

Nithin D Adappa

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

2,122
citations

236833

25
h-index

289141

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113
all docs

113
docs citations

113
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , 2020, 183, 1962-1985.e31.	13.5	177
2	The bitter taste receptor T2R38 is an independent risk factor for chronic rhinosinusitis requiring sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2014, 4, 3-7.	1.5	142
3	Solitary chemosensory cells are a primary epithelial source of IL-25 in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 460-469.e7.	1.5	123
4	Genetics of the taste receptor T2R38 correlates with chronic rhinosinusitis necessitating surgical intervention. <i>International Forum of Allergy and Rhinology</i> , 2013, 3, 184-187.	1.5	93
5	<i>TAS2R38</i> genotype predicts surgical outcome in nonpolypoid chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 25-33.	1.5	91
6	Outcomes after complete endoscopic sinus surgery and aspirin desensitization in aspirin-exacerbated respiratory disease. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 49-53.	1.5	65
7	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> , 2018, 8, 668-675.	1.5	56
8	Survival outcomes for stage-matched endoscopic and open resection of olfactory neuroblastoma. <i>Head and Neck</i> , 2017, 39, 2425-2432.	0.9	54
9	Sinus irrigations before and after surgery—Visualization through computational fluid dynamics simulations. <i>Laryngoscope</i> , 2016, 126, E90-6.	1.1	52
10	T2R38 genotype is correlated with sinonasal quality of life in homozygous $\Delta F508$ cystic fibrosis patients. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 356-361.	1.5	50
11	Solitary chemosensory cells producing interleukin-25 and group 2 innate lymphoid cells are enriched in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 900-906.	1.5	47
12	Taste Receptors: Regulators of Sinonasal Innate Immunity. <i>Laryngoscope Investigative Otolaryngology</i> , 2016, 1, 88-95.	0.6	42
13	Lack of Sphenoid Pneumatization Does Not Affect Endoscopic Endonasal Pediatric Skull Base Surgery Outcomes. <i>Laryngoscope</i> , 2019, 129, 832-836.	1.1	38
14	Relative susceptibility of airway organisms to antimicrobial effects of nitric oxide. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 770-776.	1.5	37
15	Endoscopic endonasal resection versus open surgery for pediatric craniopharyngioma: comparison of outcomes and complications. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 236-245.	0.8	36
16	Propensity score analysis of endoscopic and open approaches to malignant paranasal and anterior skull base tumor outcomes. <i>Laryngoscope</i> , 2016, 126, 1724-1729.	1.1	35
17	The Role of Quinine-Responsive Taste Receptor Family 2 in Airway Immune Defense and Chronic Rhinosinusitis. <i>Frontiers in Immunology</i> , 2018, 9, 624.	2.2	35
18	Risk of lymph node metastasis and recommendations for elective nodal treatment in squamous cell carcinoma of the nasal cavity and maxillary sinus: a SEER analysis. <i>Acta Oncologica</i> , 2016, 55, 1107-1114.	0.8	33

