

# Noam A Cohen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6923131/noam-a-cohen-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212  
papers

8,849  
citations

48  
h-index

87  
g-index

226  
ext. papers

10,497  
ext. citations

4.8  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
212	EPOS 2012: European position paper on rhinosinusitis and nasal polyps 2012. A summary for otorhinolaryngologists. <i>Rhinology</i> , <b>2012</b> , 50, 1-12	7	711
211	European Position Paper on Rhinosinusitis and Nasal Polyps 2012. <i>Rhinology Supplement</i> , <b>2012</b> , 23, 3 p preceding table of contents, 1-298		431
210	T2R38 taste receptor polymorphisms underlie susceptibility to upper respiratory infection. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 4145-59	15.9	365
209	International Consensus Statement on Allergy and Rhinology: Rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6 Suppl 1, S22-209	6.3	314
208	???????????? : ????. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, S22-S209	6.3	308
207	CAPON: a protein associated with neuronal nitric oxide synthase that regulates its interactions with PSD95. <i>Neuron</i> , <b>1998</b> , 20, 115-24	13.9	307
206	Bitter and sweet taste receptors regulate human upper respiratory innate immunity. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 1393-405	15.9	252
205	Binding of the inward rectifier K <sup>+</sup> channel Kir 2.3 to PSD-95 is regulated by protein kinase A phosphorylation. <i>Neuron</i> , <b>1996</b> , 17, 759-67	13.9	246
204	Chronic rhinosinusitis pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1442-1453	11.5	196
203	Spontaneous CSF leaks: a paradigm for definitive repair and management of intracranial hypertension. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2008</b> , 138, 715-20	5.5	191
202	Baby shampoo nasal irrigations for the symptomatic post-functional endoscopic sinus surgery patient. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 34-7		127
201	Mechanism of hyperinsulinism in short-chain 3-hydroxyacyl-CoA dehydrogenase deficiency involves activation of glutamate dehydrogenase. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 31806-18	5.4	123
200	Diagnosis and management of rhinosinusitis: a practice parameter update. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2014</b> , 113, 347-85	3.2	122
199	Prevalence of biofilm-forming bacteria in chronic rhinosinusitis. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 239-45		121
198	Sinonasal mucociliary clearance in health and disease. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2006</b> , 116, 20-6	2.1	110
197	Acquired cilia dysfunction in chronic rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , <b>2012</b> , 26, 1-6	2.4	109
196	The bitter taste receptor T2R38 is an independent risk factor for chronic rhinosinusitis requiring sinus surgery. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 3-7	6.3	102

195	International consensus statement on allergy and rhinology: rhinosinusitis 2021. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> , 11, 213-739	6.3	97
194	Cigarette smoke condensate inhibits transepithelial chloride transport and ciliary beat frequency. <i>Laryngoscope</i> , <b>2009</b> , 119, 2269-74	3.6	94
193	Mucociliary clearance--a critical upper airway host defense mechanism and methods of assessment. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2007</b> , 7, 5-10	3.3	94
192	Erythropoietin signaling promotes invasiveness of human head and neck squamous cell carcinoma. <i>Neoplasia</i> , <b>2005</b> , 7, 537-43	6.4	88
191	Cigarette smoke exposure impairs respiratory epithelial ciliogenesis. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 117-22	2.4	86
190	Murine nasal septa for respiratory epithelial air-liquid interface cultures. <i>BioTechniques</i> , <b>2007</b> , 43, 195-6, 198, 200 passim	2.5	84
189	Taste receptors in innate immunity. <i>Cellular and Molecular Life Sciences</i> , <b>2015</b> , 72, 217-36	10.3	83
188	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> , <b>2018</b> , 142, 460-469.e7	11.5	83
187	Epithelium, cilia, and mucus: their importance in chronic rhinosinusitis. <i>Immunology and Allergy Clinics of North America</i> , <b>2009</b> , 29, 631-43	3.3	80
186	Clinical outcomes of endoscopic and endoscopic-assisted resection of inverted papillomas: a 15-year experience. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2007</b> , 21, 591-600		78
185	Biofilms in chronic rhinosinusitis: a review. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 255-60	2.4	75
184	Altered sinonasal ciliary dynamics in chronic rhinosinusitis. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2006</b> , 20, 325-9		73
183	Bitter and sweet taste receptors in the respiratory epithelium in health and disease. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 1235-44	5.5	70
182	Mouse nasal epithelial innate immune responses to <i>Pseudomonas aeruginosa</i> quorum-sensing molecules require taste signaling components. <i>Innate Immunity</i> , <b>2014</b> , 20, 606-17	2.7	70
181	Genetics of the taste receptor T2R38 correlates with chronic rhinosinusitis necessitating surgical intervention. <i>International Forum of Allergy and Rhinology</i> , <b>2013</b> , 3, 184-7	6.3	68
180	Effects of an LL-37-derived antimicrobial peptide in an animal model of biofilm <i>Pseudomonas sinusitis</i> . <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 46-51	2.4	66
179	TAS2R38 genotype predicts surgical outcome in nonpolypoid chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 25-33	6.3	64
178	Species-level bacterial community profiling of the healthy sinonasal microbiome using Pacific Biosciences sequencing of full-length 16S rRNA genes. <i>Microbiome</i> , <b>2018</b> , 6, 190	16.6	64

