

Peter H Hwang

List of Publications by Year in descending order

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208
papers

8,838
citations

50170

46
h-index

53109

85
g-index

217
all docs

217
docs citations

217
times ranked

7074
citing authors

#	ARTICLE	IF	CITATIONS
1	International Consensus Statement on Allergy and Rhinology: Rhinosinusitis. International Forum of Allergy and Rhinology, 2016, 6, S22-209.	1.5	443
2	International consensus statement on allergy and rhinology: rhinosinusitis 2021. International Forum of Allergy and Rhinology, 2021, 11, 213-739.	1.5	398
3	International Consensus Statement on Allergy and Rhinology: Allergic Rhinitis. International Forum of Allergy and Rhinology, 2016, 6, S225		339
4	Nasal Microenvironments and Interspecific Interactions Influence Nasal Microbiota Complexity and S.Âureus Carriage. Cell Host and Microbe, 2013, 14, 631-640.	5.1	294
5	International Consensus Statement on Allergy and Rhinology: Allergic Rhinitis. International Forum of Allergy and Rhinology, 2018, 8, 108-352.	1.5	273
6	Endoscopic Resection of Sinonasal Inverted Papilloma: A Meta-analysis. Otolaryngology - Head and Neck Surgery, 2006, 134, 476-482.	1.1	255
7	Survival outcomes in acute invasive fungal sinusitis: A systematic review and quantitative synthesis of published evidence. Laryngoscope, 2013, 123, 1112-1118.	1.1	231
8	Letter: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic. Neurosurgery, 2020, 87, E66-E67.	0.6	231
9	Determinants of Outcomes of Sinus Surgery: A Multiâ€Institutional Prospective Cohort Study. Otolaryngology - Head and Neck Surgery, 2010, 142, 55-63.	1.1	220
10	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. Nature Communications, 2020, 11, 5453.	5.8	191
11	Nationwide incidence of major complications in endoscopic sinus surgery. International Forum of Allergy and Rhinology, 2012, 2, 34-39.	1.5	174
12	SNOTâ€22 quality of life domains differentially predict treatment modality selection in chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2014, 4, 972-979.	1.5	172
13	Modification of the Lundâ€Kennedy endoscopic scoring system improves its reliability and correlation with patientâ€reported outcome measures. Laryngoscope, 2014, 124, 2216-2223.	1.1	169
14	Productivity costs in patients with refractory chronic rhinosinusitis. Laryngoscope, 2014, 124, 2007-2012.	1.1	162
15	Histology and Histomorphometry of Ethmoid Bone in Chronic Rhinosinusitis. Laryngoscope, 1998, 108, 502-507.	1.1	154
16	Safety and efficacy of a novel bioabsorbable, steroidâ€eluting sinus stent. International Forum of Allergy and Rhinology, 2011, 1, 23-32.	1.5	148
17	Endoscopic Reconstruction of Surgically Created Skull Base Defects: A Systematic Review. Otolaryngology - Head and Neck Surgery, 2014, 150, 730-738.	1.1	144
18	The International Frontal Sinus Anatomy Classification (IFAC) and Classification of the Extent of Endoscopic Frontal Sinus Surgery (EFSS). International Forum of Allergy and Rhinology, 2016, 6, 677-696.	1.5	139

