

Benjamin S Bleier

List of Publications by Citations

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

174 papers	2,652 citations	26 h-index	42 g-index
189 ext. papers	3,530 ext. citations	4.3 avg, IF	5.9 L-index

#	Paper	IF	Citations
174	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, 798-803	6.3	226
173	International consensus statement on allergy and rhinology: rhinosinusitis 2021. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 213-739	6.3	97
172	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	5.5	87
171	Converging evidence for the pro-inflammatory role of p-glycoprotein in Th2 polarized chronic rhinosinusitis endotypes. <i>Clinical and Translational Allergy</i> , 2015 , 5, P7	5.2	78
170	Effects of an LL-37-derived antimicrobial peptide in an animal model of biofilm <i>Pseudomonas</i> sinusitis. <i>American Journal of Rhinology and Allergy</i> , 2009 , 23, 46-51	2.4	66
169	The blood-brain barrier and nasal drug delivery to the central nervous system. <i>American Journal of Rhinology and Allergy</i> , 2015 , 29, 124-7	2.4	62
168	Endoscopic endonasal orbital cavernous hemangioma resection: global experience in techniques and outcomes. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 156-61	6.3	54
167	COVID-19 Vaccines May Not Prevent Nasal SARS-CoV-2 Infection and Asymptomatic Transmission. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 164, 305-307	5.5	53
166	Current management of juvenile nasopharyngeal angiofibroma: a tertiary center experience 1999-2007. <i>American Journal of Rhinology and Allergy</i> , 2009 , 23, 328-30	2.4	49
165	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	2.6	47
164	Invasive fungal disease of the sinus and orbit: a comparison between mucormycosis and <i>Aspergillus</i> . <i>British Journal of Ophthalmology</i> , 2016 , 100, 184-8	5.5	46
163	Compartmental endoscopic surgical anatomy of the medial intraconal orbital space. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 587-91	6.3	42
162	Mucocele rate after endoscopic skull base reconstruction using vascularized pedicled flaps. <i>American Journal of Rhinology and Allergy</i> , 2011 , 25, 186-7	2.4	42
161	Septoplasty complications: avoidance and management. <i>Otolaryngologic Clinics of North America</i> , 2009 , 42, 463-81	2	42
160	ICAR: endoscopic skull-base surgery. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, S145-S365	6.3	41
159	Increased presence of dendritic cells and dendritic cell chemokines in the sinus mucosa of chronic rhinosinusitis with nasal polyps and allergic fungal rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2011 , 1, 296-302	6.3	36
158	Dysphagia after chemoradiation: analysis by modified barium swallow. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2007 , 116, 837-41	2.1	36

