# Michael A Kohanski M

List of Publications by Year
in descending order



| 75 | 6,624 | 394286 | 110317 |
|---|---|---|---|
| papers | citations | 19 h-index | 64 g-index |

| 75 | 75 | 75 | 9134 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Targeted gene expression profiling of inverted papilloma and squamous cell carcinoma. International Forum of Allergy and Rhinology, 2022, 12, 200-209. | 1.5 | 8 |
| 2 | Comparison of highâ€flow CSF leak closure with nasoseptal flap following endoscopic endonasal approach in adult and pediatric populations. International Forum of Allergy and Rhinology, 2022, 12, 321-323. | 1.5 | 2 |
| 3 | Association between the HLAâ€DQA1 rs1391371 risk allele and chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2022, 12, 1075-1077. | 1.5 | 0 |
| 4 | 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 |
| 5 | Comparison of aspirin desensitization outcomes between men and women with AERD. International Forum of Allergy and Rhinology, 2022, 12, 872-875. | 1.5 | 2 |
| 6 | Steroid affected cytokines in aspirinâ€exacerbated respiratory disease. International Forum of Allergy and Rhinology, 2022, 12, 1232-1241. | 1.5 | 3 |
| 7 | Similarities between allergen sensitivity patterns of central compartment atopic disease and allergic rhinitis. International Forum of Allergy and Rhinology, 2022, 12, 1299-1302. | 1.5 | 5 |
| 8 | The Impact of Type II Diabetes Mellitus on Sinonasal Symptoms after Resection of Inverted Papilloma. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, . | 0.4 | 0 |
| 9 | Outcomes after Endoscopic Resection of Inverted Papilloma Based on Preoperative Lund-Mackay Score. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, . | 0.4 | 0 |
| 10 | Outcomes of endoscopic endonasal resection of pediatric craniopharyngiomas. International Forum of Allergy and Rhinology, 2022, 12, 1517-1526. | 1.5 | 4 |
| 11 | Novel intraoperative fast anatomic mapping as teaching adjunct in endoscopic sinus surgery. International Forum of Allergy and Rhinology, 2022, 12, 1575-1577. | 1.5 | 0 |
| 12 | Surgical Treatment of Sinonasal Mucosal Melanoma in Patients Treated with Systemic Immunotherapy. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, e148-e154. | 0.4 | 3 |
| 13 | Major complications of aspirin desensitization and maintenance therapy in aspirinâ€exacerbated respiratory disease. International Forum of Allergy and Rhinology, 2021, 11, 115-119. | 1.5 | 13 |
| 14 | Impact of novel CFTR modulator on sinonasal quality of life in adult patients with cystic fibrosis. International Forum of Allergy and Rhinology, 2021, 11, 201-203. | 1.5 | 15 |
| 15 | 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 |
| 16 | Direct Tumoral Puncture Onyx Embolization for a Juvenile Nasopharyngeal Angiofibroma in a Hybrid Neurointerventional Suite. World Neurosurgery, 2021, 147, 7. | 0.7 | 2 |
| 17 | Divergent bitter and sweet taste perception intensity in chronic rhinosinusitis patients. International Forum of Allergy and Rhinology, 2021, 11, 857-865. | 1.5 | 13 |
| 18 | Denatonium benzoate bitter taste perception in chronic rhinosinusitis subgroups. International Forum of Allergy and Rhinology, 2021, 11, 967-975. | 1.5 | 9 |

