

# Clemens Heiser

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

2,959  
citations

172457

29  
h-index

214800

47  
g-index

139  
all docs

139  
docs citations

139  
times ranked

1454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoglossal nerve stimulation versus positive airway pressure therapy for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2023, 27, 693-701.	1.7	6
2	Hypoglossal nerve stimulation for obstructive sleep apnea: updated position paper of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 61-66.	1.6	12
3	Obstruction level associated with outcome in hypoglossal nerve stimulation. <i>Sleep and Breathing</i> , 2022, 26, 419-427.	1.7	3
4	Concentric vs Anteroposterior Lateral Collapse of the Soft Palate in Patients With Obstructive Sleep Apnea. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 782-785.	1.9	3
5	A Noninferiority Analysis of vs Incision Techniques for Hypoglossal Nerve Stimulator Implantation. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 167, 197-202.	1.9	11
6	Bilateral vs Unilateral Hypoglossal Nerve Stimulation in Patients With Obstructive Sleep Apnea. <i>OTO Open</i> , 2022, 6, 2473974X2211097.	1.4	4
7	Cross motor innervation of the hypoglossal nerve—a pilot study of predictors for successful opening of the soft palate. <i>Sleep and Breathing</i> , 2021, 25, 425-431.	1.7	11
8	Diagnosis and treatment of isolated snoring—open questions and areas for future research. <i>Sleep and Breathing</i> , 2021, 25, 1011-1017.	1.7	3
9	Can Machine Learning Assist Locating the Excitation of Snore Sound? A Review. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1233-1246.	6.3	24
10	Endotyping in Patients with Obstructive Sleep Apnea and Hypoglossal Nerve Stimulation. The Golden Goal to a Successful Treatment?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 674-675.	5.6	0
11	Comparison of Traditional Upper Airway Surgery and Upper Airway Stimulation for Obstructive Sleep Apnea. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2021, 130, 370-376.	1.1	9
12	Evaluation of Surgical Learning Curve Effect on Obstructive Sleep Apnea Outcomes in Upper Airway Stimulation. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2021, 130, 467-474.	1.1	2
13	Drug-Induced Sleep Endoscopy and Hypoglossal Nerve Stimulation Outcomes: A Multicenter Cohort Study. <i>Laryngoscope</i> , 2021, 131, 1676-1682.	2.0	32
14	Effect of Upper Airway Stimulation in Patients with Obstructive Sleep Apnea (EFFECT): A Randomized Controlled Crossover Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 2880.	2.4	22
15	Improving outcomes of hypoglossal nerve stimulation therapy: current practice, future directions, and research gaps. Proceedings of the 2019 International Sleep Surgery Society Research Forum. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 2477-2487.	2.6	12
16	Impact of Body Mass Index and Discomfort on Upper Airway Stimulation: ADHERE Registry 2020 Update. <i>Laryngoscope</i> , 2021, 131, 2616-2624.	2.0	26
17	Hypoglossal Nerve Stimulation Usage by Therapy Nonresponders. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, , 019459982110368.	1.9	4
18	Radiofrequency resection in oral and oropharyngeal tumor surgery. <i>Auris Nasus Larynx</i> , 2020, 47, 148-153.	1.2	11

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19	Results of the ADHERE upper airway stimulation registry and predictors of therapy efficacy. Laryngoscope, 2020, 130, 1333-1338.	2.0	99
20	Long-term follow-up of the German post-market study for upper airway stimulation for obstructive sleep apnea. Sleep and Breathing, 2020, 24, 979-984.	1.7	30
21	Upper Airway Stimulation versus Untreated Comparators in Positive Airway Pressure Treatmentâ€“Refractory Obstructive Sleep Apnea. Annals of the American Thoracic Society, 2020, 17, 1610-1619.	3.2	18
22	Changes in breath cycle sensing affect outcomes in upper airway stimulation in sleep apnea. Laryngoscope Investigative Otolaryngology, 2020, 5, 326-329.	1.5	10
23	In reference to <i>Inclusion of the first cervical nerve does not influence outcomes in upper airway stimulation for treatment of obstructive sleep apnea</i>. Laryngoscope, 2020, 130, E454.	2.0	2
24	Hypoglossal nerve stimulation therapy does not alter tongue protrusion strength and fatigability in obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2020, 16, 285-292.	2.6	6
25	Long-term changes of stimulation intensities in hypoglossal nerve stimulation. Journal of Clinical Sleep Medicine, 2020, 16, 1775-1780.	2.6	12
26	Characterizing the role of NOTCH1 for the Squamous-Cell-Carcinoma of the Head-and-Neck. , 2020, 99, .		0
27	Charakterisierung der Rolle von NOTCH1 fÃ¼r das Plattenepithelkarzinom des Kopf-Hals-Bereiches. Laryngo- Rhino- Otologie, 2020, 99, .	0.2	0
28	Patient experience with upper airway stimulation in the treatment of obstructive sleep apnea. Sleep and Breathing, 2019, 23, 235-241.	1.7	26
29	Previous Surgery and Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea. Otolaryngology - Head and Neck Surgery, 2019, 161, 897-903.	1.9	19
30	Hypoglossal Nerve Stimulation: An Update on the Latest Evidence. Current Otorhinolaryngology Reports, 2019, 7, 181-186.	0.5	1
31	Phenotypes to Predict Response to Mandibular Advancement Device Therapy. Journal of Clinical Sleep Medicine, 2019, 15, 1073-1074.	2.6	0
32	A Bag of Wavelet Features for Snore Sound Classification. Annals of Biomedical Engineering, 2019, 47, 1000-1011.	2.5	26
33	Post-approval upper airway stimulation predictors of treatment effectiveness in the ADHERE registry. European Respiratory Journal, 2019, 53, 1801405.	6.7	110
34	Addressing the Tone and Synchrony Issue During Sleep. Sleep Medicine Clinics, 2019, 14, 91-97.	2.6	8
35	International consensus (ICON) on the ENT role in diagnosis of obstructive sleep apnea syndrome. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2018, 135, S3-S6.	0.7	7
36	Adherence to Upper-Airway Stimulation in the Treatment of OSA. Chest, 2018, 153, 574-575.	0.8	18