157	Purely endoscopic trans-nasal management of orbital intraconal cavernous haemangiomas: a systematic review of the literature. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016 , 273, 2319-22	3.5	35
156	Clinical Phenotypes of Nasal Polyps and Comorbid Asthma Based on Cluster Analysis of Disease History. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 1297-1305.e1	5.4	33
155	Endoscopic bimanual approach to an intraconal cavernous hemangioma of the orbital apex with vascularized flap reconstruction. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2014 , 30, e104-6	1.4	32
154	Outcomes analysis in epistaxis management: development of a therapeutic algorithm. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 149, 390-8	5.5	32
153	Immediate and Delayed Complications Following Endoscopic Skull Base Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015 , 76, 390-6	1.5	31
152	Permeabilization of the blood-brain barrier via mucosal engrafting: implications for drug delivery to the brain. <i>PLoS ONE</i> , 2013 , 8, e61694	3.7	29
151	Selective photobiomodulation for emotion regulation: model-based dosimetry study. <i>Neurophotonics</i> , 2019 , 6, 015004	3.9	29
150	Postoperative Opioid Use in Sinonasal Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2019 , 160, 402-408	4.8	28
149	Technetium Tc 99m sestamibi sensitivity in oxyphil cell-dominant parathyroid adenomas. <i>JAMA Otolaryngology</i> , 2006 , 132, 779-82		26
148	Exosomes mediate interepithelial transfer of functional P-glycoprotein in chronic rhinosinusitis with nasal polyps. <i>Laryngoscope</i> , 2017 , 127, E295-E300	3.6	25
147	Safety and efficacy of concentrated topical epinephrine use in endoscopic endonasal surgery. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 1118-23	6.3	25
146	Temporospatial quantification of fluorescein-labeled sinonasal irrigation delivery. <i>International Forum of Allergy and Rhinology</i> , 2011 , 1, 361-5	6.3	25
145	Anosmia: Differential diagnosis, evaluation, and management. <i>American Journal of Rhinology and Allergy</i> , 2017 , 31, 3-7	2.4	24
144	Primary human sinonasal epithelial cell culture model for topical drug delivery in patients with chronic rhinosinusitis with nasal polyposis. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 449-56	4.8	24
143	Exosome swarms eliminate airway pathogens and provide passive epithelial immunoprotection through nitric oxide. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1525-1535.e1	11.5	24
142	Development of the international orbital Cavernous Hemangioma Exclusively Endonasal Resection (CHEER) staging system. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 804-812	6.3	23
141	Regional expression of epithelial MDR1/P-glycoprotein in chronic rhinosinusitis with and without nasal polyposis. <i>International Forum of Allergy and Rhinology</i> , 2012 , 2, 122-5	6.3	23
140	Aerosol Dispersion During Mastoidectomy and Custom Mitigation Strategies for Otologic Surgery in the COVID-19 Era. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 164, 67-73	5.5	23

139	The nasoseptal flap for reconstruction of the medial and inferior orbit. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 763-6	6.3	22
138	P-glycoprotein is a marker of tissue eosinophilia and radiographic inflammation in chronic rhinosinusitis without nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2013 , 3, 684-7	6.3	22
137	An Algorithm for Surgical Approach to the Anterior Skull Base. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2016 , 77, 364-70	1.5	22
136	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	2.3	21
135	Endoscopic anatomy of the postganglionic pterygopalatine innervation of the posterolateral nasal mucosa. <i>International Forum of Allergy and Rhinology</i> , 2011 , 1, 113-7	6.3	21
134	Evolving materials and techniques for endoscopic sinus surgery. <i>Otolaryngologic Clinics of North America</i> , 2010 , 43, 653-72, xi	2	21
133	A Retrospective Review of Orbital Decompression for Thyroid Orbitopathy with Endoscopic Preservation of the Inferomedial Orbital Bone Strut. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2017 , 33, 334-339	1.4	20
132	Endoscopic orbital floor decompression with preservation of the inferomedial strut. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 82-4	6.3	20
131	Noninvasive exosomal proteomic biosignatures, including cystatin SN, peroxiredoxin-5, and glycoprotein VI, accurately predict chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 177-186	6.3	20
130	Highly multiplexed proteomic analysis reveals significant tissue and exosomal coagulation pathway derangement in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 1438-1444	6.3	19
129	Temporary olfactory improvement in chronic rhinosinusitis with nasal polyps after treatment. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018 , 275, 2193-2202	3.5	18
128	P-glycoprotein functions as an immunomodulator in healthy human primary nasal epithelial cells. <i>International Forum of Allergy and Rhinology</i> , 2013 , 3, 433-8	6.3	18
127	Endoscopic management of orbital tumors. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2016 , 24, 57-62	2	18
126	Suction mitigation of airborne particulate generated during sinonasal drilling and cautery. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 1136-1140	6.3	17
125	Exosome function in aerodigestive mucosa. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 269-277	6	17
124	Endoscopic DCR using bipediced interlacing mucosal flaps. <i>Laryngoscope</i> , 2018 , 128, 794-797	3.6	17
123	Verapamil modulates interleukin-5 and interleukin-6 secretion in organotypic human sinonasal polyp explants. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 10-3	6.3	16
122	P-glycoprotein promotes epithelial T helper 2-associated cytokine secretion in chronic sinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 488-94	6.3	16