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19	Distribution of topical agents to the paranasal sinuses: an evidence-based review with recommendations. International Forum of Allergy and Rhinology, 2013, 3, 691-703.	1.5	130
20	In Reply: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic. Neurosurgery, 2020, 87, E162-E163.	0.6	128
21	Endoscopic Septoplasty: Indications, Technique, and Results. Otolaryngology - Head and Neck Surgery, 1999, 120, 678-682.	1.1	125
22	Oral corticosteroids in the management of adult chronic rhinosinusitis with and without nasal polyps: an evidence-based review with recommendations. International Forum of Allergy and Rhinology, 2013, 3, 104-120.	1.5	114
23	Systematic review of topical vasoconstrictors in endoscopic sinus surgery. Laryngoscope, 2011, 121, 422-432.	1.1	104
24	ICAR: endoscopic skull base surgery. International Forum of Allergy and Rhinology, 2019, 9, S145-S365.	1.5	104
25	Radiologic correlates of symptom-based diagnostic criteria for chronic rhinosinusitis. Otolaryngology - Head and Neck Surgery, 2003, 128, 489-496.	1.1	97
26	High-Efficiency, Selection-free Gene Repair in Airway Stem Cells from Cystic Fibrosis Patients Rescues CFTR Function in Differentiated Epithelia. Cell Stem Cell, 2020, 26, 161-171.e4.	5.2	97
27	Complications associated with the pedicled nasoseptal flap for skull base reconstruction. Laryngoscope, 2015, 125, 80-85.	1.1	91
28	Outcomes after middle turbinate resection: Revisiting a controversial topic. Laryngoscope, 2010, 120, 832-837.	1.1	90
29	Results of Endoscopic Maxillary Mega-antrostomy in Recalcitrant Maxillary Sinusitis. American Journal of Rhinology & Allergy, 2008, 22, 658-662.	2.3	84
30	Effects of Topically Applied Biomaterials on Paranasal Sinus Mucosal Healing. American Journal of Rhinology & Allergy, 2003, 17, 203-207.	2.3	83
31	Correlations between symptoms, nasal endoscopy, and in-office computed tomography in post-surgical chronic rhinosinusitis patients. Laryngoscope, 2011, 121, 674-678.	1.1	83
32	Medical management of allergic fungal rhinosinusitis following endoscopic sinus surgery: an evidence-based review and recommendations. International Forum of Allergy and Rhinology, 2014, 4, 702-715.	1.5	83
33	Long-term Sinonasal Outcomes of Aspirin Desensitization in Aspirin Exacerbated Respiratory Disease. Otolaryngology - Head and Neck Surgery, 2014, 151, 575-581.	1.1	80
34	Patient-centered decision making in the treatment of chronic rhinosinusitis. Laryngoscope, 2013, 123, 2341-2346.	1.1	77
35	Effects of Sinus Surgery on lung Transplantation Outcomes in Cystic Fibrosis. American Journal of Rhinology & Allergy, 2008, 22, 192-196.	2.3	73

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37	Safety analysis of long-term budesonide nasal irrigations in patients with chronic rhinosinusitis post endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 568-572.	1.5	65
38	Xylitol nasal irrigation in the management of chronic rhinosinusitis: A pilot study. <i>Laryngoscope</i> , 2011, 121, 2468-2472.	1.1	57
39	Controlled Steroid Delivery via Bioabsorbable Stent: Safety and Performance in a Rabbit Model. <i>American Journal of Rhinology and Allergy</i> , 2009, 23, 591-596.	1.0	56
40	Outcomes After Endoscopic Endonasal Resection of Craniopharyngiomas in the Pediatric Population. <i>World Neurosurgery</i> , 2017, 108, 6-14.	0.7	56
41	Surgical therapy vs continued medical therapy for medically refractory chronic rhinosinusitis: a systematic review and meta-analysis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 119-127.	1.5	56
42	Cryosurgical posterior nasal tissue ablation for the treatment of rhinitis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 952-956.	1.5	55
43	The international sinonasal microbiome study: A multicentre, multinational characterization of sinonasal bacterial ecology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2037-2049.	2.7	55
44	Intranasal Deposition of Nebulized Saline: A Radionuclide Distribution Study. <i>American Journal of Rhinology & Allergy</i> , 2006, 20, 255-261.	2.3	49
45	Endoscopic Trans-septal Frontal Sinusotomy: The Rationale and Results of an Alternative Technique. <i>American Journal of Rhinology & Allergy</i> , 1999, 13, 279-288.	2.3	47
46	Migration of regulatory T cells toward airway epithelial cells is impaired in chronic rhinosinusitis with nasal polyposis. <i>Clinical Immunology</i> , 2010, 137, 111-121.	1.4	47
47	Effect of Omega-3 Supplementation in Patients With Smell Dysfunction Following Endoscopic Sellar and Parasellar Tumor Resection: A Multicenter Prospective Randomized Controlled Trial. <i>Neurosurgery</i> , 2020, 87, E91-E98.	0.6	47
48	Image-Guided Frontal Trephination: A Minimally Invasive Approach for Hard-To-Reach Frontal Sinus Disease. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 135, 518-522.	1.1	44
49	The prevalence of Eustachian tube dysfunction symptoms in patients with chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 620-623.	1.5	43
50	Otolaryngology, Head and Neck Surgery. <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	42
51	International Forum of Allergy and Rhinology, 2016, 6, S3.		
52	Bony Abnormalities of the Paranasal Sinuses in Patients with Wegener's Granulomatosis. <i>American Journal of Rhinology & Allergy</i> , 2001, 15, 121-126.	2.3	40
53	A multi-institutional review of outcomes in biopsy-proven acute invasive fungal sinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1459-1468.	1.5	40
54	Correlation of asymmetric facial growth with deviated nasal septum. <i>Laryngoscope</i> , 2011, 121, 1144-1148.	1.1	38