177	Inflammation-mediated upregulation of centrosomal protein 110, a negative modulator of ciliogenesis, in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 128, 1207-1215.e1	11.5	63
176	SARS-CoV-2 induces double-stranded RNA-mediated innate immune responses in respiratory epithelial-derived cells and cardiomyocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	61
175	Bacterial d-amino acids suppress sinonasal innate immunity through sweet taste receptors in solitary chemosensory cells. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	59
174	Tobacco smoke mediated induction of sinonasal microbial biofilms. <i>PLoS ONE</i> , <b>2011</b> , 6, e15700	3.7	59
173	Role of the bitter taste receptor T2R38 in upper respiratory infection and chronic rhinosinusitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2015</b> , 15, 14-20	3.3	58
172	Biofilms in chronic rhinosinusitis. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , <b>2010</b> , 18, 27-31	2	57
171	Familial aggregation of sinonasal polyps correlates with severity of disease. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2006</b> , 134, 601-4	5.5	55
170	Evaluation of the in vivo efficacy of topical tobramycin against <i>Pseudomonas</i> sinonasal biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 1130-4	5.1	54
169	The emerging role of the bitter taste receptor T2R38 in upper respiratory infection and chronic rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , <b>2013</b> , 27, 283-6	2.4	52
168	Inhibition of an inward rectifier potassium channel (Kir2.3) by G-protein betagamma subunits. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 32301-5	5.4	51
167	Correlation of T2R38 taste phenotype and in vitro biofilm formation from nonpolypoid chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 783-91	6.3	50
166	An in vitro model of <i>Pseudomonas aeruginosa</i> biofilms on viable airway epithelial cell monolayers. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 235-8		48
165	Murine tracheal and nasal septal epithelium for air-liquid interface cultures: a comparative study. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2007</b> , 21, 533-7		48
164	Biofilms correlate with TH1 inflammation in the sinonasal tissue of patients with chronic rhinosinusitis. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2009</b> , 141, 448-53	5.5	44
163	Endoscopic sinus surgery: where we are-and where we're going. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , <b>2005</b> , 13, 32-8	2	44
162	The effect of diabetes mellitus on chronic rhinosinusitis and sinus surgery outcome. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 315-20	6.3	42
161	Reversal of chronic rhinosinusitis-associated sinonasal ciliary dysfunction. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2007</b> , 21, 346-53		42
160	Use of topical nasal therapies in the management of chronic rhinosinusitis. <i>Laryngoscope</i> , <b>2013</b> , 123, 2347-59	3.6	41