121	Preliminary study on the stability of beta-2 transferrin in extracorporeal cerebrospinal fluid. <i>Otolaryngology - Head and Neck Surgery</i> , 2011 , 144, 101-3	5.5	16
120	Laser-assisted cerebrospinal fluid leak repair: an animal model to test feasibility. <i>Otolaryngology - Head and Neck Surgery</i> , 2007 , 137, 810-4	5.5	16
119	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	5.4	15
118	Surgical Management of Severe Epistaxis. <i>Otolaryngologic Clinics of North America</i> , 2016 , 49, 627-37	2	14
117	Secreted P-glycoprotein is a noninvasive biomarker of chronic rhinosinusitis. <i>Laryngoscope</i> , 2017 , 127, E1-E4	3.6	14
116	Chitosan glycerophosphate-based semirigid dexamethasone eluting biodegradable stent. <i>American Journal of Rhinology and Allergy</i> , 2009 , 23, 76-9	2.4	14
115	Eccrine porocarcinoma of the nose: case report and review of world literature. <i>JAMA Otolaryngology</i> , 2006 , 132, 215-8		14
114	Oxidative Post-translational Modifications Accelerate Proteolytic Degradation of Calprotectin. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17444-17455	16.4	14
113	Emerging Role of Proteases in the Pathogenesis of Chronic Rhinosinusitis with Nasal Polyps. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 538	5.9	13
112	Osteitis is associated with P-glycoprotein overexpression in patients with chronic sinusitis without nasal polyps. <i>American Journal of Rhinology and Allergy</i> , 2014 , 28, 99-102	2.4	13
111	General antibiotic exposure is associated with increased risk of developing chronic rhinosinusitis. <i>Laryngoscope</i> , 2017 , 127, 296-302	3.6	13
110	In vivo laser tissue welding in the rabbit maxillary sinus. <i>American Journal of Rhinology & Allergy</i> , 2008 , 22, 625-8		13
109	Double-blind placebo-controlled randomized clinical trial of verapamil for chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 271-273	11.5	12
108	Impact of endoscopic dacryocystorhinostomy on sinonasal quality of life. <i>American Journal of Rhinology and Allergy</i> , 2016 , 30, 189-91	2.4	12
107	Escalation in mucus cystatin 2, pappalysin-A, and periostin levels over time predict need for recurrent surgery in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 1212-1219	6.3	12
106	Volumetric analysis of chronic maxillary atelectasis. <i>American Journal of Rhinology and Allergy</i> , 2015 , 29, 166-9	2.4	12
105	Anteriorly based pedicled flaps for skull base reconstruction. <i>Advances in Oto-Rhino-Laryngology</i> , 2013 , 74, 64-70	1.7	12
104	The bipedicled anterior septal flap: a radioanatomic and cadaveric study. <i>Laryngoscope</i> , 2011 , 121, 1367-3.6	3.6	12

