

# Demin Han

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

721  
citations

16  
h-index

24  
g-index

63  
ext. papers

932  
ext. citations

3.1  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
61	Using clinical data to predict obstructive sleep apnea.. <i>Journal of Thoracic Disease</i> , <b>2022</b> , 14, 227-237	2.6	0
60	Detecting obstructive sleep apnea by craniofacial image-based deep learning.. <i>Sleep and Breathing</i> , <b>2022</b> , 1	3.1	
59	Evaluation of the clinical efficacy of nasal surgery in the treatment of obstructive sleep apnoea. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2022</b> , 43, 103158	2.8	0
58	Differential expression profile of plasma exosomal microRNAs in chronic rhinosinusitis with nasal polyps.. <i>Experimental Biology and Medicine</i> , <b>2022</b> , 15353702221090184	3.7	0
57	Impact of Varying Types of Nasal Septal Deviation on Nasal Airflow Pattern and Warming Function: A Computational Fluid Dynamics Analysis. <i>Ear, Nose and Throat Journal</i> , <b>2021</b> , 100, NP283-NP289	1	2
56	Automatic Sleep Stage Classification of Children with Sleep-Disordered Breathing Using the Modularized Network. <i>Nature and Science of Sleep</i> , <b>2021</b> , 13, 2101-2112	3.6	0
55	Head and Neck Malignant Paragangliomas: Experience from a Single Institution. <i>Ear, Nose and Throat Journal</i> , <b>2021</b> , 1455613211052338	1	
54	A model for obstructive sleep apnea detection using a multi-layer feed-forward neural network based on electrocardiogram, pulse oxygen saturation, and body mass index. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 2065-2072	3.1	1
53	The values of (1,3)-D-glucan and galactomannan in cases of invasive fungal rhinosinusitis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2021</b> , 42, 102871	2.8	1
52	Aerodynamics Analysis of the Impact of Nasal Surgery on Patients with Obstructive Sleep Apnea and Nasal Obstruction. <i>Orl</i> , <b>2021</b> , 1-8	2	2
51	Intercarotid artery distance in the pediatric population: Implications for endoscopic transsphenoidal approaches to the skull base. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2021</b> , 140, 110520	1.7	1
50	Severity evaluation of obstructive sleep apnea based on speech features. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 787-795	3.1	2
49	The predictive value of photogrammetry for obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 193-202	3.1	0
48	Real-time prediction of upcoming respiratory events via machine learning using snoring sound signal. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 1777-1784	3.1	1
47	Diagnostic accuracy of level IV portable sleep monitors versus polysomnography for pediatric obstructive sleep apnea: a systematic review and meta-analysis. <i>Sleep Medicine</i> , <b>2021</b> , 87, 127-137	4.6	2
46	Impact of a Concha Bullosa on Nasal Airflow Characteristics in the Setting of Nasal Septal Deviation: A Computational Fluid Dynamics Analysis. <i>American Journal of Rhinology and Allergy</i> , <b>2020</b> , 34, 456-462	2.4	6
45	Automated multi-model deep neural network for sleep stage scoring with unfiltered clinical data. <i>Sleep and Breathing</i> , <b>2020</b> , 24, 581-590	3.1	15

44	Nasal Bone Fractures: Analysis of 1193 Cases with an Emphasis on Coincident Adjacent Fractures. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , <b>2020</b> , 22, 249-254	2.4	2
43	Impact of posterior septum resection on nasal airflow pattern and warming function. <i>Acta Oto-Laryngologica</i> , <b>2020</b> , 140, 51-57	1.6	5
42	The effects of nasal decongestion on obstructive sleep apnoea. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2019</b> , 40, 52-56	2.8	6
41	The Effect of Upper Airway Surgery on Loop Gain in Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2019</b> , 15, 907-913	3.1	12
40	Quantitative Evaluation of the Function of the Sensory Nerve Fibers of the Palate in Patients With Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2019</b> , 15, 1347-1353	3.1	3
39	The predictive value of polysomnography combined with quality of life for treatment decision of children with habitual snoring related to adenotonsillar hypertrophy. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2018</b> , 275, 1579-1586	3.5	8
38	Physiology-Based Modeling May Predict Surgical Treatment Outcome for Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2017</b> , 13, 1029-1037	3.1	30
37	Apnea-hypopnea index decreased significantly after nasal surgery for obstructive sleep apnea: A meta-analysis. <i>Medicine (United States)</i> , <b>2017</b> , 96, e6008	1.8	26
36	Investigation of resectability degree for adenoidal surgery in OSA children with the method of computational fluid dynamics. <i>Acta Oto-Laryngologica</i> , <b>2017</b> , 137, 82-85	1.6	4
35	Preoperative assessment of stapes implantations of the vibrant SoundBridge for congenital aural atresia patients. <i>Acta Oto-Laryngologica</i> , <b>2017</b> , 137, 935-939	1.6	2
34	Round window application of an active middle ear implant (AMEI) system in congenital oval window atresia. <i>Acta Oto-Laryngologica</i> , <b>2016</b> , 136, 23-33	1.6	15
33	The clinical characteristics of congenital laryngeal saccular cysts. <i>Acta Oto-Laryngologica</i> , <b>2016</b> , 136, 168-176	1.6	7
32	Electrically evoked compound action potentials are different depending on the site of cochlear stimulation. <i>Cochlear Implants International</i> , <b>2016</b> , 17, 251-262	1.7	26
31	The effectiveness of nasal surgery on psychological symptoms in patients with obstructive sleep apnea and nasal obstruction. <i>Acta Oto-Laryngologica</i> , <b>2016</b> , 136, 626-32	1.6	14
30	Mometasone furoate nasal spray in the treatment of nasal polyposis in Chinese patients: a double-blind, randomized, placebo-controlled trial. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 88-94	6.3	11
29	Quality standards for bone conduction implants. <i>Acta Oto-Laryngologica</i> , <b>2015</b> , 135, 1277-85	1.6	18
28	Endoscopic endonasal resection of esthesioneuroblastoma: A single center experience of 24 patients. <i>Clinical Neurology and Neurosurgery</i> , <b>2015</b> , 138, 94-8	2	16
27	Genome-wide association study identifies three susceptibility loci for laryngeal squamous cell carcinoma in the Chinese population. <i>Nature Genetics</i> , <b>2014</b> , 46, 1110-4	36.3	40