159	Development of solitary chemosensory cells in the distal lung after severe influenza injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 316, L1141-L1149	5.8	40
158	New insights into upper airway innate immunity. <i>American Journal of Rhinology and Allergy</i> , <b>2016</b> , 30, 319-23	2.4	40
157	The Role of Bitter and Sweet Taste Receptors in Upper Airway Immunity. <i>Current Allergy and Asthma Reports</i> , <b>2015</b> , 15, 72	5.6	38
156	Cilia dysfunction. <i>Otolaryngologic Clinics of North America</i> , <b>2010</b> , 43, 461-72, vii	2	38
155	Nasal nitric oxide and sinonasal disease: a systematic review of published evidence. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2011</b> , 144, 159-69	5.5	38
154	Nitric oxide production is stimulated by bitter taste receptors ubiquitously expressed in the sinonasal cavity. <i>American Journal of Rhinology and Allergy</i> , <b>2017</b> , 31, 85-92	2.4	37
153	Asthma and biofilm-forming bacteria are independently associated with revision sinus surgeries for chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 128, 221-223.e1	11.5	37
152	Transient receptor potential vanilloid type 4 channel expression in chronic rhinosinusitis. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 7-12		37
151	Sinus irrigations before and after surgery-Visualization through computational fluid dynamics simulations. <i>Laryngoscope</i> , <b>2016</b> , 126, E90-6	3.6	37
150	Quantification of Ciliary Beat Frequency in Sinonasal Epithelial Cells Using Differential Interference Contrast Microscopy and High-Speed Digital Video Imaging. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2006</b> , 20, 124-127		36
149	Taste Receptors: Regulators of Sinonasal Innate Immunity. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2016</b> , 1, 88-95	2.8	35
148	Sinonasal solitary chemosensory cells "taste" the upper respiratory environment to regulate innate immunity. <i>American Journal of Rhinology and Allergy</i> , <b>2014</b> , 28, 366-73	2.4	35
147	Dose-dependent effects of topical tobramycin in an animal model of Pseudomonas sinusitis. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2007</b> , 21, 423-7		35
146	Interleukin-17A (IL-17A) and IL-17F Are Critical for Antimicrobial Peptide Production and Clearance of Staphylococcus aureus Nasal Colonization. <i>Infection and Immunity</i> , <b>2016</b> , 84, 3575-3583	3.7	34
145	Vasoactive intestinal peptide regulates sinonasal mucociliary clearance and synergizes with histamine in stimulating sinonasal fluid secretion. <i>FASEB Journal</i> , <b>2013</b> , 27, 5094-103	0.9	34
144	Molecular modulation of airway epithelial ciliary response to sneezing. <i>FASEB Journal</i> , <b>2012</b> , 26, 3178-87	0.9	34
143	Preoperative Lund-Mackay computed tomography score is associated with preoperative symptom severity and predicts quality-of-life outcome trajectories after sinus surgery. <i>International Forum of Allergy and Rhinology</i> , <b>2018</b> , 8, 668-675	6.3	33
142	Regulation of virulence gene expression resulting from Streptococcus pneumoniae and nontypeable Haemophilus influenzae interactions in chronic disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e28523	3.7	33