103	Laser facial nerve welding in a rabbit model. <i>Archives of Facial Plastic Surgery</i> , 2012 , 14, 52-8		12
102	Comparative techniques of medial rectus muscle retraction for endoscopic exposure of the medial intraconal space. <i>American Journal of Rhinology and Allergy</i> , 2016 , 30, 226-9	2.4	12
101	Current Understanding of the Acute Exacerbation of Chronic Rhinosinusitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 415	5.9	12
100	Prevention and management of medial rectus injury. <i>Otolaryngologic Clinics of North America</i> , 2010 , 43, 801-7	2	11
99	Does the Timing of Middle Turbinate Resection Influence Quality-of-Life Outcomes for Patients with Chronic Rhinosinusitis?. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 157, 874-879	5.5	10
98	Itraconazole and clarithromycin inhibit P-glycoprotein activity in primary human sinonasal epithelial cells. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 477-80	6.3	10
97	Long-term impact of endoscopic orbital decompression on sinonasal-specific quality of life. <i>Laryngoscope</i> , 2018 , 128, 785-788	3.6	10
96	Minimally Invasive Nasal Depot (MIND) technique for direct BDNF AntagoNAT delivery to the brain. <i>Journal of Controlled Release</i> , 2021 , 331, 176-186	11.7	10
95	Heterotopic Mucosal Grafting Enables the Delivery of Therapeutic Neuropeptides Across the Blood Brain Barrier. <i>Neurosurgery</i> , 2016 , 78, 448-57; discussion 457	3.2	10
94	Dose quantification of topical drug delivery to the paranasal sinuses by fluorescein luminosity calculation. <i>International Forum of Allergy and Rhinology</i> , 2012 , 2, 316-20	6.3	9
93	Laser-welded endoscopic endoluminal repair of iatrogenic esophageal perforation: an animal model. <i>Otolaryngology - Head and Neck Surgery</i> , 2008 , 139, 713-7	5.5	9
92	P-glycoprotein regulates Staphylococcus aureus enterotoxin B-stimulated interleukin-5 and thymic stromal lymphopoietin secretion in organotypic mucosal explants. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 169-77	6.3	9
91	TREM-1 Neutrophil Activation Pathway Is Suppressed in Eosinophilic Nasal Polyps. <i>American Journal of Rhinology and Allergy</i> , 2018 , 32, 359-368	2.4	9
90	Tissue and Exosomal Serine Protease Inhibitors Are Significantly Overexpressed in Chronic Rhinosinusitis With Nasal Polyps. <i>American Journal of Rhinology and Allergy</i> , 2019 , 33, 359-368	2.4	8
89	Superior turbinate eosinophilia predicts olfactory decline in patients with chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 125, 304-310.e1	3.2	8
88	Microbiotyping the Sinonasal Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 137	5.9	8
87	Compartmental Endoscopic Surgical Anatomy of the Inferior Intraconal Orbital Space. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, 189-192	1.5	8
86	Morphometric Analysis of the Orbital Process of the Palatine Bone and its Relationship to Endoscopic Orbital Apex Surgery. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2018 , 34, 254-257	1.4	8

85	P-glycoprotein inhibition promotes prednisone retention in human sinonasal polyp explants. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 734-8	6.3	8
84	Laser tissue welding in lung and tracheobronchial repair: an animal model. <i>Chest</i> , 2010 , 138, 345-9	5.3	8
83	Antibiotic eluting chitosan glycerophosphate implant in the setting of acute bacterial sinusitis: a rabbit model. <i>American Journal of Rhinology and Allergy</i> , 2010 , 24, 129-32	2.4	8
82	Definition and characteristics of acute exacerbation in adult patients with chronic rhinosinusitis: a systematic review. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2020 , 49, 62	5.4	8
81	Aerosol-scavenging isolation barrier mitigates exposure risk during endonasal procedures in coronavirus-2019. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 1015-1018	6.3	8
80	Future topical medications in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, S32-S46	6.3	7
79	Guidance for contemporary use of biologics in management of chronic rhinosinusitis with nasal polyps: discussion from a National Institutes of Health-sponsored workshop. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 1037-1042	6.3	7
78	Microarray analysis of the genes associated with osteitis in chronic rhinosinusitis. <i>Laryngoscope</i> , 2017 , 127, E85-E90	3.6	7
77	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	6.3	7
76	SNOT-22 score patterns strongly negatively predict chronic rhinosinusitis in patients with headache. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 9-15	6.3	7
75	Expanding the limits of endoscopic intraorbital tumor resection using 3-dimensional reconstruction. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019 , 85, 157-161	1.6	7
74	Direct CNS delivery of proteins using thermosensitive liposome-in-gel carrier by heterotopic mucosal engrafting. <i>PLoS ONE</i> , 2018 , 13, e0208122	3.7	7
73	Axonal Guidance Signaling Pathway Is Suppressed in Human Nasal Polyps. <i>American Journal of Rhinology and Allergy</i> , 2018 , 32, 208-216	2.4	7
72	Preprocedural COVID-19 screening: Do rhinologic patients carry a unique risk burden for false-negative results?. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 1186-1188	6.3	6
71	Osteologic analysis of ethnic differences in supernumerary ethmoidal foramina: implications for endoscopic sinus and orbit surgery. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 655-658	6.3	6
70	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	6.3	6
69	Bypassing the blood-brain barrier using established skull base reconstruction techniques. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2015 , 1, 11-16	2.6	6
68	Antibiotics in eosinophilic chronic rhinosinusitis: Rethinking maximal antimicrobial medical therapy. <i>Laryngoscope</i> , 2017 , 127, 794-796	3.6	6

