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List of Publications by Year in descending order

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83
papers

2,830
citations

236925

25
h-index

197818

49
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83
all docs

83
docs citations

83
times ranked

4335
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Transformations of Neurodevelopmental Sequences across Mammalian Species. <i>Journal of Neuroscience</i> , 2013, 33, 7368-7383.	3.6	687
2	Endonasal instrumentation and aerosolization risk in the era of COVID-19: simulation, literature review, and proposed mitigation strategies. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 798-805.	2.8	284
3	Solitary chemosensory cells are a primary epithelial source of IL-25 in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 460-469.e7.	2.9	123
4	Airborne Aerosol Generation During Endonasal Procedures in the Era of COVID-19: Risks and Recommendations. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 465-470.	1.9	118
5	Species-level bacterial community profiling of the healthy sinonasal microbiome using Pacific Biosciences sequencing of full-length 16S rRNA genes. <i>Microbiome</i> , 2018, 6, 190.	11.1	117
6	Correlation of T2R38 taste phenotype and in vitro biofilm formation from nonpolypoid chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 783-791.	2.8	71
7	Biomarkers in Chronic Rhinosinusitis with Nasal Polyps. <i>Immunology and Allergy Clinics of North America</i> , 2018, 38, 679-692.	1.9	63
8	The timing of retears after arthroscopic rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 2054-2059.	2.6	62
9	Demonstration and Mitigation of Aerosol and Particle Dispersion During Mastoidectomy Relevant to the COVID-19 Era. <i>Otology and Neurotology</i> , 2020, 41, 1230-1239.	1.3	56
10	The Role of Bitter and Sweet Taste Receptors in Upper Airway Immunity. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 72.	5.3	53
11	Odontogenic sinusitis: developments in diagnosis, microbiology, and treatment. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2018, 26, 27-33.	1.8	51
12	T2R38 genotype is correlated with sinonasal quality of life in homozygous $\Delta F508$ cystic fibrosis patients. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 356-361.	2.8	50
13	The Effect of Drugs and Other Compounds on the Ciliary Beat Frequency of Human Respiratory Epithelium. <i>American Journal of Rhinology and Allergy</i> , 2014, 28, 454-464.	2.0	48
14	Solitary chemosensory cells producing interleukin-25 and group 2 innate lymphoid cells are enriched in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 900-906.	2.8	47
15	Fungal Aflatoxins Reduce Respiratory Mucosal Ciliary Function. <i>Scientific Reports</i> , 2016, 6, 33221.	3.3	44
16	Relative susceptibility of airway organisms to antimicrobial effects of nitric oxide. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 770-776.	2.8	37
17	The Role of Quinine-Responsive Taste Receptor Family 2 in Airway Immune Defense and Chronic Rhinosinusitis. <i>Frontiers in Immunology</i> , 2018, 9, 624.	4.8	35
18	Sentinels at the wall: epithelial-derived cytokines serve as triggers of upper airway type 2 inflammation. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 93-99.	2.8	35

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19	Human exceptionalism. Trends in Cognitive Sciences, 2013, 17, 199-201.	7.8	34
20	Patient, disease, and treatment factors associated with overall survival in esthesioneuroblastoma. International Forum of Allergy and Rhinology, 2017, 7, 1186-1194.	2.8	33
21	Sinonasal quality of life after endoscopic resection of malignant sinonasal and skull base tumors. Laryngoscope, 2018, 128, 789-793.	2.0	33
22	Aerosol Dispersion During Mastoidectomy and Custom Mitigation Strategies for Otologic Surgery in the COVID-19 Era. Otolaryngology - Head and Neck Surgery, 2021, 164, 67-73.	1.9	32
23	The role of bitter and sweet taste receptors in upper airway innate immunity: Recent advances and future directions. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2018, 4, 200-208.	1.6	31
24	Protease-activated receptor 2 activates airway apical membrane chloride permeability and increases ciliary beating. FASEB Journal, 2018, 32, 155-167.	0.5	30
25	Bitter and sweet taste tests are reflective of disease status in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1078-1080.	3.8	29
26	Fungal extracts stimulate solitary chemosensory cell expansion in noninvasive fungal rhinosinusitis. International Forum of Allergy and Rhinology, 2019, 9, 730-737.	2.8	29
27	Sinonasal T2R-Mediated Nitric Oxide Production in Response to <i>Bacillus Cereus</i> . American Journal of Rhinology and Allergy, 2017, 31, 211-215.	2.0	27
28	A Population-Based Analysis of Nodal Metastases in Esthesioneuroblastomas of the Sinonasal Tract. Laryngoscope, 2019, 129, 1025-1029.	2.0	27
29	<i>Staphylococcus aureus</i> triggers nitric oxide production in human upper airway epithelium. International Forum of Allergy and Rhinology, 2015, 5, 808-813.	2.8	25
30	Posttreatment surveillance for sinonasal malignancy. Current Opinion in Otolaryngology and Head and Neck Surgery, 2017, 25, 86-92.	1.8	24
31	Denatonium-induced sinonasal bacterial killing may play a role in chronic rhinosinusitis outcomes. International Forum of Allergy and Rhinology, 2017, 7, 699-704.	2.8	24
32	Role of Taste Receptors as Sentinels of Innate Immunity in the Upper Airway. Journal of Pathogens, 2018, 2018, 1-8.	1.4	24
33	Adenoid cystic carcinoma of the sinonasal tract: a review of the national cancer database. International Forum of Allergy and Rhinology, 2019, 9, 427-434.	2.8	23
34	Suction mitigation of airborne particulate generated during sinonasal drilling and cautery. International Forum of Allergy and Rhinology, 2020, 10, 1136-1140.	2.8	21
35	Disparities in sinonasal squamous cell carcinoma short- and long-term outcomes: Analysis from the national cancer database. Laryngoscope, 2018, 128, 560-567.	2.0	20
36	¹⁸ F-FDG PET/CT in Routine Surveillance of Asymptomatic Patients following Treatment of Sinonasal Neoplasms. Otolaryngology - Head and Neck Surgery, 2017, 157, 1068-1074.	1.9	18