141	Biomarkers in Chronic Rhinosinusitis with Nasal Polyps. <i>Immunology and Allergy Clinics of North America</i> , <b>2018</b> , 38, 679-692	3.3	33
140	T2R38 genotype is correlated with sinonasal quality of life in homozygous $\Delta 508$ cystic fibrosis patients. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 356-61	6.3	32
139	The effect of drugs and other compounds on the ciliary beat frequency of human respiratory epithelium. <i>American Journal of Rhinology and Allergy</i> , <b>2014</b> , 28, 454-64	2.4	32
138	Zinc increases ciliary beat frequency in a calcium-dependent manner. <i>American Journal of Rhinology and Allergy</i> , <b>2010</b> , 24, 6-10	2.4	32
137	The genetics of the bitter taste receptor T2R38 in upper airway innate immunity and implications for chronic rhinosinusitis. <i>Laryngoscope</i> , <b>2017</b> , 127, 44-51	3.6	31
136	Clinical factors associated with bacterial biofilm formation in chronic rhinosinusitis. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2011</b> , 144, 457-62	5.5	31
135	CALHM1-Mediated ATP Release and Ciliary Beat Frequency Modulation in Nasal Epithelial Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 6687	4.9	30
134	A role for two-pore K <sup>+</sup> channels in modulating Na <sup>+</sup> absorption and Cl <sup>-</sup> secretion in normal human bronchial epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L4-L12	5.8	30
133	In vivo effects of citric acid/zwitterionic surfactant cleansing solution on rabbit sinus mucosa. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 597-601	2.4	29
132	Revision endoscopic sinus surgery. <i>Otolaryngologic Clinics of North America</i> , <b>2006</b> , 39, 417-35, vii	2	29
131	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> , <b>2018</b> , 8, 900	6.3	28
130	Secondhand smoke inhibits both Cl <sup>-</sup> and K <sup>+</sup> conductances in normal human bronchial epithelial cells. <i>Respiratory Research</i> , <b>2009</b> , 10, 120	7.3	28
129	Quality of life improvement from sinus surgery in chronic rhinosinusitis patients with asthma and nasal polyps. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 885-92	6.3	27
128	Macrophages promote epithelial proliferation following infectious and non-infectious lung injury through a Trefoil factor 2-dependent mechanism. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 64-76	9.2	27
127	Cellular adaptive inflammation mediates airway granulation in a murine model of subglottic stenosis. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2011</b> , 144, 927-33	5.5	26
126	Regional Analysis of Sinonasal Ciliary Beat Frequency. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2006</b> , 20, 150-154		25
125	Bitter and sweet taste tests are reflective of disease status in chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2018</b> , 6, 1078-1080	5.4	24
124	Comparison of vectorial ion transport in primary murine airway and human sinonasal air-liquid interface cultures, models for studies of cystic fibrosis, and other airway diseases. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 149-52	2.4	24

123	The human olfactory cleft mucus proteome and its age-related changes. <i>Scientific Reports</i> , <b>2018</b> , 8, 17170-9	4.9	24
122	Clinical correlation between irrigation bottle contamination and clinical outcomes in post-functional endoscopic sinus surgery patients. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 401-4	2.4	23
121	Physiologic alterations in the murine model after nasal fungal antigenic exposure. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2008</b> , 139, 695-701	5.5	23
120	Use of image-guided computed tomography-magnetic resonance fusion for complex endoscopic sinus and skull base surgery. <i>Laryngoscope</i> , <b>2005</b> , 115, 753-5	3.6	23
119	Relative susceptibility of airway organisms to antimicrobial effects of nitric oxide. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 770-776	6.3	22
118	IL-17A induces Pendrin expression and chloride-bicarbonate exchange in human bronchial epithelial cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e103263	3.7	22
117	Intraoperative IGS/CT updates for complex endoscopic frontal sinus surgery. <i>Orl</i> , <b>2008</b> , 70, 268-70	2	22
116	The role of bitter and sweet taste receptors in upper airway innate immunity: Recent advances and future directions. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , <b>2018</b> , 4, 200-208	2.6	22
115	Fungal Aflatoxins Reduce Respiratory Mucosal Ciliary Function. <i>Scientific Reports</i> , <b>2016</b> , 6, 33221	4.9	21
114	Staphylococcus aureus triggers nitric oxide production in human upper airway epithelium. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 808-13	6.3	21
113	Dysregulation of hypoxia inducible factor-1alpha in head and neck squamous cell carcinoma cell lines correlates with invasive potential. <i>Laryngoscope</i> , <b>2004</b> , 114, 418-23	3.6	21
112	The Role of Quinine-Responsive Taste Receptor Family 2 in Airway Immune Defense and Chronic Rhinosinusitis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 624	8.4	20
111	Pharmacologic activation of the innate immune system to prevent respiratory viral infections. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 480-8	5.7	20
110	Mechanistic implications of alterations in HL-60 cell nascent DNA after exposure to 1-beta-D-arabinofuranosylcytosine. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1992</b> , 31, 61-70	3.5	20
109	Sinonasal T2R-mediated nitric oxide production in response to. <i>American Journal of Rhinology and Allergy</i> , <b>2017</b> , 31, 211-215	2.4	19
108	Inherent differences in nasal and tracheal ciliary function in response to Pseudomonas aeruginosa challenge. <i>American Journal of Rhinology and Allergy</i> , <b>2011</b> , 25, 209-13	2.4	19
107	Activated Vav2 modulates cellular invasion through Rac1 and Cdc42 in oral squamous cell carcinoma. <i>Oral Oncology</i> , <b>2008</b> , 44, 683-8	4.4	19
106	An animal model for the study of topical medications in sinusitis. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2007</b> , 21, 5-9		19



