

Karthik Balakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,766
citations

361413
20
h-index

315739
38
g-index

94
all docs

94
docs citations

94
times ranked

2034
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrite Development Regulated by CREST, a Calcium-Regulated Transcriptional Activator. <i>Science</i> , 2004, 303, 197-202.	12.6	245
2	Lymphatic malformations: Diagnosis and management. <i>Seminars in Pediatric Surgery</i> , 2014, 23, 178-185.	1.1	189
3	COVID-19 Pandemic: What Every Otolaryngologistâ€œHead and Neck Surgeon Needs to Know for Safe Airway Management. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 804-808.	1.9	77
4	Applications and Outcomes of Orbital and Transorbital Endoscopic Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2011, 144, 815-820.	1.9	74
5	Primary Surgery vs Primary Sclerotherapy for Head and Neck Lymphatic Malformations. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2014, 140, 41.	2.2	69
6	Structure and Functions of Pediatric Aerodigestive Programs: A Consensus Statement. <i>Pediatrics</i> , 2018, 141, e20171701.	2.1	66
7	Functional and Symptom Impacts of Pediatric Head and Neck Lymphatic Malformations. <i>Otolaryngology - Head and Neck Surgery</i> , 2012, 147, 925-931.	1.9	49
8	Standardized Outcome and Reporting Measures in Pediatric Head and Neck Lymphatic Malformations. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 948-953.	1.9	45
9	Multidisciplinary Safety Recommendations After Tracheostomy During COVID-19 Pandemic: State of the Art Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 984-1000.	1.9	43
10	Endoscopic anteriorâ€œposterior cricoid split for pediatric bilateral vocal fold paralysis. <i>Laryngoscope</i> , 2018, 128, 257-263.	2.0	42
11	International Pediatric Otolaryngology group (IPOG) consensus on the diagnosis and management of pediatric obstructive sleep apnea (OSA). <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 138, 110276.	1.0	38
12	Sclerotherapy for lymphatic malformations of head and neck: Systematic review and meta-analysis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2020, 8, 154-164.	1.6	35
13	Outcome measures for pediatric laryngotracheal reconstruction: International consensus statement. <i>Laryngoscope</i> , 2019, 129, 244-255.	2.0	34
14	The Impact of Cognitive and Implicit Bias on Patient Safety and Quality. <i>Otolaryngologic Clinics of North America</i> , 2019, 52, 35-46.	1.1	34
15	Applying Cost Accounting to Operating Room Staffing in Otolaryngology. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 684-690.	1.9	30
16	International Pediatric Otolaryngology Group: Consensus guidelines on the diagnosis and management of type I laryngeal clefts. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 101, 51-56.	1.0	28
17	Heat shock protein 70 binds its own messenger ribonucleic acid as part of a gene expression self-limiting mechanism. <i>Cell Stress and Chaperones</i> , 2006, 11, 44.	2.9	27
18	The Lymphatic Malformation Function (LMF) Instrument. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 656-662.	1.9	25

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19	<scp>COVID</scp>â€19 pandemic and health care disparities in head and neck cancer: Scanning the horizon. <i>Head and Neck</i> , 2020, 42, 1555-1559.	2.0	24
20	Systemic Bevacizumab for Treatment of Respiratory Papillomatosis: International Consensus Statement. <i>Laryngoscope</i> , 2021, 131, E1941-E1949.	2.0	24
21	Interdisciplinary aerodigestive care model improves risk, cost, and efficiency. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 113, 119-123.	1.0	23
22	International Pediatric Otolaryngology Group (IPOG) consensus recommendations: Diagnosis, pre-operative, operative and post-operative pediatric choanal atresia care. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 123, 151-155.	1.0	23
23	Patient Safety/Quality Improvement Primer, Part II: Prevention of Harm Through Root Cause Analysis and Action (RCA ²). <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 911-921.	1.9	22
24	Fetoscopic Therapy for Severe Pulmonary Hypoplasia in Congenital Diaphragmatic Hernia: A First in Prenatal Regenerative Medicine at Mayo Clinic. <i>Mayo Clinic Proceedings</i> , 2018, 93, 693-700.	3.0	21
25	International Pediatric Otolaryngology Group (IPOG): Juvenile-onset recurrent respiratory papillomatosis consensus recommendations. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 128, 109697.	1.0	21
26	Sclerotherapy for Venous Malformations of Head and Neck: Systematic Review and Meta-Analysis. <i>Neurointervention</i> , 2020, 15, 4-17.	0.8	21
27	Transnasal flexible bronchoscopy in wheezing children: Diagnostic yield, impact on therapy, and prevalence of laryngeal cleft. <i>Pediatric Pulmonology</i> , 2018, 53, 310-315.	2.0	20
28	Management of Head and Neck Lymphatic Malformations. <i>Facial Plastic Surgery</i> , 2012, 28, 596-602.	0.9	19
29	Surgical Management of Posterior Glottic Diastasis in Children. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2015, 124, 72-78.	1.1	19
30	Three-dimensional printed models in multidisciplinary planning of complex tracheal reconstruction. <i>Laryngoscope</i> , 2017, 127, 967-970.	2.0	18
31	International Pediatric Otolaryngology Group (IPOG): Consensus recommendations on the prenatal and perinatal management of anticipated airway obstruction. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 138, 110281.	1.0	18
32	The Difficult Airway and Aerosol-Generating Procedures in COVID-19: Timeless Principles for Uncertain Times. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 934-937.	1.9	15
33	Outcomes and Resource Utilization of Endoscopic Mass Closure Technique for Laryngeal Clefts. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 119-123.	1.9	14
34	Revision thoracic slide tracheoplasty: Outcomes following unsuccessful tracheal reconstruction. <i>Laryngoscope</i> , 2018, 128, 2181-2186.	2.0	13
35	Effects of Social Determinants of Health Care on Pediatric Thyroid Cancer Outcomes in the United States. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 1045-1054.	1.9	13
36	Head and Neck Lymphatic Tumors and Bony Abnormalities: A Clinical and Molecular Review. <i>Lymphatic Research and Biology</i> , 2011, 9, 205-212.	1.1	12