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37	Translating transcription: proteomics in chronic rhinosinusitis with nasal polyps reveals significant discordance with messenger RNA expression. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 776-786.	2.8	18
38	Leiomyosarcoma of the head and neck: A 17-year single institution experience and review of the National Cancer Data Base. <i>Head and Neck</i> , 2018, 40, 756-762.	2.0	17
39	Bronchoalveolar lavage (BAL) soluble components stimulate sinonasal innate immunity. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 370-377.	2.8	17
40	Increasing Medical Student Exposure to IR through Integration of IR into the Gross Anatomy Course. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1455-1460.	0.5	16
41	Discriminant analysis followed by unsupervised cluster analysis including exosomal cystatins predict presence of chronic rhinosinusitis, phenotype, and disease severity. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1069-1076.	2.8	16
42	Analysis of Price Transparency for Oncologic Surgery Among National Cancer Institute "Designated Cancer Centers in 2020. <i>JAMA Surgery</i> , 2021, 156, 582.	4.3	16
43	Taste Receptor Polymorphisms and Immune Response: A Review of Receptor Genotypic-Phenotypic Variations and Their Relevance to Chronic Rhinosinusitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 64.	3.9	15
44	Inverted papilloma with multifocal attachment is associated with increased recurrence. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 865-869.	2.8	15
45	Value of Intensive Care Unit-Based Postoperative Management for Microvascular Free Flap Reconstruction in Head and Neck Surgery. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, 23, 49-53.	0.9	14
46	Considerations in Management of Acute Otitis Media in the COVID-19 Era. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2021, 130, 520-527.	1.1	14
47	Costs in Pituitary Surgery: Racial, Socioeconomic, and Hospital Factors. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, 522-527.	0.8	13
48	Efficacy of fluticasone exhalation delivery system in the management of chronic rhinosinusitis: what is the evidence?. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, S16-S21.	2.8	13
49	Divergent bitter and sweet taste perception intensity in chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 857-865.	2.8	13
50	Adenocarcinoma of the Sinonasal Tract: A Review of the National Cancer Database. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, 701-708.	0.8	12
51	Biologic therapies versus surgical management for aspirin-exacerbated respiratory disease: A review of preliminary data, efficacy, and cost. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2020, 6, 230-234.	1.6	11
52	Significant polyomic and functional upregulation of the PAPP-A/IGFBP4/5/IGF1 axis in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 546-555.	2.8	11
53	Sinonasal mucoepidermoid carcinoma: a review of the National Cancer Database. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1046-1053.	2.8	10
54	Clinical Implications of Carcinoma In Situ in Sinonasal Inverted Papilloma. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 1036-1042.	1.9	10