105	Cellular context of IL-33 expression dictates impact on anti-helminth immunity. <i>Science Immunology</i> , <b>2020</b> , 5,	28	19
104	Role of Taste Receptors as Sentinels of Innate Immunity in the Upper Airway. <i>Journal of Pathogens</i> , <b>2018</b> , 2018, 9541987	1.9	19
103	Denatonium-induced sinonasal bacterial killing may play a role in chronic rhinosinusitis outcomes. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 699-704	6.3	18
102	Surfactants in the management of rhinopathologies. <i>American Journal of Rhinology and Allergy</i> , <b>2013</b> , 27, 177-80	2.4	18
101	Sentinels at the wall: epithelial-derived cytokines serve as triggers of upper airway type 2 inflammation. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 93-99	6.3	18
100	Safety evaluation of sinus surfactant solution on respiratory cilia function. <i>International Forum of Allergy and Rhinology</i> , <b>2011</b> , 1, 280-3	6.3	17
99	Prevention and management of lacrimal duct injury. <i>Otolaryngologic Clinics of North America</i> , <b>2010</b> , 43, 781-8	2	17
98	The effects of retinoic acid on ciliary function of regenerated sinus mucosa. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 334-6		17
97	Phenylthiocarbamide taste sensitivity is associated with sinonasal symptoms in healthy adults. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 111-8	6.3	16
96	Traumatic brain injury-induced ependymal ciliary loss decreases cerebral spinal fluid flow. <i>Journal of Neurotrauma</i> , <b>2014</b> , 31, 1396-404	5.4	16
95	Pulse steroid therapy inhibits murine subglottic granulation. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2013</b> , 148, 284-90	5.5	16
94	Molecular basis of tobacco-induced bacterial biofilms: an in vitro study. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2012</b> , 147, 876-84	5.5	16
93	Laser-assisted cerebrospinal fluid leak repair: an animal model to test feasibility. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2007</b> , 137, 810-4	5.5	16
92	Fungal extracts stimulate solitary chemosensory cell expansion in noninvasive fungal rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 730-737	6.3	15
91	Human upper airway epithelium produces nitric oxide in response to Staphylococcus epidermidis. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 1238-1244	6.3	15
90	Regulation of murine sinonasal cilia function by microbial secreted factors. <i>International Forum of Allergy and Rhinology</i> , <b>2012</b> , 2, 104-10	6.3	15
89	Understanding the Role of Biofilms and Superantigens in Chronic Rhinosinusitis. <i>Current Otorhinolaryngology Reports</i> , <b>2018</b> , 6, 253-262	0.5	14
88	Implications of bacterial biofilms in chronic rhinosinusitis. <i>Brazilian Journal of Infectious Diseases</i> , <b>2009</b> , 13, 232-5	2.8	14