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55	Productivity costs decrease after endoscopic sinus surgery for refractory chronic rhinosinusitis. <i>Laryngoscope</i> , 2016, 126, 570-574.	1.1	38
56	The Utility of Bipolar Electrocautery in Hereditary Hemorrhagic Telangiectasia. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 134, 1006-1009.	1.1	37
57	Outcomes of sinonasal inverted papilloma resection by surgical approach: an updated systematic review and meta-analysis. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 573-581.	1.5	37
58	Oral corticosteroid therapy in chronic rhinosinusitis without polyposis: a systematic review. <i>International Forum of Allergy and Rhinology</i> , 2011, 1, 136-143.	1.5	36
59	Long-term outcomes of endoscopic maxillary megaantrostomy for refractory chronic maxillary sinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 60-65.	1.5	36
60	Sagittal and Coronal Dimensions of the Ethmoid Roof: A Radioanatomic Study. <i>American Journal of Rhinology & Allergy</i> , 2005, 19, 348-352.	2.3	34
61	Mucocele formation under pedicled nasoseptal flap. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2012, 33, 634-636.	0.6	34
62	Targeted endoscopic salvage nasopharyngectomy for recurrent nasopharyngeal carcinoma. <i>International Forum of Allergy and Rhinology</i> , 2012, 2, 166-173.	1.5	34
63	Expression of dual oxidases and secreted cytokines in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2013, 3, 376-383.	1.5	34
64	Somatostatin receptor 2 expression in nasopharyngeal cancer is induced by Epstein Barr virus infection: impact on prognosis, imaging and therapy. <i>Nature Communications</i> , 2021, 12, 117.	5.8	34
65	Inflammatory molecular endotypes of nasal polyps derived from White and Japanese populations. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1296-1308.e6.	1.5	33
66	Update on evidence-based reviews with recommendations in adult chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2014, 4, S1-S15.	1.5	32
67	Cryosurgical ablation for treatment of rhinitis: A prospective multicenter study. <i>Laryngoscope</i> , 2020, 130, 1877-1884.	1.1	32
68	Medical therapy vs surgery for recurrent acute rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 667-673.	1.5	31
69	Pediatric Chronic Rhinosinusitis Management in Rhinologists and Pediatric Otolaryngologists. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2017, 126, 634-639.	0.6	31
70	Imaging predictors for malignant transformation of inverted papilloma. <i>Laryngoscope</i> , 2019, 129, 777-782.	1.1	31
71	Integration of Patient-Specific Paranasal Sinus Computed Tomographic Data into a Virtual Surgical Environment. <i>American Journal of Rhinology and Allergy</i> , 2009, 23, 442-447.	1.0	30
72	Computed tomography analysis of frontal cell prevalence according to the International Frontal Sinus Anatomy Classification. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 825-830.	1.5	30

