Michael Gaihede

List of Publications by Year
in descending order

71 papers	1,983 citations	304743 22 h-index	265206 42 g-index
72 all docs	72 docs citations	72 times ranked	2203 citing authors

#	Article	IF	Citations
1	Validation of a Patient-Graded Instrument for Facial Nerve Paralysis: The FaCE Scale. Laryngoscope, 2001, 111, 387-398.	2.0	285
2	Preservation of Hearing and Facial Nerve Function in Resection of Acoustic Neuroma. Laryngoscope, 1992, 102, 1153-1158.	2.0	150
3	The endoplasmic reticulum P5A-ATPase is a transmembrane helix dislocase. Science, 2020, 369, .	12.6	104
4	Diffuse Large B-Cell Lymphoma Classification System That Associates Normal B-Cell Subset Phenotypes With Prognosis. Journal of Clinical Oncology, 2015, 33, 1379-1388.	1.6	94
5	Revision Stapedectomy: Intraoperative Findings, Results, and Review of the Literature. Laryngoscope, 1997, 107, 1185-1192.	2.0	75
6	Otosclerosis. Otolaryngologic Clinics of North America, 2018, 51, 291-303.	1.1	71
7	Design, fabrication, and inÂvitro testing of novel three-dimensionally printed tympanic membrane grafts. Hearing Research, 2016, 340, 191-203.	2.0	68
8	Efficacy of Tympanomastoid Surgery for Control of Infection in Active Chronic Otitis Media. Laryngoscope, 1997, 107, 872-877.	2.0	61
9	Expression of Angiogenic Growth Factors in Paragangliomas. Laryngoscope, 2000, 110, 161-167.	2.0	55
10	Mechanism for recycling tRNAs on stalled ribosomes. Nature Structural and Molecular Biology, 2019, 26, 343-349.	8.2	54
11	Early temporalis muscle transposition for the management of facial paralysis. Laryngoscope, 1995, 105, 993-1000.	2.0	52
12	Ultrastructural and Immunohistochemical Evidence of Measles Virus in Active Otosclerosis. Acta Oto-Laryngologica, 1990, 109, 130-140.	0.9	50
13	Middle Ear Pressure Regulation-Complementary Active Actions of the Mastoid and the Eustachian Tube. Otology and Neurotology, 2010, 31, 603-611.	1.3	49
14	Measles, Mumps, and Sensorineural Hearing Loss. Annals of the New York Academy of Sciences, 1997, 830, 291-298.	3.8	43
15	Development and functional demonstration of a wireless intraoral inductive tongue computer interface for severely disabled persons. Disability and Rehabilitation: Assistive Technology, 2017, 12, 631-640.	2.2	40
16	â¿¿Comparing the proteome of snap frozen, RNAlater preserved, and formalin-fixed paraffin-embedded human tissue samples. EuPA Open Proteomics, 2016, 10, 9-18.	2.5	39
17	Wireless intraoral tongue control of an assistive robotic arm for individuals with tetraplegia. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 110.	4.6	39
18	Association of Otosclerosis With Sp1 Binding Site Polymorphism in COL1A1 Gene: Evidence for a Shared Genetic Etiology With Osteoporosis. Otology and Neurotology, 2004, 25, 447-450.	1.3	37