87	Chitosan glycerophosphate-based semirigid dexamethasone eluting biodegradable stent. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 76-9	2.4	14
86	Medical management of chronic rhinosinusitis - an update. <i>Expert Review of Clinical Pharmacology</i> , <b>2016</b> , 9, 695-704	3.8	13
85	Culture-inappropriate antibiotic therapy decreases quality of life improvement after sinus surgery. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 403-10	6.3	13
84	Different clinical factors associated with Staphylococcus aureus and Pseudomonas aeruginosa in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 724-33	6.3	13
83	In vivo laser tissue welding in the rabbit maxillary sinus. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 625-8		13
82	Use of an electronic nose for detection of biofilms. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2008</b> , 22, 29-33		13
81	SARS-CoV-2 induces double-stranded RNA-mediated innate immune responses in respiratory epithelial derived cells and cardiomyocytes <b>2020</b> ,		13
80	Bitter taste bodyguards. <i>Scientific American</i> , <b>2016</b> , 314, 38-43	0.5	12
79	Biofilm-forming bacteria and quality of life improvement after sinus surgery. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 643-9	6.3	12
78	The novel dry extract BNO 1011 stimulates chloride transport and ciliary beat frequency in human respiratory epithelial cultures. <i>American Journal of Rhinology and Allergy</i> , <b>2012</b> , 26, 439-43	2.4	12
77	Laser facial nerve welding in a rabbit model. <i>Archives of Facial Plastic Surgery</i> , <b>2012</b> , 14, 52-8		12
76	Surfactant protein B detection and gene expression in chronic rhinosinusitis. <i>Laryngoscope</i> , <b>2007</b> , 117, 1296-301	3.6	12
75	IL-1 Receptor Antagonist Inhibits Early Granulation Formation. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2016</b> , 125, 284-9	2.1	11
74	Myrtol standardized affects mucociliary clearance. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 304-311	6.3	11
73	Taste Receptors Mediate Sinonasal Immunity and Respiratory Disease. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	11
72	Corticosteroid use does not alter nasal mucus glucose in chronic rhinosinusitis. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2015</b> , 152, 1140-4	5.5	11
71	Inflammatory protein expression in human subglottic stenosis tissue mirrors that in a murine model. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , <b>2014</b> , 123, 65-70	2.1	11
70	Quantification of ciliary beat frequency in sinonasal epithelial cells using differential interference contrast microscopy and high-speed digital video imaging. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2006</b> , 20, 124-7		11

69	Trefoil Factor 2 Promotes Type 2 Immunity and Lung Repair through Intrinsic Roles in Hematopoietic and Nonhematopoietic Cells. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 1161-1170	5.8	10
68	Taste Receptors in Upper Airway Immunity. <i>Advances in Oto-Rhino-Laryngology</i> , <b>2016</b> , 79, 91-102	1.7	10
67	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> , <b>2018</b> , 8, 64	5.9	10
66	In vitro studies of a distillate of rectified essential oils on sinonasal components of mucociliary clearance. <i>American Journal of Rhinology and Allergy</i> , <b>2014</b> , 28, 244-8	2.4	10
65	Effects of thymoquinone and montelukast on sinonasal ciliary beat frequency. <i>American Journal of Rhinology and Allergy</i> , <b>2014</b> , 28, 122-5	2.4	9
64	GABA and glutamate are not colocalized in mossy fiber terminals of developing rodent hippocampus. <i>Brain Research</i> , <b>2012</b> , 1474, 40-9	3.7	9
63	Efeitos do cigarro sobre o epitélio respiratório e sua participação na rinossinusite crônica. <i>Brazilian Journal of Otorhinolaryngology</i> , <b>2009</b> , 75, 903-907	1.6	9
62	Laser-welded endoscopic endoluminal repair of iatrogenic esophageal perforation: an animal model. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2008</b> , 139, 713-7	5.5	9
61	Verification of the Cross Immunoreactivity of A60, a Mouse Monoclonal Antibody against Neuronal Nuclear Protein. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 54	3.6	9
60	Objective screening for olfactory and gustatory dysfunction during the COVID-19 pandemic: a prospective study in healthcare workers using self-administered testing. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , <b>2021</b> ,	2.6	9
59	Regional analysis of sinonasal ciliary beat frequency. <i>American Journal of Rhinology &amp; Allergy</i> , <b>2006</b> , 20, 150-4		9
58	Inverted papilloma with multifocal attachment is associated with increased recurrence. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 865-869	6.3	8
57	Keratinocyte chemoattractant (interleukin-8) regulation of sinonasal cilia function in a murine model. <i>International Forum of Allergy and Rhinology</i> , <b>2012</b> , 2, 75-9	6.3	8
56	Laser tissue welding in lung and tracheobronchial repair: an animal model. <i>Chest</i> , <b>2010</b> , 138, 345-9	5.3	8
55	Effects of cigarette smoking on the respiratory epithelium and its role in the pathogenesis of chronic rhinosinusitis. <i>Brazilian Journal of Otorhinolaryngology</i> , <b>2009</b> , 75, 903-7	1.6	8
54	Antibiotic eluting chitosan glycerophosphate implant in the setting of acute bacterial sinusitis: a rabbit model. <i>American Journal of Rhinology and Allergy</i> , <b>2010</b> , 24, 129-32	2.4	8
53	Tissue-Dependent Expression of Bitter Receptor TAS2R38 mRNA. <i>Chemical Senses</i> , <b>2019</b> , 44, 33-40	4.8	8
52	Coagulase-negative Staphylococcus culture in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 204-13	6.3	7