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37	Snoring classified: The Munich-Passau Snore Sound Corpus. Computers in Biology and Medicine, 2018, 94, 106-118.	7.0	39
38	Tongue motion variability with changes of upper airway stimulation electrode configuration and effects on treatment outcomes. Laryngoscope, 2018, 128, 1970-1976.	2.0	41
39	Upper Airway Stimulation for Obstructive Sleep Apnea: Results from the ADHERE Registry. Otolaryngology - Head and Neck Surgery, 2018, 159, 379-385.	1.9	74
40	Outcome after one year of upper airway stimulation for obstructive sleep apnea in a multicenter German post-market study. Laryngoscope, 2018, 128, 509-515.	2.0	91
41	Response to cis sedation administration strategy and analysis during drug-induced sedation endoscopy objective and systematic? Sleep and Breathing, 2018, 22, 183-184.	1.7	1
42	Technical tips during implantation of selective upper airway stimulation. Laryngoscope, 2018, 128, 756-762.	2.0	43
43	Reduced upper obstructions in N3 and increased lower obstructions in REM sleep stage detected with manometry. European Archives of Oto-Rhino-Laryngology, 2018, 275, 239-245.	1.6	7
44	Improving surgical results in complex nerve anatomy during implantation of selective upper airway stimulation. Auris Nasus Larynx, 2018, 45, 653-656.	1.2	7
45	Olfactory Function is Affected in Patients with Cirrhosis Depending on the Severity of Hepatic Encephalopathy. Annals of Hepatology, 2018, 17, 822-829.	1.5	12
46	0513 Effects of Hypoglossal Nerve Stimulation on Sleep Architecture and Objective Level of Alertness measured by MWT in OSA Patients. Sleep, 2018, 41, A192-A193.	1.1	0
47	Evaluation of body position in upper airway stimulation for obstructive sleep apnea" is continuous voltage sufficient enough?. Sleep and Breathing, 2018, 22, 1207-1212.	1.7	19
48	Patient-reported outcome: results of the multicenter German post-market study. European Archives of Oto-Rhino-Laryngology, 2018, 275, 1913-1919.	1.6	23
49	Hypoglossal nerve stimulation on sleep and level of alertness in OSA. Neurology, 2018, 91, e615-e619.	1.1	13
50	European position paper on drug-induced sleep endoscopy: 2017 Update. Clinical Otolaryngology, 2018, 43, 1541-1552.	1.2	157
51	Upper Airway Stimulation in Patients With Obstructive Sleep Apnea and an Elevated Body Mass Index: A Multi-institutional Review. Laryngoscope, 2018, 128, 2425-2428.	2.0	35
52	Upper Airway Stimulation in Patients Who Have Undergone Unsuccessful Prior Palate Surgery: An Initial Evaluation. Otolaryngology - Head and Neck Surgery, 2018, 159, 938-940.	1.9	18
53	Selective upper airway stimulation in older patients. Respiratory Medicine, 2018, 140, 77-81.	2.9	26
54	Upper Airway Stimulation for Obstructive Sleep Apnea " Results from the Adhere Registry. , 2018, 97, .		2