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37	Medialization laryngoplasty/arytenoid adduction: U.S. outcomes, discharge status, and utilization trends. <i>Laryngoscope</i> , 2019, 129, 952-960.	2.0	12
38	Competency-Based Assessment Tool for Pediatric Tracheotomy: International Modified Delphi Consensus. <i>Laryngoscope</i> , 2020, 130, 2700-2707.	2.0	12
39	Oral Intubation Attempts in Patients With a Laryngectomy: A Significant Safety Threat. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 1040-1043.	1.9	12
40	Price Transparency and Compliance With Federal Regulation for Pediatric Tonsillectomy. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 167, 248-252.	1.9	12
41	Opioid Prescribing Patterns Following Pediatric Tonsillectomy in the United States, 2009-2017. <i>Laryngoscope</i> , 2021, 131, E1722-E1729.	2.0	11
42	Prognostic Value of a Simplified Anatomically Based Nomenclature for Fetal Nuchal Lymphatic Anomalies. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 342-347.	1.9	10
43	International Pediatric ORL Group (IPOG) Robin Sequence consensus recommendations. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 130, 109855.	1.0	10
44	Pediatric tracheostomy practice patterns. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 133, 109982.	1.0	10
45	Intraoperative Sentinel Events in the Era of Surgical Safety Checklists: Results of a National Survey. <i>OTO Open</i> , 2020, 4, 2473974X2097573.	1.4	9
46	International Pediatric Otolaryngology Group (IPOG) management recommendations: Pediatric tracheostomy decannulation. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 141, 110565.	1.0	9
47	Management of airway hemangiomas. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 455-462.	2.5	8
48	Identification of aggressive Gardner syndrome phenotype associated with a de novo <i>APC</i> variant, c.4666dup. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a003640.	1.2	8
49	Impact of COVID-19 on nationwide pediatric otolaryngology: Otitis media and myringotomy tube trends. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2022, 43, 103369.	1.3	8
50	Pediatric Exercise Stress Laryngoscopy following Laryngotracheoplasty: A Comparative Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 150, 1056-1061.	1.9	7
51	The nasogastric tube syndrome in infants. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 882-884.	1.0	7
52	Predicting CPAP Use and Treatment Outcomes Using Composite Indices of Sleep Apnea Severity. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 849-854.	2.6	7
53	National Multispecialty Survey Results: Comparing Morbidity and Mortality Conference Practices within and outside Otolaryngology. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 273-279.	1.9	7
54	Cost comparison and safety of emergency department conscious sedation for the removal of ear foreign bodies. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 110, 140-143.	1.0	7