51	Broncho-Vaxom <sup>®</sup> (OM-85 BV) soluble components stimulate sinonasal innate immunity. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 370-377	6.3	7
50	Clinical Implications of Carcinoma In Situ in Sinonasal Inverted Papilloma. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2019</b> , 161, 1036-1042	5.5	6
49	One-way valve bottle contamination rates in the immediate post-functional endoscopic sinus surgery period. <i>American Journal of Rhinology and Allergy</i> , <b>2011</b> , 25, 393-6	2.4	6
48	Endonasal laser tissue welding: first human experience. <i>American Journal of Rhinology and Allergy</i> , <b>2010</b> , 24, 244-6	2.4	6
47	Mutation of critical GIRK subunit residues disrupts N- and C-termini association and channel function. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 1836-46	6.6	6
46	Kir 4.1 channel expression in neuroblastomaxglioma hybrid NG108-15 cell line. <i>Developmental Brain Research</i> , <b>1999</b> , 114, 127-34		6
45	Tuft cells in the pathogenesis of chronic rhinosinusitis with nasal polyps and asthma. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2021</b> , 126, 143-151	3.2	5
44	Taste Exam: A Brief and Validated Test. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	5
43	A role for airway taste receptor modulation in the treatment of upper respiratory infections. <i>Expert Review of Respiratory Medicine</i> , <b>2016</b> , 10, 157-70	3.8	4
42	Impact of age on outcomes following endoscopic sinus surgery for chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 1456-1461	6.3	4
41	Non-specific immunostaining by a rabbit antibody against gustducin $\beta$ subunit in mouse brain. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2015</b> , 63, 79-87	3.4	4
40	Polyhydrated ionogen enhances postoperative sinonasal ciliated remucosalization. <i>International Forum of Allergy and Rhinology</i> , <b>2011</b> , 1, 83-7	6.3	4
39	Acellular human dermal allograft in repair of unilateral partial-thickness and full-thickness nasal septal mucosal defects. <i>Laryngoscope</i> , <b>2000</b> , 110, 2005-7	3.6	4
38	TNF Affects Ciliary Beat Response to Increased Viscosity in Human Pediatric Airway Epithelium. <i>BioMed Research International</i> , <b>2016</b> , 2016, 3628501	3	4
37	Denatonium benzoate bitter taste perception in chronic rhinosinusitis subgroups. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> , 11, 967-975	6.3	4
36	Optimized Protocol of Methanol Treatment for Immunofluorescent Staining in Fixed Brain Slices. <i>Applied Immunohistochemistry and Molecular Morphology</i> , <b>2017</b> , 25, 221-224	1.9	3
35	Polyhydrated ionogen with MgBr <sub>2</sub> accelerates in vitro respiratory epithelial healing. <i>American Journal of Rhinology and Allergy</i> , <b>2013</b> , 27, 333-7	2.4	3
34	Murine ciliotoxicity and rabbit sinus mucosal healing by polyhydrated ionogen. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2011</b> , 145, 482-8	5.5	3