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55	Aerosolâ€scavenging isolation barrier mitigates exposure risk during endonasal procedures in coronavirusâ€2019. International Forum of Allergy and Rhinology, 2021, 11, 1015-1018.	2.8	10
56	Quantifying Aerosolization of Facial Plastic Surgery Procedures in the COVID-19 Era: Safety and Particle Generation in Craniomaxillofacial Trauma and Rhinoplasty. Facial Plastic Surgery and Aesthetic Medicine, 2020, 22, 321-326.	0.9	9
57	Aerosolization During Common Ventilation Scenarios. Otolaryngology - Head and Neck Surgery, 2020, 163, 702-704.	1.9	9
58	The Impact of COVID-19 on Otolaryngology Community Practice in Massachusetts. Otolaryngology - Head and Neck Surgery, 2021, 165, 424-430.	1.9	9
59	Accuracy of Selfâ€reported Diagnosis of Chronic Rhinosinusitis. Otolaryngology - Head and Neck Surgery, 2019, 160, 556-558.	1.9	8
60	Rates of symptomatology are lower in recurrent sinonasal malignancy than in other recurrent cancers of the head and neck: a multiâ€institutional study. International Forum of Allergy and Rhinology, 2019, 9, 688-694.	2.8	7
61	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 180-186.	0.8	6
62	Unexpected effects of systemic steroids on the CRSwNP proteome: is protein upregulation more important than inhibition?. International Forum of Allergy and Rhinology, 2020, 10, 334-342.	2.8	6
63	Airborne aerosol olfactory deposition contributes to anosmia in COVID-19. PLoS ONE, 2021, 16, e0244127.	2.5	6
64	Private payerâ€negotiated prices for FDAâ€approved biologic treatments for allergic diseases. International Forum of Allergy and Rhinology, 2022, 12, 798-801.	2.8	6
65	Do Patients With Chronic Rhinosinusitis Exhibit Elevated Rates of Covidâ€19 Infection?. Laryngoscope, 2021, , .	2.0	5
66	Effects of ophthalmologic solutions on sinonasal ciliated epithelium. International Forum of Allergy and Rhinology, 2017, 7, 801-808.	2.8	4
67	Response to â€œAerosol or droplet: critical definitions in the COVIDâ€19 eraâ€ International Forum of Allergy and Rhinology, 2020, 10, 970-970.	2.8	4
68	Educational utility of an online <sc>videoâ€based</sc> teaching tool for sinus and skull base surgery. Laryngoscope Investigative Otolaryngology, 2021, 6, 195-199.	1.5	4
69	<sc>AHNS</sc> endocrine surgery section consensus statement on nasopharyngolaryngoscopy and clinic reopening during <sc>COVID</sc>â€19: How to get back to optimal safe care. Head and Neck, 2021, 43, 733-738.	2.0	3
70	Contemporary Incremental Healthcare Costs for Allergic Rhinitis in the United States. Laryngoscope, 2022, 132, 1510-1514.	2.0	3
71	Phase I safety and tolerability study of topical verapamil HCl in chronic rhinosinusitis with nasal polyps. International Forum of Allergy and Rhinology, 2022, 12, 1071-1074.	2.8	3
72	Incidence, risk factors, and outcomes of endoscopic sinus surgery after endoscopic skullâ€base surgery. International Forum of Allergy and Rhinology, 2020, 10, 521-525.	2.8	2

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73	Effects of BNO 1016 on ciliary transport velocity and cell culture surface liquid height of sinonasal epithelial cultures. <i>Clinical Phytoscience</i> , 2021, 7, .	1.6	2
74	IMPROVING BARRIER DRAPES FOR THE MITIGATION OF AEROSOL AND PARTICULATE SPREAD DURING MASTOIDECTOMY. <i>Otology and Neurotology</i> , 2021, 42, 347-349.	1.3	2
75	Chronic Rhinosinusitis and the Risk of Erectile Dysfunction. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 779-781.	1.9	2
76	The Role of Taste Receptors in Airway Innate Immune Defense. <i>Sinusitis</i> , 2018, 3, 6.	0.2	1
77	National Geographical Variation in Sinus Balloon Dilation. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 761-766.	1.9	1
78	Rhinoplasty Patients Do Not Have Higher Rates of Antidepressant, Anxiolytic, and <scp>ADHD</scp> Medication Use. <i>Laryngoscope</i> , 2022, 132, 2368-2369.	2.0	1
79	Aerosol Generation During Nasal Airway Instrumentation. <i>Otolaryngology - Head and Neck Surgery</i> , 2023, 168, 506-513.	1.9	1
80	Rate of COVID-19 Infection in Patients Following Otolaryngology vs Non-otolaryngology Outpatient Encounters. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, , 019459982110497.	1.9	0
81	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
82	Incidence, Risk Factors, and Outcomes of Endoscopic Sinus Surgery after Endoscopic Skull Base Surgery. , 2019, 80, .		0
83	Surgical Considerations in Endoscopic Pituitary Approaches for the Otolaryngologist. <i>Otolaryngologic Clinics of North America</i> , 2022, 55, 381-388.	1.1	0