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19	Patient, disease, and treatment factors associated with overall survival in esthesioneuroblastoma. International Forum of Allergy and Rhinology, 2017, 7, 1186-1194.	1.5	33
20	Sinonasal quality of life after endoscopic resection of malignant sinonasal and skull base tumors. Laryngoscope, 2018, 128, 789-793.	1.1	33
21	The human olfactory cleft mucus proteome and its age-related changes. Scientific Reports, 2018, 8, 17170.	1.6	33
22	Smell preservation following endoscopic unilateral resection of esthesioneuroblastoma: a multi-institutional experience. International Forum of Allergy and Rhinology, 2016, 6, 1047-1050.	1.5	32
23	Imaging predictors for malignant transformation of inverted papilloma. Laryngoscope, 2019, 129, 777-782.	1.1	31
24	Bitter and sweet taste tests are reflective of disease status in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1078-1080.	2.0	29
25	Fungal extracts stimulate solitary chemosensory cell expansion in noninvasive fungal rhinosinusitis. International Forum of Allergy and Rhinology, 2019, 9, 730-737.	1.5	29
26	Is topical epinephrine safe for hemostasis in endoscopic sinus surgery?. Laryngoscope, 2019, 129, 1-3.	1.1	28
27	Different clinical factors associated with <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> in chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2015, 5, 724-733.	1.5	25
28	<i>Staphylococcus aureus</i> triggers nitric oxide production in human upper airway epithelium. International Forum of Allergy and Rhinology, 2015, 5, 808-813.	1.5	25
29	Clinical outcomes of sinonasal squamous cell carcinomas based on tumor etiology. International Forum of Allergy and Rhinology, 2017, 7, 508-513.	1.5	25
30	Denatonium-induced sinonasal bacterial killing may play a role in chronic rhinosinusitis outcomes. International Forum of Allergy and Rhinology, 2017, 7, 699-704.	1.5	24
31	Nodal metastasis and elective nodal level treatment in sinonasal small-cell and sinonasal undifferentiated carcinoma: a surveillance, epidemiology and end results analysis. British Journal of Radiology, 2016, 89, 20150488.	1.0	23
32	Adenoid cystic carcinoma of the sinonasal tract: a review of the national cancer database. International Forum of Allergy and Rhinology, 2019, 9, 427-434.	1.5	23
33	Endoscopy versus imaging: Analysis of surveillance methods in sinonasal malignancy. Head and Neck, 2016, 38, 1229-1233.	0.9	20
34	Incidence and Risk Factors for Prolonged Hospitalization and Readmission after Transsphenoidal Pituitary Surgery. Otolaryngology - Head and Neck Surgery, 2016, 155, 688-694.	1.1	19
35	Alcohol-induced respiratory symptoms improve after aspirin desensitization in patients with aspirin-exacerbated respiratory disease. International Forum of Allergy and Rhinology, 2018, 8, 1093-1097.	1.5	19
36	Biofilm-forming bacteria and quality of life improvement after sinus surgery. International Forum of Allergy and Rhinology, 2015, 5, 643-649.	1.5	18

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37	Human upper airway epithelium produces nitric oxide in response to <i>Staphylococcus epidermidis</i> . International Forum of Allergy and Rhinology, 2016, 6, 1238-1244.	1.5	18
38	¹⁸ FDG PET/CT in Routine Surveillance of Asymptomatic Patients following Treatment of Sinonasal Neoplasms. Otolaryngology - Head and Neck Surgery, 2017, 157, 1068-1074.	1.1	18
39	BronchoVaxom® (OM85 BV) soluble components stimulate sinonasal innate immunity. International Forum of Allergy and Rhinology, 2019, 9, 370-377.	1.5	17
40	The impact of expanded endonasal skull base surgery on midfacial growth in pediatric patients. Laryngoscope, 2020, 130, 338-342.	1.1	17
41	Rhinology and skull base surgery. Current Opinion in Otolaryngology and Head and Neck Surgery, 2015, 23, 1.	0.8	15
42	Drivers of In-Hospital Costs Following Endoscopic Transphenoidal Pituitary Surgery. Laryngoscope, 2021, 131, 760-764.	1.1	15
43	Smell Preservation following Unilateral Endoscopic Transnasal Approach to Resection of Olfactory Groove Meningioma: A Multi-institutional Experience. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 263-267.	0.4	14
44	Temporal patterns of ¹⁸ F-fluorodeoxyglucose positron emission tomography/computed tomography sinonasal uptake after treatment of sinonasal malignancy. International Forum of Allergy and Rhinology, 2016, 6, 1301-1307.	1.5	13
45	Efficacy of fluticasone exhalation delivery system in the management of chronic rhinosinusitis: what is the evidence?. International Forum of Allergy and Rhinology, 2019, 9, S16-S21.	1.5	13
46	Predictors of Short-term Morbidity and Mortality in Open Anterior Skull Base Surgery. Laryngoscope, 2019, 129, 1407-1412.	1.1	13
47	Major complications of aspirin desensitization and maintenance therapy in aspirin-exacerbated respiratory disease. International Forum of Allergy and Rhinology, 2021, 11, 115-119.	1.5	13
48	Solitary chemosensory cells are innervated by trigeminal nerve endings and autoregulated by cholinergic receptors. International Forum of Allergy and Rhinology, 2021, 11, 877-884.	1.5	13
49	Sinonasal Undifferentiated Carcinoma: A 15-Year Single Institution Experience. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 088-095.	0.4	12
50	Adenocarcinoma of the Sinonasal Tract: A Review of the National Cancer Database. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 701-708.	0.4	12
51	What is the appropriate timing for endoscopic and radiographic surveillance following treatment for sinonasal malignancies?. Laryngoscope, 2018, 128, 1511-1512.	1.1	11
52	Small-molecule Akt-activation in airway cells induces NO production and reduces IL-8 transcription through Nrf-2. Respiratory Research, 2021, 22, 267.	1.4	11
53	The management of cystic fibrosis chronic rhinosinusitis: An evidence-based review with recommendations. International Forum of Allergy and Rhinology, 2022, 12, 1148-1183.	1.5	11
54	HSP90 Modulates T2R Bitter Taste Receptor Nitric Oxide Production and Innate Immune Responses in Human Airway Epithelial Cells and Macrophages. Cells, 2022, 11, 1478.	1.8	11

