

# 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	European position paper on drug-induced sleep endoscopy: 2017 Update. <i>Clinical Otolaryngology</i> , 2018, 43, 1541-1552.	1.2	157
2	Post-approval upper airway stimulation predictors of treatment effectiveness in the ADHERE registry. <i>European Respiratory Journal</i> , 2019, 53, 1801405.	6.7	110
3	Results of the ADHERE upper airway stimulation registry and predictors of therapy efficacy. <i>Laryngoscope</i> , 2020, 130, 1333-1338.	2.0	99
4	Updates of operative techniques for upper airway stimulation. <i>Laryngoscope</i> , 2016, 126, S12-6.	2.0	95
5	The INTERSPEECH 2017 Computational Paralinguistics Challenge: Addressee, Cold & Snoring. , 0, , .		95
6	Outcome after one year of upper airway stimulation for obstructive sleep apnea in a multicenter German post-market study. <i>Laryngoscope</i> , 2018, 128, 509-515.	2.0	91
7	Palatoglossus coupling in selective upper airway stimulation. <i>Laryngoscope</i> , 2017, 127, E378-E383.	2.0	80
8	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
9	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
10	Upper Airway Stimulation for Obstructive Sleep Apnea: Results from the ADHERE Registry. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 379-385.	1.9	74
11	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
12	Nerve monitoring-guided selective hypoglossal nerve stimulation in obstructive sleep apnea patients. <i>Laryngoscope</i> , 2016, 126, 2852-2858.	2.0	71
13	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
14	A mobile olfactometer for fMRI-studies. <i>Journal of Neuroscience Methods</i> , 2012, 209, 189-194.	2.5	67
15	Tonsillectomy with Uvulopalatopharyngoplasty in Obstructive Sleep Apnea. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2016, 113, 1-8.	0.9	62
16	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
17	Preparation and characterization of ion-plated boron nitride. <i>Thin Solid Films</i> , 1986, 142, 83-99.	1.8	49
18	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

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19	Technical tips during implantation of selective upper airway stimulation. <i>Laryngoscope</i> , 2018, 128, 756-762.	2.0	43
20	Tongue motion variability with changes of upper airway stimulation electrode configuration and effects on treatment outcomes. <i>Laryngoscope</i> , 2018, 128, 1970-1976.	2.0	41
21	Snoring classified: The Munich-Passau Snore Sound Corpus. <i>Computers in Biology and Medicine</i> , 2018, 94, 106-118.	7.0	39
22	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
23	Upper Airway Stimulation in Patients With Obstructive Sleep Apnea and an Elevated Body Mass Index: A Multi-institutional Review. <i>Laryngoscope</i> , 2018, 128, 2425-2428.	2.0	35
24	Taste disturbance following tonsillectomy—a prospective study. <i>Laryngoscope</i> , 2010, 120, 2119-2124.	2.0	33
25	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
26	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
27	Drug-Induced Sleep Endoscopy and Hypoglossal Nerve Stimulation Outcomes: A Multicenter Cohort Study. <i>Laryngoscope</i> , 2021, 131, 1676-1682.	2.0	32
28	Advanced titration to treat a floppy epiglottis in selective upper airway stimulation. <i>Laryngoscope</i> , 2016, 126, S22-4.	2.0	31
29	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
30	Characterization of composite carbon coatings deposited by dc cathodic arc technique. <i>Journal of Materials Research</i> , 1991, 6, 101-111.	2.6	30
31	Long-term follow-up of the German post-market study for upper airway stimulation for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2020, 24, 979-984.	1.7	30
32	Hydrogen determination by means of the $^{19}\text{F}$ and $^{16}\text{O}$ and $^{15}\text{N}$ and $^{13}\text{C}$ resonance reactions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 83, 99-105.	1.5	27
33	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
34	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
35	Selective upper airway stimulation in older patients. <i>Respiratory Medicine</i> , 2018, 140, 77-81.	2.9	26
36	Patient experience with upper airway stimulation in the treatment of obstructive sleep apnea. <i>Sleep and Breathing</i> , 2019, 23, 235-241.	1.7	26