26	Stagewise treatment of anterior commissure laryngeal web and recurrent laryngeal papillomatosis under endoscope. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2014</b> , 35, 427-30	2.8	3
25	Fibroblast-like cells differentiated from adipose-derived mesenchymal stem cells for vocal fold wound healing. <i>PLoS ONE</i> , <b>2014</b> , 9, e92676	3.7	39
24	Sox10 expressing cells in the lateral wall of the aged mouse and human cochlea. <i>PLoS ONE</i> , <b>2014</b> , 9, e97389	3.7	16
23	Characterization of extracellular matrix proteins during wound healing in the lamina propria of vocal fold in a canine model: a long-term and consecutive study. <i>Acta Histochemica</i> , <b>2014</b> , 116, 730-5	2	8
22	The development of auditory skills in young children with Mondini dysplasia after cochlear implantation. <i>PLoS ONE</i> , <b>2014</b> , 9, e108079	3.7	10
21	Vocal cord mucosal flap for the treatment of acquired anterior laryngeal web. <i>Chinese Medical Journal</i> , <b>2014</b> , 127, 1294-7	2.9	8
20	Feasibility and value of quantitative dynamic contrast enhancement MR imaging in the evaluation of sinonasal tumors. <i>Chinese Medical Journal</i> , <b>2014</b> , 127, 2259-64	2.9	6
19	Minimal incision access for pediatric and adult cochlear implantation. <i>Chinese Medical Journal</i> , <b>2014</b> , 127, 2434-7	2.9	4
18	Polysomnographic effect of nasal surgery on positional and non-positional obstructive sleep apnea/hypopnea patients. <i>Acta Oto-Laryngologica</i> , <b>2013</b> , 133, 858-65	1.6	6
17	Microarray gene expression analysis of tumorigenesis and regional lymph node metastasis in laryngeal squamous cell carcinoma. <i>PLoS ONE</i> , <b>2013</b> , 8, e84854	3.7	27
16	A multicenter randomized double-blind 2-week comparison study of azelastine nasal spray 0.1% versus levocabastine nasal spray 0.05% in patients with moderate-to-severe allergic rhinitis. <i>Orl</i> , <b>2011</b> , 73, 260-5	2	5
15	The specific IgE reactivity pattern of weed pollen-induced allergic rhinitis patients. <i>Acta Oto-Laryngologica</i> , <b>2011</b> , 131, 533-8	1.6	10
14	Nasal cavity ventilation expansion techniques. <i>Acta Oto-Laryngologica</i> , <b>2011</b> , 131, 1244-8	1.6	13
13	Association of the CD14 gene polymorphism C-159T with allergic rhinitis. <i>American Journal of Rhinology and Allergy</i> , <b>2010</b> , 24, e1-3	2.4	12
12	Olfactory event-related potential in patients with rhinosinusitis-induced olfactory dysfunction. <i>American Journal of Rhinology and Allergy</i> , <b>2010</b> , 24, 330-5	2.4	9
11	Allergen-specific IL-10-secreting type I T regulatory cells, but not CD4(+)CD25(+)Foxp3(+) T cells, are decreased in peripheral blood of patients with persistent allergic rhinitis. <i>Clinical Immunology</i> , <b>2010</b> , 136, 292-301	9	44
10	Development of Mandarin monosyllabic speech test materials in China. <i>International Journal of Audiology</i> , <b>2009</b> , 48, 300-11	2.6	16
9	The effect of myrtol standardized on human nasal ciliary beat frequency and mucociliary transport time. <i>American Journal of Rhinology and Allergy</i> , <b>2009</b> , 23, 610-4	2.4	17

8	Lexical tone perception with HiResolution and HiResolution 120 sound-processing strategies in pediatric Mandarin-speaking cochlear implant users. <i>Ear and Hearing</i> , <b>2009</b> , 30, 169-77	3.4	59
7	Functional endoscopic sinus surgery in china. <i>Orl</i> , <b>2008</b> , 70, 80-3	2	1
6	Multiplanar computed tomographic analysis of the frontal recess region in Chinese subjects without frontal sinus disease symptoms. <i>Orl</i> , <b>2008</b> , 70, 104-12	2	17
5	Tone production of Mandarin Chinese speaking children with cochlear implants. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2007</b> , 71, 875-80	1.7	52
4	P38 MAP-kinase pathway is involved in the production of CLC-3 in nasal epithelial cells with allergic rhinitis induced by interleukin-4. <i>Laryngoscope</i> , <b>2006</b> , 116, 1973-7	3.6	7
3	Vestibulotomy above a severely displaced facial nerve. <i>Acta Oto-Laryngologica</i> , <b>2005</b> , 125, 962-5	1.6	8
2	Revised uvulopalatopharyngoplasty with uvula preservation and its clinical study. <i>Orl</i> , <b>2005</b> , 67, 213-9	2	41
1	Advantages of using an image-guided system for transnasal endoscopic surgery. <i>Chinese Medical Journal</i> , <b>2003</b> , 116, 1106-7	2.9	5