67	A simple, single stage technique to harvest optimal ethmoid bone grafts for caudal septal deflections. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 622-5	6.3	6
66	The accessory posterolateral nerve: an immunohistological analysis. <i>American Journal of Rhinology and Allergy</i> , 2012 , 26, 271-3	2.4	6
65	Novel techniques and the future of skull base reconstruction. <i>Advances in Oto-Rhino-Laryngology</i> , 2013 , 74, 174-83	1.7	6
64	Endonasal laser tissue welding: first human experience. <i>American Journal of Rhinology and Allergy</i> , 2010 , 24, 244-6	2.4	6
63	Image guided transoral approach to the pterygopalatine fossa. <i>Laryngoscope</i> , 2006 , 116, 1927-9	3.6	6
62	Improvement in nasal obstruction and quality of life after septorhinoplasty and turbinate surgery. <i>Laryngoscope</i> , 2019 , 129, 1554-1560	3.6	6
61	Delivery of neurotrophic factors in the treatment of age-related chronic neurodegenerative diseases. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 323-340	8	5
60	Influence of P-Glycoprotein Function on Chronic Rhinosinusitis/Nasal Polyps Pathophysiology. <i>Advances in Oto-Rhino-Laryngology</i> , 2016 , 79, 38-47	1.7	5
59	Intact soluble P-glycoprotein is secreted by sinonasal epithelial cells. <i>American Journal of Rhinology and Allergy</i> , 2016 , 30, 246-9	2.4	5
58	Endoscopic endonasal intraconal orbit surgery. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2020 , 6, 100-105	2.6	5
57	Sample collection for laboratory-based study of the nasal airway and sinuses: a research compendium. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 303-313	6.3	5
56	Revision eDCR using a superior pedicled mucosal flap. <i>Orbit</i> , 2019 , 38, 1-6	1.5	5
55	Osteitis is associated with dysregulated pro-osteoblastic activity in patients with nasal polyps. <i>Laryngoscope</i> , 2019 , 129, E102-E109	3.6	5
54	Mechanisms and pathogenesis of chronic rhinosinusitis.. <i>Journal of Allergy and Clinical Immunology</i> , 2022 ,	11.5	5
53	The sinonasal microbiota, neural signaling, and depression in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 394-405	6.3	4
52	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	2.6	4
51	Pseudomonas Aeruginosa: A Masquerader in Sino-Orbital Infections. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2016 , 32, 374-7	1.4	4
50	Exclusively endoscopic endonasal resection of benign orbital tumors: a systematic review and meta-analysis. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 924-934	6.3	4