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19	Error-Free Text Typing Performance of an Inductive Intra-Oral Tongue Computer Interface for Severely Disabled Individuals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2094-2104.	4.9	35
20	Mastoid obliteration and lining using the temporoparietal fascial flap. Laryngoscope, 1995, 105, 1010-1013.	2.0	29
21	Similar COL1A1 Expression in Fibroblasts from Some Patients with Clinical Otosclerosis and Those with Type I Osteogenesis Imperfecta. Annals of Otology, Rhinology and Laryngology, 2002, 111, 184-189.	1.1	28
22	In vivoareal modulus of elasticity estimation of the human tympanic membrane system: modelling of middle ear mechanical function in normal young and aged ears. Physics in Medicine and Biology, 2007, 52, 803-814.	3.0	27
23	Familial Superior Canal Dehiscence Syndrome. JAMA Otolaryngology - Head and Neck Surgery, 2014, 140, 363.	2.2	24
24	Determination of the mastoid surface area and volume based on micro-CT scanning of human temporal bones. Geometrical parameters depend on scanning resolutions. Hearing Research, 2016, 340, 127-134.	2.0	23
25	Proteome stability analysis of snap frozen, RNAlater preserved, and formalin-fixed paraffin-embedded human colon mucosal biopsies. Data in Brief, 2016, 6, 942-947.	1.0	22
26	Prediction of successful hearing aid treatment in first-time and experienced hearing aid users: Using the International Outcome Inventory for Hearing Aids. International Journal of Audiology, 2022, 61, 119-129.	1.7	22
27	Pretreatment Growth Rate Predicts Radiation Response inÂVestibular Schwannomas. International Journal of Radiation Oncology Biology Physics, 2014, 89, 113-119.	0.8	20
28	Tympanometric Hysteresis Effect and Errors in Middle Ear Pressure Determination - a Preliminary Study in Children with Secretory Otitis Media. Acta Oto-Laryngologica, 2000, 120, 58-60.	0.9	19
29	Clinical evaluation of wireless inductive tongue computer interface for control of computers and assistive devices. , 2010, 2010, 3365-8.		19
30	Pressure buffering by the tympanic membrane. InÂvivo measurements of middle ear pressure fluctuations during elevator motion. Hearing Research, 2016, 340, 113-120.	2.0	19
31	Cigarette Smoking, Smoking Cessation, and Risk of Hearing Loss in Women. American Journal of Medicine, 2020, 133, 1180-1186.	1.5	19
32	Sequelae of Secretory Otitis Media: Changes in Middle Ear Biomechanics. Acta Oto-Laryngologica, 1997, 117, 382-389.	0.9	17
33	Aneurysmal Expansion Presenting as Facial Weakness: Case Report and Review of the Literature. Neurosurgery, 2005, 56, E202-E205.	1.1	17
34	Eustachian tube pressure equilibration. Temporal analysis of pressure changes based on direct physiological recordings with an intact tympanic membrane. Hearing Research, 2013, 301, 53-59.	2.0	17
35	Middle ear volume and pressure effects on tympanometric middle ear pressure determination: model experiments with special reference to secretory otitis media. Auris Nasus Larynx, 2000, 27, 231-239.	1.2	14
36	Molecular Biology of Otosclerosis. , 2007, 65, 68-74.		14

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37	Micro-channels in the mastoid anatomy. Indications of a separate blood supply of the air cell system mucosa by micro-CT scanning. Hearing Research, 2013, 301, 60-65.	2.0	14
38	Medical tongue piercing â€“ development and evaluation of a surgical protocol and the perception of procedural discomfort of the participants. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 44.	4.6	14
39	Is the cause of sensorineural hearing loss in patients with facial schwannomas multifactorial?. Laryngoscope, 2017, 127, 1676-1682.	2.0	14
40	Biomechanical Characteristics of the Middle Ear System Measured by a New Method: III: Comparisons with Tympanometric Measurements. Acta Oto-Laryngologica, 1995, 115, 522-527.	0.9	13
41	Accuracy of Tympanometric Middle Ear Pressure Determination: The Role of Direction and Rate of Pressure Change with a Fast, Modern Tympanometer. Otology and Neurotology, 2005, 26, 252-256.	1.3	13
42	Accuracy of Tympanometric Middle Ear Pressure Determination in Secretory Otitis Media: Dose-Dependent Overestimation Related to the Viscosity and Amount of Middle Ear Fluid. Otology and Neurotology, 2005, 26, 5-11.	1.3	13
43	Ribonucleases May Limit Recovery of Ribonucleic Acids From Archival Human Temporal Bones. Laryngoscope, 1997, 107, 1228-1234.	2.0	11
44	Positional changes and stabilization of middle ear pressure. Auris Nasus Larynx, 1998, 25, 255-259.	1.2	11
45	Eyes-Free Tongue Gesture and Tongue Joystick Control of a Five DOF Upper-Limb Exoskeleton for Severely Disabled Individuals. Frontiers in Neuroscience, 2021, 15, 739279.	2.8	11
46	Congestion of mastoid mucosa and influence on middle ear pressure â€“ Effect of retroauricular injection of adrenaline. Hearing Research, 2016, 340, 121-126.	2.0	9
47	On the functional compartmentalization of the normal middle ear. Morpho-histological modelling parameters of its mucosa. Hearing Research, 2019, 378, 176-184.	2.0	9
48	Proton therapy for head and neck paragangliomas: A single institutional experience. Head and Neck, 2020, 42, 670-677.	2.0	9
49	Outcome and Toxicity of Proton Therapy for Vestibular Schwannoma: A Cohort Study. Otology and Neurotology, 2021, 42, 1560-1571.	1.3	8
50	DNA methylation biomarkers in peripheral blood of patients with head and neck squamous cell carcinomas. A systematic review. PLoS ONE, 2020, 15, e0244101.	2.5	8
51	The effect of N-acetylcysteine on the in vitro growth of normal rabbit middle ear fibroblasts. Clinical Otolaryngology, 1993, 18, 400-405.	1.2	7
52	Deoxyribonucleic Acid Contamination in Archival Human Temporal Bones: A Potentially Significant Problem. Otology and Neurotology, 2002, 23, 789-792.	1.3	7
53	The Biomechanical Characteristics of the Middle Ear System Measured by a New Method I: Instrumentation. Acta Oto-Laryngologica, 1995, 115, 408-413.	0.9	6
54	The Biomechanical Characteristics of the Middle Ear System Measured by a New Method II: Clinical application and normal material. Acta Oto-Laryngologica, 1995, 115, 414-421.	0.9	6