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37	A Bag of Wavelet Features for Snore Sound Classification. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1000-1011.	2.5	26
38	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
39	ENT-specific therapy of obstructive sleep apnoea in adults. <i>Sleep and Breathing</i> , 2016, 20, 1301-1311.	1.7	24
40	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
41	Diagnosis and treatment of snoring in adultsâ€”S1 guideline of the German Society of Otorhinolaryngology, Head and Neck Surgery. <i>Sleep and Breathing</i> , 2010, 14, 317-321.	1.7	23
42	Taste disorders after tonsillectomy: A longâ€term followâ€up. <i>Laryngoscope</i> , 2012, 122, 1265-1266.	2.0	23
43	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
44	Patient-reported outcome: results of the multicenter German post-market study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 1913-1919.	1.6	23
45	Hydrogen, oxygen and carbon losses during 15N bombardment of PMMA layers. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1988, 33, 803-807.	1.4	22
46	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
47	Evaluation of body position in upper airway stimulation for obstructive sleep apneaâ€”is continuous voltage sufficient enough?. <i>Sleep and Breathing</i> , 2018, 22, 1207-1212.	1.7	19
48	Previous Surgery and Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 897-903.	1.9	19
49	Adherence to Upper-Airway Stimulation in the Treatment of OSA. <i>Chest</i> , 2018, 153, 574-575.	0.8	18
50	Upper Airway Stimulation in Patients Who Have Undergone Unsuccessful Prior Palate Surgery: An Initial Evaluation. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 938-940.	1.9	18
51	Upper Airway Stimulation versus Untreated Comparators in Positive Airway Pressure Treatmentâ€”Refractory Obstructive Sleep Apnea. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1610-1619.	3.2	18
52	Wavelet features for classification of vote snore sounds. , 2016, , .		17
53	Predictive Success Factors in Selective Upper Airway Stimulation. <i>Orl</i> , 2017, 79, 121-128.	1.1	17
54	Fluorine determination in the near surface region of solids using the <sup>19</sup> F(p, $\alpha$ ) <sup>21</sup> F <sup>19</sup> F resonance reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 83, 107-115.	1.5	15

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55	Co-stimulation with an olfactory stimulus increases arousal responses to trigeminal stimulation. <i>Neuroscience</i> , 2011, 176, 442-446.	2.3	14
56	Pharyngeal Chemosensitivity in Patients with Obstructive Sleep Apnea and Healthy Subjects. <i>Chemical Senses</i> , 2013, 38, 595-603.	2.0	13
57	Hypoglossal nerve stimulation on sleep and level of alertness in OSA. <i>Neurology</i> , 2018, 91, e615-e619.	1.1	13
58	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
59	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
60	Snore sound recognition: On wavelets and classifiers from deep nets to kernels. , 2017, 2017, 3737-3740.		12
61	Olfactory Function is Affected in Patients with Cirrhosis Depending on the Severity of Hepatic Encephalopathy. <i>Annals of Hepatology</i> , 2018, 17, 822-829.	1.5	12
62	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
63	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
64	Long-term changes of stimulation intensities in hypoglossal nerve stimulation. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1775-1780.	2.6	12
65	Radiofrequency resection in oral and oropharyngeal tumor surgery. <i>Auris Nasus Larynx</i> , 2020, 47, 148-153.	1.2	11
66	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
67	A Noninferiority Analysis of 3â€”vs 2â€”Incision Techniques for Hypoglossal Nerve Stimulator Implantation. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 167, 197-202.	1.9	11
68	Effect of liposomal local therapy on salivary glands in acoustic radiation force impulse imaging in Sjögrenâ€™s syndrome. <i>Clinical Rheumatology</i> , 2016, 35, 2597-2601.	2.2	10
69	Changes in breath cycle sensing affect outcomes in upper airway stimulation in sleep apnea. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 326-329.	1.5	10
70	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
71	Effects of an Artificial Smoke on Arousals During Human Sleep. <i>Chemosensory Perception</i> , 2012, 5, 274-279.	1.2	8
72	Addressing the Tone and Synchrony Issue During Sleep. <i>Sleep Medicine Clinics</i> , 2019, 14, 91-97.	2.6	8