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55	Impact of a Formal Patient Safety and Quality Improvement Curriculum: A Prospective, Controlled Trial. <i>Laryngoscope</i> , 2019, 129, 1100-1106.	2.0	7
56	Laryngeal and Tracheal Pressure Injuries in Patients With COVID-19. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 484.	2.2	7
57	Consensus on Triple Endoscopy Data Elements Preparatory to Development of an Aerodigestive Registry. <i>Laryngoscope</i> , 2022, 132, 2251-2258.	2.0	7
58	Moving Beyond Detection: Charting a Path to Eliminate Health Care Disparities in Otolaryngology. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 1013-1021.	1.9	7
59	Definitive airway management after prehospital supraglottic rescue airway in pediatric trauma. <i>Journal of Pediatric Surgery</i> , 2018, 53, 352-356.	1.6	6
60	The Relationship between Croup and Gastroesophageal Reflux: A Systematic Review and Meta-Analysis. <i>Laryngoscope</i> , 2021, 131, 209-217.	2.0	6
61	Sinonasal adenocarcinoma: Population-based analysis of demographic and socioeconomic disparities. <i>Head and Neck</i> , 2021, 43, 2946-2953.	2.0	6
62	Composite Severity Indices Reflect Sleep Apnea Disease Burden More Comprehensively Than the Apnea-Hypopnea Index. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 148, 324-330.	1.9	5
63	Education on, Exposure to, and Management of Vascular Anomalies During Otolaryngology Residency and Pediatric Otolaryngology Fellowship. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016, 142, 648.	2.2	5
64	International Pediatric Otolaryngology Group (IPOG) survey: Efforts to avoid complications in home tracheostomy care. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 141, 110563.	1.0	5
65	Outpatient healthcare use and outcomes after pediatric tracheostomy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 151, 110963.	1.0	5
66	Impact of COVID-19 on nationwide pediatric otolaryngology practice: Adenotonsillectomies (TA) and tonsil-related diagnoses trends. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2022, 43, 103526.	1.3	5
67	Coordinated approach to spinal and tracheal reconstruction in a patient with morquio syndrome. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 128, 109721.	1.0	4
68	International Pediatric Otolaryngology Group (IPOG) consensus recommendations: Management of suprastomal collapse in the pediatric population. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 139, 110427.	1.0	4
69	Postoperative dysphagia immediately following pediatric endoscopic laryngeal cleft repair. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 142, 110625.	1.0	4
70	Leveraging Quality Improvement and Patient Safety Initiatives to Enhance Value and Patient-Centered Care in Otolaryngology. <i>Current Otorhinolaryngology Reports</i> , 2018, 6, 231-238.	0.5	3
71	Competency-Based Assessment Tool for Pediatric Esophagoscopy: International Modified Delphi Consensus. <i>Laryngoscope</i> , 2021, 131, 1168-1174.	2.0	3
72	Temporary bronchial stenting for airway compression in the interstage palliation of functional single ventricle. <i>Annals of Pediatric Cardiology</i> , 2019, 12, 308.	0.5	3

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73	Disruptive Therapy Using a Nonsurgical Orthodontic Airway Plate for the Management of Neonatal Robin Sequence: 1-Year Follow-up. <i>Cleft Palate-Craniofacial Journal</i> , 2023, 60, 758-767.	0.9	3
74	Primary cervical leiomyoma: A rare cause of a posterior neck mass in a pediatric patient. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 104, 166-169.	1.0	2
75	Predictors of High Costs of Care among Otolaryngology Patients. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 271-277.	1.9	2
76	Opioid-Free Tonsillectomy With and Without Adenoidectomy: The Role of Regional Anesthesia in the "New Era" Anesthesia and Analgesia, 2021, 133, e7-e9.	2.2	2
77	Suprazygomatic maxillary (SZM) nerve blocks for perioperative pain control in pediatric tonsillectomy and adenoidectomy. <i>Journal of Clinical Anesthesia</i> , 2021, 71, 110240.	1.6	2
78	Neonatal Nasal Obstruction. <i>Current Otorhinolaryngology Reports</i> , 2021, 9, 389-398.	0.5	2
79	Indirect management of full-thickness tracheal erosion in a complex pediatric patient. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 107, 155-159.	1.0	1
80	Pediatric Laryngeal Anomalies. <i>Current Treatment Options in Pediatrics</i> , 2018, 4, 183-202.	0.6	1
81	Sequential Minimally Invasive Fetal Interventions for Two Life-Threatening Conditions: A Novel Approach. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 70-77.	1.4	1
82	Endotracheal metallic stent removal: A novel ABC (airway balloon collapse) technique. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 140, 110490.	1.0	1
83	Laryngeal and Tracheal Pressure Injuries in Patients With COVID-19"Reply. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 485.	2.2	1
84	Optimizing Value in Otolaryngology Through Patient Safety and Quality Improvements. <i>Current Otorhinolaryngology Reports</i> , 2018, 6, 216-222.	0.5	0
85	Airway Vascular Malformations. , 2018, , 205-212.		0
86	Tracheal Submucosal Lymphovenous Malformation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, e26-e27.	5.6	0
87	Inability to Mask Ventilate During Myringotomy Tube Replacement: A Case Report. <i>A&A Practice</i> , 2020, 14, 72-74.	0.4	0
88	Speech Pathology Utilization and Stroboscopy Before and After Adult Medialization Laryngoplasty. <i>Journal of Voice</i> , 2020, , .	1.5	0
89	Pediatric Bilateral Vocal Fold Paralysis. <i>Current Otorhinolaryngology Reports</i> , 2021, 9, 127-133.	0.5	0
90	Challenges and Opportunities for Evidence-Based Practice in Vascular Anomalies. , 2018, , 17-20.		0

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91	Laryngotracheal Reconstruction in a Patient With a Central Conducting Lymphatic Anomaly. <i>Laryngoscope</i> , 2021, 131, E1339-E1341.	2.0	0
92	Suprazygomatic infratemporal pterygopalatine fossa block with adjuvant low-dose dexmedetomidine for adenotonsillectomy. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 555.	1.6	0
93	Overcoming Vaccine Hesitancy Around Bell Palsy in Otolaryngology—Head and Neck Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022, 148, 198.	2.2	0