49	A Shift in the Orbit: Immediate Endoscopic Reconstruction After Transnasal Orbital Tumors Resection: Response. <i>Journal of Craniofacial Surgery</i> , 2018 , 29, 1674-1675	1.2	4
48	Osmotic core-shell polymeric implant for sustained BDNF AntagoNAT delivery in CNS using minimally invasive nasal depot (MIND) approach. <i>Biomaterials</i> , 2021 , 276, 120989	15.6	4
47	Does bilateral inferior turbinate reduction affect long-term quality-of-life outcomes in patients undergoing endoscopic sinus surgery?. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 601-606	6.3	3
46	Endoscopic management of lateral sphenoid cerebrospinal fluid leaks: Identifying a radiographic parameter for surgical planning. <i>Laryngoscope Investigative Otolaryngology</i> , 2020 , 5, 375-380	2.8	3
45	Significant polyomic and functional upregulation of the PAPP-A/IGFBP-4/5/IGF-1 axis in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 546-555	6.3	3
44	Unexpected effects of systemic steroids on the CRSwNP proteome: is protein upregulation more important than inhibition?. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 334-342	6.3	3
43	Heterotopic mucosal engrafting procedure for direct drug delivery to the brain in mice. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	3
42	Cranial-base repair using endoscopic laser welding. <i>Otolaryngologic Clinics of North America</i> , 2009 , 42, 901-6, xi	2	3
41	Endonasal CNS Delivery System for Blood-Brain Barrier Impermeant Therapeutic Oligonucleotides Using Heterotopic Mucosal Engrafting. <i>Frontiers in Pharmacology</i> , 2021 , 12, 660841	5.6	3
40	Benefit of Preoperative Oral Steroids during Sinus Surgery when Utilizing Concentrated Topical Epinephrine. <i>Orl</i> , 2016 , 78, 216-22	2	3
39	Airborne aerosol olfactory deposition contributes to anosmia in COVID-19. <i>PLoS ONE</i> , 2021 , 16, e0244123	3.7	3
38	Clinical Implications of Psychophysical Olfactory Testing: Assessment, Diagnosis, and Treatment Outcome. <i>Frontiers in Neuroscience</i> , 2021 , 15, 646956	5.1	3
37	Lynch vs transcaruncular approach: optimizing access to the lateral frontal sinus. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 991-995	6.3	2
36	Reply to: Endonasal drilling may be employed safely in the COVID-19 era. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 1120	6.3	2
35	Response to "Aerosol or droplet: critical definitions in the COVID-19 era". <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 970	6.3	2
34	Diffuse intranasal papillomatosis and its association with human papillomavirus. <i>JAMA Otolaryngology</i> , 2008 , 134, 778-80		2
33	Endoscopic Surgery of the Orbit 2019 ,		2
32	Endoscopic Medial Rectus Muscle Retraction: Comparison of Techniques to Maximize Endoscopic Exposure of the Medial Orbit. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015 , 76,	1.5	2

31	The international sinonasal microbiome study (ISMS): a multi-centre, multi-national collaboration characterising the microbial ecology of the sinonasal cavity		2
30	Development of a Modular Cadaveric Endoscopic Orbital Surgery Model. <i>American Journal of Rhinology and Allergy</i> , 2020 , 34, 183-188	2.4	2
29	Association of Sinonasal Inflammation With Functional Brain Connectivity. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021 , 147, 534-543	3.9	2
28	Lightening in a bottle: comparison of ultraviolet light to traditional sterilization in saline irrigations bottles. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 53-58	6.3	2
27	AHNS endocrine surgery section consensus statement on nasopharyngolaryngoscopy and clinic reopening during COVID-19: How to get back to optimal safe care. <i>Head and Neck</i> , 2021 , 43, 733-738	4.2	2
26	Trends in sinusitis research: a systematic review of extramural funding. <i>International Forum of Allergy and Rhinology</i> , 2017 , 7, 1104-1107	6.3	1
25	Endoscopic Intraconal Orbit Surgery. <i>Current Otorhinolaryngology Reports</i> , 2019 , 7, 165-172	0.5	1
24	Use of off-label steroid irrigations in chronic rhinosinusitis: a survey of the American Rhinologic Society. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 575-576	6.3	1
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20	Endoscopic endonasal resection of orbital schwannoma assisted with small-incision medial orbitotomy: case series and surgical technique. <i>Orbit</i> , 2021 , 40, 536-542	1.5	1
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