

Jayakar V Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,791
citations

346980

22
h-index

371746

37
g-index

81
all docs

81
docs citations

81
times ranked

2601
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2023, 84, 307-319.	0.4	10
2	The Effect of Povidone-Iodine Nasal Spray on Nasopharyngeal SARS-CoV-2 Viral Load: A Randomized Control Trial. <i>Laryngoscope</i> , 2022, 132, 2089-2095.	1.1	11
3	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
4	Deep learning classification of inverted papilloma malignant transformation using 3D convolutional neural networks and magnetic resonance imaging. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 1025-1033.	1.5	11
5	Inferior Meatus Augmentation Procedure (IMAP) for Treatment of Empty Nose Syndrome. <i>Laryngoscope</i> , 2022, 132, 1285-1288.	1.1	4
6	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
7	Multicenter Analysis of Clinical Outcomes of Sinonasal Mucosal Melanoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.4	0
8	The Utility of A "Second Look" Debridement Following Endonasal Skull Base Surgery in the Pediatric Population. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.4	0
9	In Response to "Inferior Meatus Augmentation Procedure (IMAP) for Treatment of Empty Nose Syndrome". <i>Laryngoscope</i> , 2022, 132, .	1.1	1
10	Endoscopic Endonasal Approach for Suprasellar Mature Teratoma in Growing Teratoma Syndrome: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, Publish Ahead of Print, .	0.4	0
11	Inferior meatus augmentation procedure (IMAP) normalizes nasal airflow patterns in empty nose syndrome patients via computational fluid dynamics (CFD) modeling. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 902-909.	1.5	19
12	Outcomes in Treatment of Rhinosinusitis in the Setting of Medication Induced Immunosuppression. <i>American Journal of Rhinology and Allergy</i> , 2021, 35, 221-225.	1.0	2
13	The empty nose syndrome 6-item questionnaire (ENS6Q): a diagnostic tool to distinguish empty nose syndrome from primary nasal obstruction. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 1113-1115.	1.5	6
14	Long-Term Outcomes of Inferior Meatus Augmentation Procedure to Treat Empty Nose Syndrome. <i>Laryngoscope</i> , 2021, 131, E2736-E2741.	1.1	17
15	Oral Corticosteroids Following Endoscopic Sinus Surgery for Chronic Rhinosinusitis Without Nasal Polyposis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 434.	1.2	12
16	Surgical approach is associated with complication rate in sinonasal malignancy: A multicenter study. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 1617-1625.	1.5	6
17	SARS-CoV-2 infects human pancreatic Î² cells and elicits Î² cell impairment. <i>Cell Metabolism</i> , 2021, 33, 1565-1576.e5.	7.2	225
18	Ethacridine inhibits SARS-CoV-2 by inactivating viral particles. <i>PLoS Pathogens</i> , 2021, 17, e1009898.	2.1	25

