

Matthew A Shew

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

863
citations

567281

15
h-index

526287

27
g-index

54
all docs

54
docs citations

54
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning to predict occult nodal metastasis in early oral squamous cell carcinoma. <i>Oral Oncology</i> , 2019, 92, 20-25.	1.5	96
2	Artificial Intelligence for the Otolaryngologist: A State of the Art Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 603-611.	1.9	92
3	A murine model of neurofibromatosis type 2 that accurately phenocopies human schwannoma formation. <i>Human Molecular Genetics</i> , 2015, 24, 1-8.	2.9	76
4	Development and Assessment of a Machine Learning Model to Help Predict Survival Among Patients With Oral Squamous Cell Carcinoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 1115.	2.2	69
5	Epidemiology of Dizzy Patient Population in a Neurotology Clinic and Predictors of Peripheral Etiology. <i>Otology and Neurotology</i> , 2017, 38, 870-875.	1.3	52
6	Magnetic resonance imaging with cochlear implants and auditory brainstem implants: Are we truly practicing MRI safety?. <i>Laryngoscope</i> , 2019, 129, 482-489.	2.0	47
7	Normal hematopoiesis and neurofibromin-deficient myeloproliferative disease require Erk. <i>Journal of Clinical Investigation</i> , 2013, 123, 329-334.	8.2	41
8	A Pak1-PP2A-ERM signaling axis mediates F-actin rearrangement and degranulation in mast cells. <i>Experimental Hematology</i> , 2013, 41, 56-66.e2.	0.4	37
9	Feasibility of microRNA profiling in human inner ear perilymph. <i>NeuroReport</i> , 2018, 29, 894-901.	1.2	33
10	Cochlear Implant Outcomes Following Vestibular Schwannoma Resection: Systematic Review. <i>Otology and Neurotology</i> , 2020, 41, 1190-1197.	1.3	29
11	Machine Learning to Predict Delays in Adjuvant Radiation following Surgery for Head and Neck Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 1058-1064.	1.9	27
12	Using Machine Learning to Predict Sensorineural Hearing Loss Based on Perilymph Micro RNA Expression Profile. <i>Scientific Reports</i> , 2019, 9, 3393.	3.3	26
13	Surgical Treatment of Orbital Blowout Fractures: Complications and Postoperative Care Patterns. <i>Craniofacial Trauma & Reconstruction</i> , 2016, 9, 299-304.	1.3	19
14	Incidence and Risk Factors for Sigmoid Venous Thrombosis Following CPA Tumor Resection. <i>Otology and Neurotology</i> , 2018, 39, e376-e380.	1.3	19
15	Flap Basics II. <i>Facial Plastic Surgery Clinics of North America</i> , 2017, 25, 323-335.	1.5	17
16	Postoperative Opioid Use and Pain Management Following Otologic and Neurotologic Surgery. <i>Annals of Otology, Rhinology and Laryngology</i> , 2020, 129, 175-180.	1.1	16
17	MicroRNA Profiling as a Methodology to Diagnose MÄ©niÄ™reÄ™s Disease: Potential Application of Machine Learning. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 399-406.	1.9	11
18	Impact of Resident Participation on Operative Time and Outcomes in Otologic Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 151-154.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Occupational exposure of oropharyngeal human papillomavirus amongst otolaryngologists. <i>Laryngoscope</i> , 2020, 130, 2366-2371.	2.0	10
20	Distinct MicroRNA Profiles in the Perilymph and Serum of Patients With Meni�re's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 646928.	2.4	10
21	Ciliary neurotrophic factor (CNTF) promotes skeletal muscle progenitor cell (MPC) viability via the phosphatidylinositol 3-kinase-Akt pathway. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 963-968.	2.7	9
22	Magnetic Resonance Imaging in a Neurofibromatosis Type 2 Patient with a Novel MRI-Compatible Auditory Brainstem Implant. <i>Journal of Neurological Surgery Reports</i> , 2017, 78, e12-e14.	0.6	8
23	Utility of Perilymph microRNA Sampling for Identification of Active Gene Expression Pathways in Otosclerosis. <i>Otology and Neurotology</i> , 2019, 40, 710-719.	1.3	8
24	Endoscopically Assisted Drilling, Exposure of the Fundus through a Presigmoid Retrolabyrinthine Approach: A Cadaveric Feasibility Study. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 155-157.	1.9	7
25	Tinnitus perception in patients after vagal nerve stimulator implantation for epilepsy. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2018, 39, 599-602.	1.3	7
26	Otolaryngologists and their role in vaccination for prevention of HPV associated head & neck cancer. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1929-1934.	3.3	7
27	The Size of Internal Auditory Canal Diverticula Is Unrelated to Degree of Hearing Loss. <i>Laryngoscope</i> , 2020, 130, 1011-1015.	2.0	7
28	Predicting salvage laryngectomy in patients treated with primary nonsurgical therapy for laryngeal squamous cell carcinoma using machine learning. <i>Head and Neck</i> , 2020, 42, 2330-2339.	2.0	7
29	Therapeutic Mastoidectomy Does Not Increase Postoperative Complications in the Management of the Chronic Ear. <i>Otology and Neurotology</i> , 2018, 39, 54-58.	1.3	6
30	Petrous Apex Pneumatization: Influence on Postoperative Cerebellopontine Angle Tumor Cerebrospinal Fluid Fistula. <i>Annals of Otology, Rhinology and Laryngology</i> , 2018, 127, 604-607.	1.1	6
31	Evaluating Neurotrophin Signaling Using MicroRNA Perilymph Profiling in Cochlear Implant Patients With and Without Residual Hearing. <i>Otology and Neurotology</i> , 2021, Publish Ahead of Print, e1125-e1133.	1.3	6
32	Intraoperative Cochlear Nerve Monitoring for Vestibular Schwannoma Resection and Simultaneous Cochlear Implantation in Neurofibromatosis Type 2: A Case Series. <i>Operative Neurosurgery</i> , 2021, 21, 324-331.	0.8	6
33	Delayed Multifocal Tracheal Injury Following Thyroidectomy: A Case Report and Review of the Literature. <i>Cureus</i> , 2020, 12, e8164.	0.5	6
34	Prevalence, Surgical Management, and Audiologic Impact of Sigmoid Sinus Dehiscence Causing Pulsatile Tinnitus. <i>Otology and Neurotology</i> , 2021, 42, 82-91.	1.3	6
35	Migrated esophageal foreign body presents as acute onset dysphagia years later: A case report. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 2460-2462.	1.0	5
36	Obesity Does Not Increase Operative Time in Otologic Surgery: An Analysis of 5125 Cases. <i>Otology and Neurotology</i> , 2018, 39, e103-e107.	1.3	5

