189
92	Thymic stromal lymphopoietin activity is increased in nasal polyps of patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 593-600.e12.	2.9	210
93	Regional differences in the expression of innate host defense molecules in sinonasal mucosa. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1227-1230.e5.	2.9	29
94	National burden of antibiotic use for adult rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1230-1232.	2.9	92
95	Increased expression of factor XIII-A in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 584-592.e4.	2.9	104
96	Effect of symptom-based risk stratification on the costs of managing patients with chronic rhinosinusitis symptoms. <i>International Forum of Allergy and Rhinology</i> , 2013, 3, 933-940.	2.8	20
97	Excessive Fibrin Deposition in Nasal Polyps Caused by Fibrinolytic Impairment through Reduction of Tissue Plasminogen Activator Expression. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 49-57.	5.6	138
98	Increased expression of CC chemokine ligand 18 in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 119-127.e9.	2.9	77
99	Glandular mast cells with distinct phenotype are highly elevated in chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 410-420.e5.	2.9	120
100	Evidence for intranasal antinuclear autoantibodies in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1198-1206.e1.	2.9	169
101	Osteomeatal Complex Obstruction is not Associated with Adjacent Sinus Disease in Chronic Rhinosinusitis with Polyps. <i>American Journal of Rhinology and Allergy</i> , 2011, 25, 401-403.	2.0	31
102	Atopic profile of patients failing medical therapy for chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2011, 1, 88-94.	2.8	87
103	A randomized trial examining the effect of pretreatment point-of-care computed tomography imaging on the management of patients with chronic rhinosinusitis symptoms. <i>International Forum of Allergy and Rhinology</i> , 2011, 1, 229-234.	2.8	18
104	Perspectives on the etiology of chronic rhinosinusitis. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2010, 18, 21-26.	1.8	85
105	Postoperative Prevention and Treatment of Complications After Sinus Surgery. <i>Otolaryngologic Clinics of North America</i> , 2010, 43, 769-779.	1.1	30