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19	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. <i>Cell Reports Medicine</i> , 2021, 2, 100421.	3.3	11
20	Assessment of Opioid Use and Analgesic Requirements After Endoscopic Sinus Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 811.	1.2	12
21	Venous thromboembolism rates and risk factors following endoscopic skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2021, , .	1.5	4
22	Comparison of endoscopic sinus surgery timing in lung transplant patients with cystic fibrosis. <i>International Forum of Allergy and Rhinology</i> , 2021, , .	1.5	3
23	Patient-Reported Outcome Measures and Provocative Testing in the Workup of Empty Nose Syndrome—Advances in Diagnosis: A Systematic Review. <i>American Journal of Rhinology and Allergy</i> , 2020, 34, 134-140.	1.0	11
24	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. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 147-152.	1.5	6
25	Hemodynamic changes in patients undergoing office-based sinus procedures under local anesthesia. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 114-120.	1.5	1
26	High-Efficiency, Selection-free Gene Repair in Airway Stem Cells from Cystic Fibrosis Patients Rescues CFTR Function in Differentiated Epithelia. <i>Cell Stem Cell</i> , 2020, 26, 161-171.e4.	5.2	97
27	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. <i>Nature Communications</i> , 2020, 11, 5453.	5.8	191
28	Indications and Outcomes for Patients With Limited Symptoms Undergoing Endoscopic Sinus Surgery. <i>American Journal of Rhinology and Allergy</i> , 2020, 34, 502-507.	1.0	4
29	Inferior Meatus Augmentation Procedure (IMAP) to Treat Empty Nose Syndrome: A Pilot Study. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 382-385.	1.1	13
30	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
31	The cotton test redistributes nasal airflow in patients with empty nose syndrome. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 539-545.	1.5	12
32	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
33	Nasal vestibular body treatment for recalcitrant nasal obstruction. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 388-394.	1.5	7
34	The Horizon Sign and Frontal Bar: Two Topographic Landmarks to Confirm Endoscopic Frontal Sinusotomy. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 740-743.	1.1	1
35	Microcurrent technology for rapid relief of sinus pain: a randomized, placebo-controlled, double-blind clinical trial. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 352-356.	1.5	12
36	Environmental Triggers Associated With Empty Nose Syndrome Symptoms: A Cross-Sectional Study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2019, 128, 601-607.	0.6	5

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37	The Upper Airway Nasal Complex: Structural Contribution to Persistent Nasal Obstruction. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 171-177.	1.1	28
38	Use of intranasal submucosal fillers as a transient implant to alter upper airway aerodynamics: implications for the assessment of empty nose syndrome. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 681-687.	1.5	26
39	Management of Postsurgical Empty Nose Syndrome. <i>Facial Plastic Surgery Clinics of North America</i> , 2019, 27, 465-475.	0.9	17
40	Topical Corticosteroid Pretreatment Mitigates Cellular Damage After Caustic Injury to the Nasal Upper Airway Epithelium. <i>American Journal of Rhinology and Allergy</i> , 2019, 33, 277-285.	1.0	3
41	Imaging predictors for malignant transformation of inverted papilloma. <i>Laryngoscope</i> , 2019, 129, 777-782.	1.1	31
42	Effect of Omega-3 Supplementation in Patients with Olfactory Dysfunction following Endoscopic Sellar and Parasellar Tumor Resection. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.4	0
43	Risk Stratification for Postoperative Venous Thromboembolism after Endoscopic Sinus Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 767-773.	1.1	8
44	Orbital Apex Syndrome. <i>New England Journal of Medicine</i> , 2018, 378, e23.	13.9	9
45	The functional and psychological burden of empty nose syndrome. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 707-712.	1.5	47
46	The "Cross-Court" procedure for advanced nasal septum or frontal sinus pathology and nasal septum pathology. <i>Laryngoscope</i> , 2018, 128, 1527-1530.	1.1	4
47	Nose blowing after endoscopic sinus surgery does not adversely affect outcomes. <i>Laryngoscope</i> , 2018, 128, 1268-1273.	1.1	4
48	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
49	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
50	Comparison of outcomes following culture-directed vs non-culture-directed antibiotics in treatment of acute exacerbations of chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1028-1033.	1.5	12
51	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
52	Precision medicine: why surgeons deviate from "appropriateness criteria" in the management of chronic rhinosinusitis and effects on outcomes. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1389-1394.	1.5	3
53	Glycolysis and the Hexosamine Biosynthetic Pathway as Novel Targets for Upper and Lower Airway Inflammation. <i>Allergy, Asthma and Immunology Research</i> , 2018, 10, 6.	1.1	11
54	Safe treatment of ethmoid sinusitis utilizing minimally invasive ethmoid punch sinusotomy in chronic rhinosinusitis without polyposis patients. <i>Laryngoscope</i> , 2017, 127, 1268-1275.	1.1	5