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37	A rapid, novel model of culturing cranial nerve X-derived motoneurons for screening trophic factor outgrowth response. <i>Neurological Research</i> , 2012, 34, 564-575.	1.3	4
38	Langerhan's Cell Histiocytosis in an Immunosuppressed Patient Isolated to the Temporal Bone. <i>Otology and Neurotology</i> , 2016, 37, e194-e196.	1.3	4
39	Outcomes after mini-craniotomy middle fossa approach combined with mastoidectomy for lateral skull base defects. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102794.	1.3	3
40	Middle Ear Aural Polyp Mimicking Glomus Tympanicum in a Male Adolescent. <i>Otology and Neurotology</i> , 2017, 38, e211-e213.	1.3	2
41	Hearing Preservation After Cochlear Reimplantation Using Electrocochleography: A Case Report. <i>Laryngoscope</i> , 2021, 131, 2348-2351.	2.0	2
42	Using Machine Learning to Predict Sensorineural Hearing Loss. <i>Hearing Journal</i> , 2019, 72, 8.	0.1	1
43	For Whom Do Cochlear Implants Work Best?. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 603.	2.2	1
44	Machine Learning to Predict Treatment in Oropharyngeal Squamous Cell Carcinoma. <i>Orl</i> , 2022, 84, 39-46.	1.1	1
45	A Case of Mesial Temporal Lobe Sclerosis Following Temporal Bone Encephalocele Repair for Medically Refractory Seizures. <i>Cureus</i> , 2018, 10, e3623.	0.5	1
46	MicroRNA Profiling in the Perilymph of Cochlear Implant Patients: Identifying Markers that Correlate to Audiological Outcomes. <i>Journal of the American Academy of Audiology</i> , 2021, 32, 627-635.	0.7	1
47	Juxtafacial Lipoma within the Mastoid Bone. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 1068-1069.	1.9	0
48	Temporal Bone Histopathology Case of the Month: Basal Cell Carcinoma of the Middle Ear Following Chemoradiation to the Head and Neck. <i>Otology and Neurotology</i> , 2019, 40, e665-e667.	1.3	0
49	The Utility of Diffusion-weighted Imaging Sequences to Differentiate Aggressive From Benign Intracranial Neoplasms. <i>Otology and Neurotology</i> , 2020, 41, e1069-e1071.	1.3	0
50	Real-Time Intraoperative Cochlear Nerve Monitoring and Cochlear Implantation during Translabyrinthine Vestibular Schwannoma Resection in Cases of Neurofibromatosis Type 2. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, .	0.8	0
51	Normal Hematopoiesis and Neurofibromin-Deficient Myeloproliferative Disease Require <i>Erk</i> . <i>Blood</i> , 2012, 120, 704-704.	1.4	0
52	MRI Imaging in an NF2 Patient with a Novel MRI Compatible Auditory Brain Stem Implant. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
53	Endoscopy-Assisted Drilling and Exposure of the Entire Length of the Internal Auditory Canal through a Presigmoid Retrolabyrinthine Approach: A Cadaveric Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0