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|---|---|---|---|
| 19 | <scp>Drivers</scp> of <scp>Inâ€Hospital</scp> Costs Following Endoscopic Transphenoidal Pituitary Surgery. Laryngoscope, 2021, 131, 760-764. | 1.1 | 15 |
| 20 | Clinically relevant mutations in core metabolic genes confer antibiotic resistance. Science, 2021, 371, . | 6.0 | 187 |
| 21 | 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 |
| 22 | Determinants of Patient Refusal of Postoperative Radiation Therapy in Sinonasal Squamous Cell Carcinoma. , 2021, 82, . | | 0 |
| 23 | Effectiveness of endoscopic sinus surgery and aspirin therapy in the management of aspirin-exacerbated respiratory disease. Allergy and Asthma Proceedings, 2021, 42, 136-141. | 1.0 | 9 |
| 24 | Treatment Outcomes in Aspirin-Exacerbated Respiratory Disease Based on the 12-Item Short Form Survey. American Journal of Rhinology and Allergy, 2021, 35, 194589242110016. | 1.0 | 3 |
| 25 | SARS-CoV-2 induces double-stranded RNA-mediated innate immune responses in respiratory epithelial-derived cells and cardiomyocytes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 159 |
| 26 | PAR-2-activated secretion by airway gland serous cells: role for CFTR and inhibition byPseudomonas aeruginosa. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L845-L879. | 1.3 | 6 |
| 27 | 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 |
| 28 | Multidisciplinary single-center outcomes compared to two-center outcomes for the treatment of aspirin exacerbated respiratory disease. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2498-2500. | 2.0 | 3 |
| 29 | Epithelial dysregulation in chronic rhinosinusitis with nasal polyposis (CRSwNP) and aspirin-exacerbated respiratory disease (AERD). Journal of Allergy and Clinical Immunology, 2021, 148, 1161-1164. | 1.5 | 3 |
| 30 | Pre-intervention SNOT-22 scores predict outcomes in aspirin exacerbated respiratory disease. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2021, 42, 103025. | 0.6 | 2 |
| 31 | Bitter taste receptor agonists regulate epithelial two-pore potassium channels via cAMP signaling. Respiratory Research, 2021, 22, 31. | 1.4 | 6 |
| 32 | A Population-Level Analysis of Pituitary Carcinoma from the National Cancer Database. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 180-186. | 0.4 | 6 |
| 33 | 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 |
| 34 | Disorders Involving a Persistent Craniopharyngeal Canal: A Case Series. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 562-566. | 0.4 | 1 |
| 35 | Chronic rhinosinusitis precipitated by tumor necrosis factor alpha inhibitors is the phenotype of chronic rhinosinusitis without nasal polyps. International Forum of Allergy and Rhinology, 2020, 10, 23-28. | 1.5 | 6 |
| 36 | Cellular context of IL-33 expression dictates impact on anti-helminth immunity. Science Immunology, 2020, 5, . | 5.6 | 73 |

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|---|---|---|---|
| 37 | Age as a factor in treatment of aspirinâ€exacerbated respiratory disease: relationship to required aspirin maintenance dose after desensitization. International Forum of Allergy and Rhinology, 2020, 10, 1180-1181. | 1.5 | 3 |
| 38 | The impact of endoscopic sinus surgery and aspirin desensitization on psychological burden in aspirinâ€exacerbated respiratory disease. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2020, 6, 214-219. | 0.7 | 3 |
| 39 | Extraprimary Local Recurrence of Esthesioneuroblastoma: Case Series and Literature Review. World Neurosurgery, 2020, 144, e546-e552. | 0.7 | 3 |
| 40 | Complete endoscopic sinus surgery followed by aspirin desensitization is associated with decreased overall corticosteroid use. International Forum of Allergy and Rhinology, 2020, 10, 1043-1048. | 1.5 | 12 |
| 41 | <scp>Penn</scp> Medicine Head and Neck Cancer Service Line <scp>COVID</scp>â€19 management guidelines. Head and Neck, 2020, 42, 1507-1515. | 0.9 | 9 |
| 42 | Review of indoor aerosol generation, transport, and control in the context of COVIDâ€19. International Forum of Allergy and Rhinology, 2020, 10, 1173-1179. | 1.5 | 126 |
| 43 | Inverted papilloma is associated with greater radiographic inflammatory disease than other sinonasal malignancy. International Forum of Allergy and Rhinology, 2020, 10, 278-281. | 1.5 | 6 |
| 44 | Incidence, risk factors, and outcomes of endoscopic sinus surgery after endoscopic skullâ€base surgery. International Forum of Allergy and Rhinology, 2020, 10, 521-525. | 1.5 | 2 |
| 45 | Neuropeptide regulation of secretion and inflammation in human airway gland serous cells. European Respiratory Journal, 2020, 55, 1901386. | 3.1 | 21 |
| 46 | In vitro safety of ketotifen as a topical nasal rinse. International Forum of Allergy and Rhinology, 2020, 10, 265-270. | 1.5 | 3 |
| 47 | Aerosol or droplet: critical definitions in the COVIDâ€19 era. International Forum of Allergy and Rhinology, 2020, 10, 968-969. | 1.5 | 28 |
| 48 | Sinonasal mucoepidermoid carcinoma: a review of the National Cancer Database. International Forum of Allergy and Rhinology, 2019, 9, 1046-1053. | 1.5 | 10 |
| 49 | Clinical Implications of Carcinoma In Situ in Sinonasal Inverted Papilloma. Otolaryngology - Head and Neck Surgery, 2019, 161, 1036-1042. | 1.1 | 10 |
| 50 | Inverted papilloma with multifocal attachment is associated with increased recurrence. International Forum of Allergy and Rhinology, 2019, 9, 865-869. | 1.5 | 15 |
| 51 | Preventing Restenosis of Marsupialized Rathke Cleft Cysts Using a Nasoseptal Flap Lining. Laryngoscope, 2019, 129, 2258-2261. | 1.1 | 12 |
| 52 | Fungal extracts stimulate solitary chemosensory cell expansion in noninvasive fungal rhinosinusitis. International Forum of Allergy and Rhinology, 2019, 9, 730-737. | 1.5 | 29 |
| 53 | Asymptomatic radiographic sinonasal inflammation does not affect pituitary surgery outcomes. Laryngoscope, 2019, 129, 1545-1548. | 1.1 | 7 |
| 54 | Indications and endonasal treatment of petrous apex cholesterol granulomas. Current Opinion in Otolaryngology and Head and Neck Surgery, 2019, 27, 54-58. | 0.8 | 12 |