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55	Ocular albinism with infertility and lateâ€onset sensorineural hearing loss. American Journal of Medical Genetics, Part A, 2018, 176, 1587-1593.	1.2	6
56	Location of Small Intracanalicular Vestibular Schwannomas Based on Magnetic Resonance Imaging. Otolaryngology - Head and Neck Surgery, 2020, 162, 211-214.	1.9	6
57	Fractionated Proton Radiation Therapy and Hearing Preservation for Vestibular Schwannoma: Preliminary Analysis of a Prospective Phase 2 Clinical Trial. Neurosurgery, 2022, 90, 506-514.	1.1	6
58	Agreement Between Two Tympanometers: A Methodological Study of Instrument Comparison. Scandinavian Audiology, 1998, 27, 113-119.	0.5	5
59	Controlling a Drone by the Tongue â€“ A Pilot Study on Drone Based Facilitation of Social Activities and Sports for People with Complete Tetraplegia. Biosystems and Biorobotics, 2019, , 523-527.	0.3	5
60	The influence of endotoxin upon middle ear fibroblasts cultured in normal middle ear gas and atmospheric air. Apmis, 1994, 102, 743-752.	2.0	4
61	Postnatal expression and possible function of RANK and RANKL in the murine inner ear. Bone, 2021, 145, 115837.	2.9	4
62	Wheelchair Control With Inductive Intra-Oral Tongue Interface for Individuals With Tetraplegia. IEEE Sensors Journal, 2021, 21, 22878-22890.	4.7	4
63	Characterization of memory B cells from thymus and its impact for DLBCL classification. Experimental Hematology, 2016, 44, 982-990.e11.	0.4	3
64	DIRECT MEASUREMENTS AND MONITORING OF MIDDLE EAR PRESSURE. , 2007, , .		2
65	The role of the mastoid in middle ear pressure regulation. Journal of Laryngology and Otology, 2016, 130, S60-S60.	0.8	1
66	Tympanometric hysteresis effect and errors in middle ear pressure determination--a preliminary study in children with secretory otitis media. Acta Oto-laryngologica Supplementum, 2000, 543, 58-60.	0.1	1
67	Preconditioning the Tympanic Membrane: Identification of Cholesteatoma Prone Ears?. Acta Oto-Laryngologica, 1997, 117, 40-42.	0.9	0
68	Rationale for obliteration of the mastoid cavity. Journal of Laryngology and Otology, 2016, 130, S130-S130.	0.8	0
69	Enhancement of micro-channels within the human mastoid bone based on local structure tensor analysis. , 2016, , .		0
70	Surface and curve skeleton from a structure tensor analysis applied on mastoid air cells in human temporal bones. , 2017, , .		0
71	In Vitro Investigation of the Dependency Between Abutment Length and Implant Stability Quotient (ISQ) for Stability Measurements on Bone Anchored Hearing Implant Systems. Otology and Neurotology, 2020, 41, 848-854.	1.3	0