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55	Tissue-dependent expression of bitter receptor TAS2R38 mRNA. <i>Chemical Senses</i> , 2019, 44, 33-40.	1.1	10
56	Sinonasal mucoepidermoid carcinoma: a review of the National Cancer Database. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1046-1053.	1.5	10
57	<sc>Penn</sc> Medicine Head and Neck Cancer Service Line <sc>COVID</sc>â€19 management guidelines. <i>Head and Neck</i> , 2020, 42, 1507-1515.	0.9	9
58	Denatonium benzoate bitter taste perception in chronic rhinosinusitis subgroups. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 967-975.	1.5	9
59	Effectiveness of endoscopic sinus surgery and aspirin therapy in the management of aspirin-exacerbated respiratory disease. <i>Allergy and Asthma Proceedings</i> , 2021, 42, 136-141.	1.0	9
60	Dupilumab Adverse Events in Nasal Polyp Treatment: Analysis of <sc>FDA</sc> Adverse Event Reporting System. <i>Laryngoscope</i> , 2022, 132, 2307-2313.	1.1	9
61	Sinonasal Inverted Papilloma and Squamous Cell Carcinoma: Contemporary Management and Patient Outcomes. <i>Cancers</i> , 2022, 14, 2195.	1.7	9
62	Accuracy of Selfâ€reported Diagnosis of Chronic Rhinosinusitis. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 556-558.	1.1	8
63	Nasopharyngeal Angiofibroma: A Forgotten Entity in Older Patients. <i>Clinical Medicine Insights: Case Reports</i> , 2019, 12, 117954761984106.	0.3	7
64	Asymptomatic radiographic sinonasal inflammation does not affect pituitary surgery outcomes. <i>Laryngoscope</i> , 2019, 129, 1545-1548.	1.1	7
65	Rates of symptomatology are lower in recurrent sinonasal malignancy than in other recurrent cancers of the head and neck: a multiâ€institutional study. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 688-694.	1.5	7
66	Multidisciplinary approaches to odontogenic lesions. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2020, 28, 36-45.	0.8	7
67	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, 180-186.	0.4	6
68	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> , 2020, 10, 23-28.	1.5	6
69	Inverted papilloma is associated with greater radiographic inflammatory disease than other sinonasal malignancy. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 278-281.	1.5	6
70	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
71	A Systematic Review of Definitive Treatment for Inverted Papilloma Attachment Site and Associations With Recurrence. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 167, 425-433.	1.1	6
72	The rhinologist's role in the management of rathke's cleft cysts. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2019, 27, 67-71.	0.8	5

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73	Determinants of Survival in Skull Base Chondrosarcoma: A National Cancer Database Study. <i>World Neurosurgery</i> , 2022, 158, e766-e777.	0.7	5
74	Similarities between allergen sensitivity patterns of central compartment atopic disease and allergic rhinitis. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 1299-1302.	1.5	5
75	Sinonasal Acinic Cell Carcinoma: A Review of the National Cancer Database. <i>American Journal of Rhinology and Allergy</i> , 2022, 36, 741-746.	1.0	5
76	Effects of ophthalmologic solutions on sinonasal ciliated epithelium. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 801-808.	1.5	4
77	Expression of dermcidin in human sinonasal secretions. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 154-159.	1.5	4
78	Instrumentation in Frontal Sinus Surgery. <i>Otolaryngologic Clinics of North America</i> , 2016, 49, 945-949.	0.5	3
79	Age as a factor in treatment of aspirin-exacerbated respiratory disease: relationship to required aspirin maintenance dose after desensitization. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 1180-1181.	1.5	3
80	Extraprimary Local Recurrence of Esthesioneuroblastoma: Case Series and Literature Review. <i>World Neurosurgery</i> , 2020, 144, e546-e552.	0.7	3
81	In vitro safety of ketotifen as a topical nasal rinse. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 265-270.	1.5	3
82	Treatment Outcomes in Aspirin-Exacerbated Respiratory Disease Based on the 12-Item Short Form Survey. <i>American Journal of Rhinology and Allergy</i> , 2021, 35, 194589242110016.	1.0	3
83	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> , 2021, 9, 2498-2500.	2.0	3
84	Steroid affected cytokines in aspirin-exacerbated respiratory disease. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 1232-1241.	1.5	3
85	What is the evidence for fluticasone exhalation delivery system in chronic rhinosinusitis?. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2020, 28, 14-17.	0.8	2
86	Exhalation Delivery Systems for Application of Intranasal Corticosteroids. <i>Ear, Nose and Throat Journal</i> , 2020, 100, 014556132098019.	0.4	2
87	Incidence, risk factors, and outcomes of endoscopic sinus surgery after endoscopic skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 521-525.	1.5	2
88	The GSDMB rs7216389 SNP is associated with chronic rhinosinusitis in a multi-institutional cohort. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 1647-1653.	1.5	2
89	Pre-intervention SNOT-22 scores predict outcomes in aspirin exacerbated respiratory disease. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 103025.	0.6	2
90	Comparison of high-flow CSF leak closure with nasoseptal flap following endoscopic endonasal approach in adult and pediatric populations. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 321-323.	1.5	2