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55	Palatoglossus coupling in selective upper airway stimulation. <i>Laryngoscope</i> , 2017, 127, E378-E383.	2.0	80
56	Predictive Success Factors in Selective Upper Airway Stimulation. <i>Orl</i> , 2017, 79, 121-128.	1.1	17
57	Outcomes of Upper Airway Stimulation for Obstructive Sleep Apnea in a Multicenter German Postmarket Study. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 378-384.	1.9	72
58	Drug-induced sleep endoscopy with target-controlled infusion using propofol and monitored depth of sedation to determine treatment strategies in obstructive sleep apnea. <i>Sleep and Breathing</i> , 2017, 21, 737-744.	1.7	32
59	Relevance of Surgical Interventions for Treatment of Obstructive Sleep Apnea in Germany. <i>Value in Health</i> , 2017, 20, A649.	0.3	2
60	Surgical anatomy of the hypoglossal nerve: A new classification system for selective upper airway stimulation. <i>Head and Neck</i> , 2017, 39, 2371-2380.	2.0	33
61	Bipolar dissection technique in parotid gland surgery. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1210-1214.	0.9	7
62	Snore sound recognition: On wavelets and classifiers from deep nets to kernels. , 2017, 2017, 3737-3740.		12
63	0569 EFFECTS OF UPPER-AIRWAY STIMULATION ON SLEEP ARCHITECTURE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA. <i>Sleep</i> , 2017, 40, A211-A212.	1.1	0
64	Classification of the Excitation Location of Snore Sounds in the Upper Airway by Acoustic Multifeature Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1731-1741.	4.2	60
65	Sonographic evaluation of tongue motions during upper airway stimulation for obstructive sleep apnea—a pilot study. <i>Sleep and Breathing</i> , 2017, 21, 101-107.	1.7	27
66	Selective upper airway stimulation for obstructive sleep apnea: a single center clinical experience. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 1727-1734.	1.6	76
67	Prevalence of Obstructive Sleep Apnea in German In-Hospital Patients. <i>Value in Health</i> , 2017, 20, A717-A718.	0.3	0
68	Obstructive Sleep Apnea Treatment Guidelines - Implementation Status In Oecd-Countries. <i>Value in Health</i> , 2017, 20, A887.	0.3	0
69	0577 PATIENT OUTCOMES AND THERAPY ADHERENCE OF UPPER AIRWAY STIMULATION FOR TREATMENT OF OSA: PRELIMINARY RESULTS FROM THE MULTI-CENTER ADHERE REGISTRY. <i>Sleep</i> , 2017, 40, A214-A214.	1.1	1
70	0576 SELECTIVE UPPER AIRWAY STIMULATION IN OBSTRUCTIVE SLEEP APNEA: GERMAN POST MARKET STUDY - 12 MONTHS FOLLOW-UP. <i>Sleep</i> , 2017, 40, A214-A214.	1.1	0
71	Effects of upper-airway stimulation on sleep architecture in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2017, 21, 901-908.	1.7	31
72	Tonsillectomy with Uvulopalatopharyngoplasty in Obstructive Sleep Apnea. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2016, 113, 1-8.	0.9	62

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73	Liposomal treatment of xerostomia, odor, and taste abnormalities in patients with head and neck cancer. <i>Head and Neck</i> , 2016, 38, E1232-7.	2.0	12
74	Wavelet features for classification of vote snore sounds. , 2016, , .		17
75	ENT-specific therapy of obstructive sleep apnoea in adults. <i>Sleep and Breathing</i> , 2016, 20, 1301-1311.	1.7	24
76	Reproducibility of Acoustic Radiation Force Impulse Imaging in Thyroid and Salivary Glands with Experienced and Inexperienced Examiners. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2545-2552.	1.5	12
77	Advanced titration to treat a floppy epiglottis in selective upper airway stimulation. <i>Laryngoscope</i> , 2016, 126, S22-4.	2.0	31
78	Updates of operative techniques for upper airway stimulation. <i>Laryngoscope</i> , 2016, 126, S12-6.	2.0	95
79	Effect of liposomal local therapy on salivary glands in acoustic radiation force impulse imaging in Sjögren's syndrome. <i>Clinical Rheumatology</i> , 2016, 35, 2597-2601.	2.2	10
80	Nerve monitoring-guided selective hypoglossal nerve stimulation in obstructive sleep apnea patients. <i>Laryngoscope</i> , 2016, 126, 2852-2858.	2.0	71
81	Sonoelastographic Modalities in the Evaluation of Salivary Gland Characteristics in Sjögren's Syndrome. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2130-2139.	1.5	49
82	Functional outcome of tongue motions with selective hypoglossal nerve stimulation in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2016, 20, 553-560.	1.7	68
83	Sonographic evaluation of tongue motions during upper-airway stimulation for obstructive sleep apnea. , 2016, , .		1
84	FRIO388...Monitoring Local Therapy in Sjögren's Syndrome with Virtual Touch Tissue Quantification Sonography. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 567.2-567.	0.9	0
85	Trigeminal induced arousals during human sleep. <i>Sleep and Breathing</i> , 2015, 19, 553-560.	1.7	5
86	Diagnosis and treatment of snoring in adults-S2k Guideline of the German Society of Otorhinolaryngology, Head and Neck Surgery. <i>Sleep and Breathing</i> , 2015, 19, 135-148.	1.7	26
87	Cisplatin fails to induce puma mediated apoptosis in mucosal melanomas. <i>Oncotarget</i> , 2015, 6, 9887-9896.	1.8	4
88	Pharyngeal Chemosensitivity in Patients with Obstructive Sleep Apnea and Healthy Subjects. <i>Chemical Senses</i> , 2013, 38, 595-603.	2.0	13
89	Effects of an Artificial Smoke on Arousals During Human Sleep. <i>Chemosensory Perception</i> , 2012, 5, 274-279.	1.2	8
90	Taste disorders after tonsillectomy: A long-term follow-up. <i>Laryngoscope</i> , 2012, 122, 1265-1266.	2.0	23