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55	Selective expansion of human regulatory T cells in nasal polyps, and not adjacent tissue microenvironments, in individual patients exposed to steroids. <i>Clinical Immunology</i> , 2017, 179, 66-76.	1.4	10
56	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
57	Defining surgical criteria for empty nose syndrome: Validation of the office-based cotton test and clinical interpretability of the validated Empty Nose Syndrome 6-item Questionnaire. <i>Laryngoscope</i> , 2017, 127, 1746-1752.	1.1	47
58	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
59	Enhanced Irrigant Delivery to the Ethmoid Sinuses Directly Following Ethmoid Punch Sinusotomy. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2017, 126, 804-812.	0.6	2
60	Outcomes After Endoscopic Endonasal Resection of Craniopharyngiomas in the Pediatric Population. <i>World Neurosurgery</i> , 2017, 108, 6-14.	0.7	56
61	Evidence for a "preinvasive" variant of fungal sinusitis: Tissue invasion without angioinvasion. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2017, 3, 37-43.	0.7	9
62	Efficacy of endoscopic sinus surgery for chronic rhinosinusitis following primary radiotherapy and concurrent chemotherapy for nasopharyngeal carcinoma. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 1045-1051.	1.5	5
63	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
64	The Empty Nose Syndrome 6-item Questionnaire (ENS6Q): a validated 6-item questionnaire as a diagnostic aid for empty nose syndrome patients. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 64-71.	1.5	72
65	Endoscopic Resection of Skull Base Teratoma in Klippel-Feil Syndrome through Use of Combined Ultrasonic and Bipolar Diathermy Platforms. <i>Case Reports in Otolaryngology</i> , 2017, 2017, 1-7.	0.1	2
66	Barosinusitis: Comprehensive Review and Proposed New Classification System. <i>Allergy and Rhinology</i> , 2017, 8, ar.2017.8.0221.	0.7	16
67	Distinguishing computed tomography findings in patients with empty nose syndrome. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 1075-1082.	1.5	21
68	Characterization of immunoglobulin E plasma cells that are elevated in the upper airway mucosa of nonatopic patients with chronic rhinosinusitis without nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 378-384.	1.5	4
69	Use of Pedicled Nasoseptal Flap for Pathologic Oroantral Fistula Closure. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 704.e1-704.e6.	0.5	13
70	The nasal vestibular body: anatomy, clinical features, and treatment considerations. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 777-781.	0.8	9
71	Airway epithelial homeostasis and planar cell polarity signaling depend on multiciliated cell differentiation. <i>JCI Insight</i> , 2016, 1, .	2.3	63
72	Reply to: In reference to: Medical therapy vs surgery for recurrent acute rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 1186-1186.	1.5	1

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73	Medical therapy vs surgery for recurrent acute rhinosinusitis. International Forum of Allergy and Rhinology, 2015, 5, 667-673.	1.5	31
74	Inferior turbinate reconstruction using porcine small intestine submucosal xenograft demonstrates improved quality of life outcomes in patients with empty nose syndrome. International Forum of Allergy and Rhinology, 2015, 5, 1077-1081.	1.5	25
75	Consistent Ipsilateral Development of the Posterior Extension of the Quadrangular Cartilage and Bony Spur Formation in Nasal Septal Deviation. Otolaryngology - Head and Neck Surgery, 2015, 152, 444-448.	1.1	3
76	Endoscopic Transnasal Approach for Urgent Decompression of the Craniocervical Junction in Acute Skull Base Osteomyelitis. Journal of Neurological Surgery Reports, 2015, 76, e37-e42.	0.3	23
77	Intraocular Pressure Changes in Emergent Surgical Decompression of Orbital Compartment Syndrome. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 562.	1.2	16
78	Long-term Sinonasal Outcomes of Aspirin Desensitization in Aspirin Exacerbated Respiratory Disease. Otolaryngology - Head and Neck Surgery, 2014, 151, 575-581.	1.1	80
79	The Inferior Turbinate: Role in Normal Respiration and Airway Obstruction. Current Otorhinolaryngology Reports, 0, , 1.	0.2	0