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73	Air pollutants cause release of hydrogen peroxide and interleukin-8 in a human primary nasal tissue culture model. <i>International Forum of Allergy and Rhinology</i> , 2014, 4, 966-971.	1.5	28
74	Neutrophil Extracellular Traps Induce Tissue-Invasive Monocytes in Granulomatosis With Polyangiitis. <i>Frontiers in Immunology</i> , 2019, 10, 2617.	2.2	28
75	Aspirin-Exacerbated Respiratory Disease. <i>Otolaryngologic Clinics of North America</i> , 2017, 50, 83-94.	0.5	27
76	Retinoic Acid Improves Ciliogenesis after Surgery of the Maxillary Sinus in Rabbits. <i>Laryngoscope</i> , 2006, 116, 1080-1085.	1.1	26
77	Perioperative Management of Antithrombotic Therapy in Common Otolaryngologic Surgical Procedures. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 493-503.	1.1	26
78	Equivalence in outcomes between Draf 2B vs Draf 3 frontal sinusotomy for refractory chronic frontal rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 25-31.	1.5	26
79	The effectiveness of preemptive sphenopalatine ganglion block on postoperative pain and functional outcomes after functional endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2011, 1, 212-218.	1.5	25
80	Clinical predictors of neo-osteogenesis in patients with chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 303-309.	1.5	25
81	Evolution of the endoscopic modified Lothrop procedure: A systematic review and meta-analysis. <i>Laryngoscope</i> , 2018, 128, 317-326.	1.1	25
82	Frontal ostium neo-osteogenesis and patency after Draf III procedure: a computer-assisted study. <i>International Forum of Allergy and Rhinology</i> , 2014, 4, 739-744.	1.5	24
83	Indications and Outcomes for Draf IIB Frontal Sinus Surgery. <i>American Journal of Rhinology and Allergy</i> , 2016, 30, 70-73.	1.0	24
84	Cavernous Sinus Involvement by Pituitary Adenomas: Clinical Implications and Outcomes of Endoscopic Endonasal Resection. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 38, 273-282.	0.4	24
85	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.	1.5	24
86	Early experience with a patient-specific virtual surgical simulation for rehearsal of endoscopic skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 54-63.	1.5	24
87	Outpatient Intravenous Antibiotics for Chronic Rhinosinusitis. <i>Laryngoscope</i> , 2002, 112, 1758-1761.	1.1	23
88	Determinants and outcomes of upfront surgery versus medical therapy for chronic rhinosinusitis in cystic fibrosis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 450-458.	1.5	23
89	Identification and Characterization of Novel Receptor-Interacting Serine/Threonine-Protein Kinase 2 Inhibitors Using Structural Similarity Analysis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 354-367.	1.3	22
90	Surgical Management of Nonallergic Rhinitis. <i>Otolaryngologic Clinics of North America</i> , 2018, 51, 945-955.	0.5	22

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91	Application of holographic augmented reality for external approaches to the frontal sinus. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 920-925.	1.5	22
92	Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma. <i>European Journal of Cancer</i> , 2022, 162, 221-236.	1.3	22
93	Human ethmoid sinus mucosa: a promising novel tissue source of mesenchymal progenitor cells. <i>Stem Cell Research and Therapy</i> , 2014, 5, 15.	2.4	21
94	Correlations between cystic fibrosis genotype and sinus disease severity in chronic rhinosinusitis. <i>Laryngoscope</i> , 2018, 128, 1752-1758.	1.1	21
95	Microbiotyping the Sinonasal Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 137.	1.8	21
96	Trends in Incidence and Susceptibility among Methicillin-Resistant <i>Staphylococcus aureus</i> Isolated from Intranasal Cultures Associated with Rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , 2013, 27, 134-137.	1.0	20
97	Porcine small intestine submucosal grafts improve remucosalization and progenitor cell recruitment to sites of upper airway tissue remodeling. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1162-1168.	1.5	20
98	Paranasal Sinus Mucosal Regeneration: The Effect of Topical Retinoic Acid. <i>American Journal of Rhinology & Allergy</i> , 2003, 17, 133-137.	2.3	19
99	Surgical Revision of the Failed Obliterated Frontal Sinus. <i>American Journal of Rhinology & Allergy</i> , 2005, 19, 425-429.	2.3	19
100	The Effects of Retinoic Acid on Ciliary Function of Regenerated Sinus Mucosa. <i>American Journal of Rhinology & Allergy</i> , 2008, 22, 334-336.	2.3	19
101	Endoscopic Resection of a Giant Intradural Retroclival Ectopic Chordoma: Surgical Technique and Literature Review. <i>World Neurosurgery</i> , 2014, 82, 912.e21-912.e26.	0.7	19
102	Avoiding Complications in Endoscopic Sinus Surgery. <i>Otolaryngologic Clinics of North America</i> , 2015, 48, 871-881.	0.5	19
103	Comparing surgeon outcomes in endoscopic sinus surgery for chronic rhinosinusitis. <i>Laryngoscope</i> , 2017, 127, 14-21.	1.1	19
104	Interrater agreement of nasal endoscopy for chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2012, 2, 144-150.	1.5	18
105	The impact of diabetes mellitus on outcomes of endoscopic sinus surgery: a nested case-control study. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 533-540.	1.5	18
106	Interrater agreement of nasal endoscopy in patients with a prior history of endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2012, 2, 453-459.	1.5	17
107	Mucociliary clearance and submucosal gland secretion in the ex vivo ferret trachea. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L83-L93.	1.3	17
108	Outcomes of chronic frontal sinusitis treated with ethmoidectomy: a prospective study. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 597-604.	1.5	17