33	Chronic rhinosinusitis precipitated by tumor necrosis factor alpha inhibitors is the phenotype of chronic rhinosinusitis without nasal polyps. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 23-28	6.3	3
32	Divergent bitter and sweet taste perception intensity in chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> , 11, 857-865	6.3	3
31	Effects of ophthalmologic solutions on sinonasal ciliated epithelium. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 801-808	6.3	2
30	Inverted papilloma is associated with greater radiographic inflammatory disease than other sinonasal malignancy. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 278-281	6.3	2
29	Expression of dermcidin in human sinonasal secretions. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 154-159	6.3	2
28	Orbital mucopyocele after the use of alloplastic materials in the management of frontal sinus fractures. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2006</b> , 135, 974-6	5.5	2
27	Respiratory Cilia: Principles of Mucociliary Clearance <b>2009</b> , 83-90		2
26	New Areas for Investigation: Nitric Oxide <b>2010</b> , 175-183		2
25	Cytokine profile in human olfactory cleft mucus and associated changes in olfactory function		2
24	Species-level bacterial community profiling of the healthy sinonasal microbiome using Pacific Biosciences sequencing of full-length 16S rRNA genes		2
23	Laser Facial Nerve Welding in a Rabbit Model. <i>Archives of Facial Plastic Surgery</i> , <b>2012</b> , 14, 52-58		2
22	Bitter Taste Receptors and Chronic Otitis Media. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 165, 290-299	5.5	2
21	Targeted gene expression profiling of inverted papilloma and squamous cell carcinoma. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> ,	6.3	2
20	Bitter taste receptor agonists regulate epithelial two-pore potassium channels via cAMP signaling. <i>Respiratory Research</i> , <b>2021</b> , 22, 31	7.3	2
19	In vitro safety of ketotifen as a topical nasal rinse. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 265-270	6.3	1
18	The Role of Taste Receptors in Airway Innate Immune Defense. <i>Sinusitis</i> , <b>2018</b> , 3, 6		1
17	A Murine Model of Airway Granulation and Subglottic Stenosis. <i>Laryngoscope</i> , <b>2011</b> , 121, S174-S174	3.6	1
16	LINGO3 regulates mucosal tissue regeneration and promotes TFF2 dependent recovery from colitis. <i>Scandinavian Journal of Gastroenterology</i> , <b>2021</b> , 56, 791-805	2.4	1

15	Solitary chemosensory cells are innervated by trigeminal nerve endings and autoregulated by cholinergic receptors. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> , 11, 877-884	6.3	1
14	MERS-CoV endoribonuclease and accessory proteins jointly evade host innate immunity during infection of lung and nasal epithelial cells. <b>2021</b> ,		1
13	Nicotinic acetylcholine receptor stimulation: A new approach for stimulating tear secretion in dry eye disease.. <i>Ocular Surface</i> , <b>2022</b> , 25, 58-64	6.5	1
12	Clinical Assessment of Mucociliary Disorders <b>2020</b> , 103-108		0
11	Blocking Cross-Species Secondary Binding When Performing Double Immunostaining With Mouse and Rat Primary Antibodies. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 579859	5.1	0
10	Multidisciplinary single-center outcomes compared to two-center outcomes for the treatment of aspirin exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2021</b> , 9, 2498-2500	5.4	0
9	The GSDMB rs7216389 SNP is associated with chronic rhinosinusitis in a multi-institutional cohort. <i>International Forum of Allergy and Rhinology</i> , <b>2021</b> , 11, 1647-1653	6.3	0
8	Characterization of Injury Induced by Routine Surgical Manipulations of Nasal Septal Cartilage. <i>JAMA Facial Plastic Surgery</i> , <b>2019</b> , 21, 393-401	3.2	
7	Evaluation of a polysaccharide gel for laser-assisted skull base repair. <i>American Journal of Rhinology and Allergy</i> , <b>2013</b> , 27, 148-50	2.4	
6	Surgical treatment of the lateral frontal sinus lesion. <i>Operative Techniques in Otolaryngology - Head and Neck Surgery</i> , <b>2006</b> , 17, 24-27	0.4	
5	Proteolysis of beta-trace Protein?. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2005</b> , 133, 310; author reply 310-1	5.5	
4	Complementary and Alternative Medicine in Rhinology <b>2008</b> , 1-11		
3	Biofilms <b>2009</b> , 241-246		
2	The Importance of Biofilms in Chronic Rhinosinusitis <b>2011</b> , 139-160		
1	Persistent Inflammation and Nitric Oxide Dysregulation Are Transcriptomic Blueprints of Subglottic Stenosis.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 748533	8.4	