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|---|---|---|---|
| 55 | Sentinels at the wall: epithelialâ€derived cytokines serve as triggers of upper airway type 2 inflammation. International Forum of Allergy and Rhinology, 2019, 9, 93-99. | 1.5 | 35 |
| 56 | 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 |
| 57 | Lack of Sphenoid Pneumatization Does Not Affect Endoscopic Endonasal Pediatric Skull Base Surgery Outcomes. Laryngoscope, 2019, 129, 832-836. | 1.1 | 38 |
| 58 | 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 |
| 59 | Evolution in the surgical management of chronic rhinosinusitis: Current indications and pitfalls. Journal of Allergy and Clinical Immunology, 2018, 141, 1561-1569. | 1.5 | 14 |
| 60 | 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 |
| 61 | Biomarkers in Chronic Rhinosinusitis with Nasal Polyps. Immunology and Allergy Clinics of North America, 2018, 38, 679-692. | 0.7 | 63 |
| 62 | Solitary chemosensory cells are a primary epithelial source of IL-25 in patients with chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 142, 460-469.e7. | 1.5 | 123 |
| 63 | Taste Receptor Polymorphisms and Immune Response: A Review of Receptor Genotypic-Phenotypic Variations and Their Relevance to Chronic Rhinosinusitis. Frontiers in Cellular and Infection Microbiology, 2018, 8, 64. | 1.8 | 15 |
| 64 | The Role of Quinine-Responsive Taste Receptor Family 2 in Airway Immune Defense and Chronic Rhinosinusitis. Frontiers in Immunology, 2018, 9, 624. | 2.2 | 35 |
| 65 | Solitary chemosensory cells producing interleukinâ€25 and groupâ€2 innate lymphoid cells are enriched in chronic rhinosinusitis with nasal polyps. International Forum of Allergy and Rhinology, 2018, 8, 900-906. | 1.5 | 47 |
| 66 | Indocyanine Green Endoscopic Video Angiography to Assess Nasoseptal Flap Vascular Perfusion in Skull Base Reconstruction. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188. | 0.4 | 0 |
| 67 | Relative susceptibility of airway organisms to antimicrobial effects of nitric oxide. International Forum of Allergy and Rhinology, 2017, 7, 770-776. | 1.5 | 37 |
| 68 | Effects of ophthalmologic solutions on sinonasal ciliated epithelium. International Forum of Allergy and Rhinology, 2017, 7, 801-808. | 1.5 | 4 |
| 69 | How antibiotics kill bacteria: from targets to networks. Nature Reviews Microbiology, 2010, 8, 423-435. | 13.6 | 1,648 |
| 70 | Sublethal Antibiotic Treatment Leads to Multidrug Resistance via Radical-Induced Mutagenesis. Molecular Cell, 2010, 37, 311-320. | 4.5 | 793 |
| 71 | Rewiring Bacteria, Two Components at a Time. Cell, 2008, 133, 947-948. | 13.5 | 16 |
| 72 | Mistranslation of Membrane Proteins and Two-Component System Activation Trigger Antibiotic-Mediated Cell Death. Cell, 2008, 135, 679-690. | 13.5 | 459 |

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|---|---|---|---|
| 73 | A Common Mechanism of Cellular Death Induced by Bactericidal Antibiotics. Cell, 2007, 130, 797-810. | 13.5 | 2,334 |
| 74 | Prognosis of Distant Metastatic Sites in Anterior Skull Base Malignancies. Journal of Neurological Surgery, Part B: Skull Base, 0, , . | 0.4 | 0 |
| 75 | In-Hospital Costs Associated With an Expanded Endonasal Approach to Anterior Skull Base Tumors. Annals of Otology, Rhinology and Laryngology, 0, , 000348942110675. | 0.6 | 0 |