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109	5-year outcomes of salvage endoscopic nasopharyngectomy for recurrent nasopharyngeal carcinoma. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2021, 50, 12.	0.9	17
110	Endoscopic Approach to the Infratemporal Fossa for Treatment of Invasive Fungal Sinusitis. <i>American Journal of Rhinology and Allergy</i> , 2009, 23, 100-104.	1.0	16
111	Applications of in Situ Hybridization Techniques in the Diagnosis of Chronic Sinusitis. <i>American Journal of Rhinology & Allergy</i> , 1999, 13, 335-338.	2.3	15
112	The effects of topical agents on paranasal sinus mucosa healing: a rabbit study. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 310-317.	1.5	15
113	Radiographic assessment of the sinuses in patients treated for nasopharyngeal carcinoma. <i>American Journal of Rhinology & Allergy</i> , 2008, 22, 64-67.	2.3	14
114	Steroid-eluting sinus stents for improving symptoms in chronic rhinosinusitis patients undergoing functional endoscopic sinus surgery. <i>The Cochrane Library</i> , 2015, , CD010436.	1.5	14
115	Design and rationale of a prospective, multi-institutional registry for patients with sinonasal malignancy. <i>Laryngoscope</i> , 2016, 126, 1977-1980.	1.1	14
116	Transnasal endoscopic approach for pediatric skull base lesions: a case series. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 246-257.	0.8	14
117	Spontaneous Sphenoid Wing Meningoencephaloceles with Lateral Sphenoid Sinus Extension: The Endoscopic Transpterygoid Approach. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 314-323.	0.4	13
118	Management of rhinosinusitis during pregnancy: systematic review and expert panel recommendations. <i>Rhinology</i> , 2016, 54, 99-104.	0.7	13
119	The Effect of Endoscopic Sinus Surgery on Eustachian Tube Dysfunction Symptoms. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 603-610.	1.1	13
120	Headset-Related Sensory and Motor Neuropathies in Image-Guided Sinus Surgery. <i>JAMA Otolaryngology</i> , 2002, 128, 589.	1.5	12
121	Perioperative Care for Advanced Rhinology Procedures. <i>Otolaryngologic Clinics of North America</i> , 2006, 39, 463-473.	0.5	12
122	A 51-Year-Old Woman With Acute Onset of Facial Pressure, Rhinorrhea, and Tooth Pain. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1798.	3.8	12
123	Endoscopic endonasal anatomy of the nasopharynx in a cadaver model. <i>International Forum of Allergy and Rhinology</i> , 2013, 3, 319-324.	1.5	12
124	Management of Frontal Sinus Fractures. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 2038-2042.	0.3	12
125	Meningiomas of the Tuberculum and Diaphragma Sellae. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015, 76, 074-079.	0.4	12
126	Endoscopic vs. Microscopic Resection of Sellar Lesions—A Matched Analysis of Clinical and Socioeconomic Outcomes. <i>Frontiers in Surgery</i> , 2017, 4, 33.	0.6	12