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91	Comparison of aspirin desensitization outcomes between men and women with AERD. International Forum of Allergy and Rhinology, 2022, 12, 872-875.	1.5	2
92	Patterns of Opioid Usage and Predictors of Utilization Following Endoscopic Skull Base Surgery. Laryngoscope, 2022, , .	1.1	2
93	Rhinology. Current Opinion in Otolaryngology and Head and Neck Surgery, 2014, 22, 1.	0.8	1
94	Clinical and Radiographic Characteristics of Sinonasal Posttransplant Lymphoproliferative Disorder and Invasive Fungal Sinusitis. Otolaryngol Head Neck Surg, 2019, 121, 294-303.	0.6	1
95	Disorders Involving a Persistent Craniopharyngeal Canal: A Case Series. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 562-566.	0.4	1
96	Initial outcomes at a nascent tertiary pediatric thyroid surgical center. International Journal of Pediatric Otorhinolaryngology, 2021, 143, 110639.	0.4	1
97	Expanded Endoscopic Endonasal Treatment of Primary Intracranial Tumors within the Paranasal Sinuses. ISRN Minimally Invasive Surgery, 2013, 2013, 1-5.	0.3	0
98	The state of sinus care in 2017. Current Opinion in Otolaryngology and Head and Neck Surgery, 2017, 25, 3.	0.8	0
99	Endoscopic transplanum drainage of epidural abscess in a pediatric patient. Laryngoscope, 2020, 130, 886-889.	1.1	0
100	A Comparison of Overall Survival between Definitive Local Therapy and Systemic Therapy in Metastatic Sinonasal Malignancies. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.4	0
101	Determinants of Patient Refusal of Postoperative Radiation Therapy in Sinonasal Squamous Cell Carcinoma. , 2021, 82, .		0
102	Novel Intraoperative Fast Anatomic Mapping as Teaching Adjunct in Endoscopic Sinus Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.4	0
103	Prognosis of Distant Metastatic Sites in Anterior Skull Base Malignancies. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.4	0
104	Outcomes of Pediatric Craniopharyngioma Resections after Open versus Expanded Endonasal Surgical Approach. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
105	for Sinonasal Mucosal Melanoma: A Single-Institution Retrospective Experience. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
106	A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.4	0
107	Temporal Trends in the Use of Radiation Therapy for the Treatment of Pituitary Adenoma in the National Cancer Database. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.4	0
108	Utility of Postoperative Nasal Steroid Irrigations in Sinonasal Tumor Patients. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	0

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109	Editorial: Emerging frontiers in rhinology and skull base surgery. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2022, 30, 1-2.	0.8	0
110	In-Hospital Costs Associated With an Expanded Endonasal Approach to Anterior Skull Base Tumors. <i>Annals of Otology, Rhinology and Laryngology</i> , 0, , 000348942110675.	0.6	0
111	The Impact of Type II Diabetes Mellitus on Sinonasal Symptoms after Resection of Inverted Papilloma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.4	0
112	Benefit of Antibiotic Nasal Irrigations after Surgical Resection of Inverted Papilloma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.4	0
113	Postoperative Quality of Life in Patients with and without CRSwNP Undergoing Surgical Resection of Inverted Papilloma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.4	0