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91	Palatal implants in the treatment of obstructive sleep apnea: a randomised, placebo-controlled single-centre trial. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 1851-1856.	1.6	23
92	A mobile olfactometer for fMRI-studies. <i>Journal of Neuroscience Methods</i> , 2012, 209, 189-194.	2.5	67
93	Co-stimulation with an olfactory stimulus increases arousal responses to trigeminal stimulation. <i>Neuroscience</i> , 2011, 176, 442-446.	2.3	14
94	Ciliary function of the nose in patients with Osler's disease and the effect of topically applied estrogens as a nose ointment. <i>Rhinology</i> , 2011, 49, 407-412.	1.3	4
95	Diagnosis and treatment of snoring in adults – S1 guideline of the German Society of Otorhinolaryngology, Head and Neck Surgery. <i>Sleep and Breathing</i> , 2010, 14, 317-321.	1.7	23
96	Taste disturbance following tonsillectomy – a prospective study. <i>Laryngoscope</i> , 2010, 120, 2119-2124.	2.0	33
97	Loss of olfactory function after exposure to barbituric acid. <i>Auris Nasus Larynx</i> , 2010, 37, 103-105.	1.2	5
98	The Effect of Tea Consumption on Oxidative Stress in Smokers and Nonsmokers. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999, 220, 249-254.	1.8	77
99	Surface analytical characterization of chromium-stabilized protecting oxide layers on stainless steel referring to activity buildup. <i>Journal of Nuclear Materials</i> , 1992, 189, 303-317.	2.7	6
100	Characterization of composite carbon coatings deposited by dc cathodic arc technique. <i>Journal of Materials Research</i> , 1991, 6, 101-111.	2.6	30
101	PECVD Si nitride and Si oxide layers – Hydrogen analysis and etching after ion implantation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1990, 50, 439-443.	1.4	1
102	Compositional Changes of PMMA Layers during $^{15}\text{N}$ Bombardment. <i>Physica Status Solidi A</i> , 1989, 112, 765-768.	1.7	2
103	Hydrogen, oxygen and carbon losses during $^{15}\text{N}$ bombardment of PMMA layers. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1988, 33, 803-807.	1.4	22
104	Preparation and characterization of ion-plated boron nitride. <i>Thin Solid Films</i> , 1986, 142, 83-99.	1.8	49
105	Plastic foils as primary hydrogen standards for nuclear reaction analysis. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1986, 15, 508-511.	1.4	37
106	Hydrogen determination by means of the $^1\text{H}(^{19}\text{F}, ^1\text{H})^{16}\text{O}$ and $^1\text{H}(^{15}\text{N}, ^1\text{H})^{12}\text{C}$ resonance reactions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 83, 99-105.	1.5	27
107	Fluorine determination in the near surface region of solids using the $^{19}\text{F}(p, \alpha)^{22}\text{F}$ resonance reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 83, 107-115.	1.5	15
108	L-Shell Ionization of Gold by Nitrogen Ion Impact. <i>IEEE Transactions on Nuclear Science</i> , 1983, 30, 970-972.	2.0	5

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109	The INTERSPEECH 2017 Computational Paralinguistics Challenge: Addressee, Cold & Snoring. , 0, , .		95
110	Effect of Upper Airway Stimulation in Patients With Obstructive Sleep Apnoea (EFFECT): A Randomized Controlled Crossover Trial. SSRN Electronic Journal, 0, , .	0.4	0
111	Partial update of the German S3 Guideline Sleep-Related Breathing Disorders in Adults. Somnologie, 0, , .	1.5	1