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127	Biocompatibility and Pharmacokinetics of Fluticasone-Eluting Sinus Implant in a Rabbit Model. American Journal of Rhinology and Allergy, 2017, 31, 382-388.	1.0	12
128	Sinonasal debridement versus no debridement for the postoperative care of patients undergoing endoscopic sinus surgery. The Cochrane Library, 2018, 11, CD011988.	1.5	12
129	Comparison of outcomes following culture-directed vs non-culture-directed antibiotics in treatment of acute exacerbations of chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2018, 8, 1028-1033.	1.5	12
130	Microcurrent technology for rapid relief of sinus pain: a randomized, placebo-controlled, double-blind clinical trial. International Forum of Allergy and Rhinology, 2019, 9, 352-356.	1.5	12
131	Oral Corticosteroids Following Endoscopic Sinus Surgery for Chronic Rhinosinusitis Without Nasal Polyposis. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 434.	1.2	12
132	Assessment of Opioid Use and Analgesic Requirements After Endoscopic Sinus Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 811.	1.2	12
133	Characterization of human upper airway epithelial progenitors. International Forum of Allergy and Rhinology, 2013, 3, 841-847.	1.5	11
134	Emerging Roles of Coblation in Rhinology and Skull Base Surgery. Otolaryngologic Clinics of North America, 2017, 50, 599-606.	0.5	11
135	Comparison of surgical outcomes between patients with unilateral and bilateral chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2017, 7, 1162-1169.	1.5	11
136	Effect of Endoscopic Sinus Surgery on Bronchiectasis Patients With Chronic Rhinosinusitis. American Journal of Rhinology and Allergy, 2018, 32, 432-439.	1.0	11
137	Workforce analysis of practicing rhinologists in the united states. Laryngoscope, 2020, 130, 1116-1121.	1.1	11
138	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. Cell Reports Medicine, 2021, 2, 100421.	3.3	11
139	The Effect of Povidone-Iodine Nasal Spray on Nasopharyngeal SARS-CoV-2 Viral Load: A Randomized Control Trial. Laryngoscope, 2022, 132, 2089-2095.	1.1	11
140	Deep learning classification of inverted papilloma malignant transformation using 3D convolutional neural networks and magnetic resonance imaging. International Forum of Allergy and Rhinology, 2022, 12, 1025-1033.	1.5	11
141	Selective expansion of human regulatory T cells in nasal polyps, and not adjacent tissue microenvironments, in individual patients exposed to steroids. Clinical Immunology, 2017, 179, 66-76.	1.4	10
142	International Multicenter Study of Clinical Outcomes of Sinonasal Melanoma Shows Survival Benefit for Patients Treated with Immune Checkpoint Inhibitors and Potential Improvements to the Current TNM Staging System. Journal of Neurological Surgery, Part B: Skull Base, 2023, 84, 307-319.	0.4	10
143	Impact of endoscopic sinus surgery on otologic symptoms associated with chronic rhinosinusitis. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2017, 3, 24-31.	0.7	9
144	Nasopharyngeal Angiofibroma Staging with a Novel Nominal Basis: An 18-Year Study in a Tertiary Center. Otolaryngology - Head and Neck Surgery, 2019, 161, 352-361.	1.1	9

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145	Contemporary use of image-guided systems. Current Opinion in Otolaryngology and Head and Neck Surgery, 2003, 11, 33-36.	0.8	8
146	Rehabilitation of Surgically Traumatized Paranasal Sinus Mucosa using Retinoic Acid. American Journal of Rhinology & Allergy, 2007, 21, 271-275.	2.3	8
147	The endoscopic-assisted trephination approach for repair of frontal sinus cerebrospinal fluid leaks. Laryngoscope, 2013, 123, 321-325.	1.1	8
148	Risk Stratification for Postoperative Venous Thromboembolism after Endoscopic Sinus Surgery. Otolaryngology - Head and Neck Surgery, 2018, 158, 767-773.	1.1	8
149	Validation of a rhinologic virtual surgical simulator for performing a Draf 3 endoscopic frontal sinusotomy. International Forum of Allergy and Rhinology, 2019, 9, 910-917.	1.5	8
150	Deep learning automated segmentation of middle skull-base structures for enhanced navigation. International Forum of Allergy and Rhinology, 2021, 11, 1694-1697.	1.5	8
151	Randomized, controlled, double-blind clinical trial of effect of bevacizumab injection in management of epistaxis in hereditary hemorrhagic telangiectasia patients undergoing surgical cauterization. International Forum of Allergy and Rhinology, 2022, 12, 1034-1042.	1.5	8
152	Interrater reliability of endoscopic parameters following sinus surgery. Laryngoscope, 2012, 122, 230-236.	1.1	7
153	Clinical characteristics and prognostic factors of malignant tumors involving pterygopalatine fossa. Head and Neck, 2020, 42, 281-288.	0.9	7
154	Correction of the Twisted Nose Deformity: A Surgical Algorithm Using the External Rhinoplasty Approach. American Journal of Rhinology & Allergy, 1998, 12, 213-220.	2.3	6
155	Acute Bacterial Rhinosinusitis. , 2018, , 133-143.		6
156	The effect of topical epinephrine 1:1000 with and without infiltration of 1% lidocaine with epinephrine 1:100,000 on endoscopic surgical field visualization: a double-blind randomized controlled study. International Forum of Allergy and Rhinology, 2020, 10, 147-152.	1.5	6
157	Surgical approach is associated with complication rate in sinonasal malignancy: A multicenter study. International Forum of Allergy and Rhinology, 2021, 11, 1617-1625.	1.5	6
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