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73	Bipolar dissection technique in parotid gland surgery. Acta Oto-Laryngologica, 2017, 137, 1210-1214.	0.9	7
74	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
75	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
76	Improving surgical results in complex nerve anatomy during implantation of selective upper airway stimulation. Auris Nasus Larynx, 2018, 45, 653-656.	1.2	7
77	Surface analytical characterization of chromium-stabilized protecting oxide layers on stainless steel referring to activity buildup. Journal of Nuclear Materials, 1992, 189, 303-317.	2.7	6
78	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
79	Hypoglossal nerve stimulation versus positive airway pressure therapy for obstructive sleep apnea. Sleep and Breathing, 2023, 27, 693-701.	1.7	6
80	L-Shell Ionization of Gold by Nitrogen Ion Impact. IEEE Transactions on Nuclear Science, 1983, 30, 970-972.	2.0	5
81	Loss of olfactory function after exposure to barbituric acid. Auris Nasus Larynx, 2010, 37, 103-105.	1.2	5
82	Trigeminal induced arousals during human sleep. Sleep and Breathing, 2015, 19, 553-560.	1.7	5
83	Hypoglossal Nerve Stimulation Usage by Therapy Nonresponders. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110368.	1.9	4
84	Cisplatin fails to induce puma mediated apoptosis in mucosal melanomas. Oncotarget, 2015, 6, 9887-9896.	1.8	4
85	Ciliary function of the nose in patients with Osler's disease and the effect of topically applied estrogens as a nose ointment. Rhinology, 2011, 49, 407-412.	1.3	4
86	Bilateral vs Unilateral Hypoglossal Nerve Stimulation in Patients With Obstructive Sleep Apnea. OTO Open, 2022, 6, 2473974X2211097.	1.4	4
87	Diagnosis and treatment of isolated snoring – open questions and areas for future research. Sleep and Breathing, 2021, 25, 1011-1017.	1.7	3
88	Obstruction level associated with outcome in hypoglossal nerve stimulation. Sleep and Breathing, 2022, 26, 419-427.	1.7	3
89	Concentric vs Anteroposterior – Laterolateral Collapse of the Soft Palate in Patients With Obstructive Sleep Apnea. Otolaryngology - Head and Neck Surgery, 2022, 166, 782-785.	1.9	3
90	Compositional Changes of PMMA Layers during 15N Bombardment. Physica Status Solidi A, 1989, 112, 765-768.	1.7	2

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91	Relevance of Surgical Interventions for Treatment of Obstructive Sleep Apnea in Germany. Value in Health, 2017, 20, A649.	0.3	2
92	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
93	Evaluation of Surgical Learning Curve Effect on Obstructive Sleep Apnea Outcomes in Upper Airway Stimulation. Annals of Otolaryngology, Rhinology and Laryngology, 2021, 130, 467-474.	1.1	2
94	Upper Airway Stimulation for Obstructive Sleep Apnea – Results from the Adhere Registry. , 2018, 97, .		2
95	PECVD Si nitride and Si oxide layers – Hydrogen analysis and etching after ion implantation. Nuclear Instruments & Methods in Physics Research B, 1990, 50, 439-443.	1.4	1
96	0577 PATIENT OUTCOMES AND THERAPY ADHERENCE OF UPPER AIRWAY STIMULATION FOR TREATMENT OF OSA: PRELIMINARY RESULTS FROM THE MULTI-CENTER ADHERE REGISTRY. Sleep, 2017, 40, A214-A214.	1.1	1
97	Response to – sedation administration strategy and analysis during drug-induced sedation endoscopy objective and systematic? Sleep and Breathing, 2018, 22, 183-184.	1.7	1
98	Hypoglossal Nerve Stimulation: An Update on the Latest Evidence. Current Otorhinolaryngology Reports, 2019, 7, 181-186.	0.5	1
99	Sonographic evaluation of tongue motions during upper-airway stimulation for obstructive sleep apnea. , 2016, , .		1
100	Partial update of the German S3 Guideline Sleep-Related Breathing Disorders in Adults. Somnologie, 0, , .	1.5	1
101	FRI0388 – Monitoring Local Therapy in Sjögren's Syndrome with Virtual Touch Tissue Quantification Sonography. Annals of the Rheumatic Diseases, 2015, 74, 567.2-567.	0.9	0
102	0569 EFFECTS OF UPPER-AIRWAY STIMULATION ON SLEEP ARCHITECTURE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA. Sleep, 2017, 40, A211-A212.	1.1	0
103	Prevalence of Obstructive Sleep Apnea in German In-Hospital Patients. Value in Health, 2017, 20, A717-A718.	0.3	0
104	Obstructive Sleep Apnea Treatment Guidelines - Implementation Status In Oecd-Countries. Value in Health, 2017, 20, A887.	0.3	0
105	0576 SELECTIVE UPPER AIRWAY STIMULATION IN OBSTRUCTIVE SLEEP APNEA: GERMAN POST MARKET STUDY - 12 MONTHS FOLLOW-UP. Sleep, 2017, 40, A214-A214.	1.1	0
106	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
107	Phenotypes to Predict Response to Mandibular Advancement Device Therapy. Journal of Clinical Sleep Medicine, 2019, 15, 1073-1074.	2.6	0
108	Endotyping in Patients with Obstructive Sleep Apnea and Hypoglossal Nerve Stimulation. The Golden Goal to a Successful Treatment?. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 674-675.	5.6	0

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109	Effect of Upper Airway Stimulation in Patients With Obstructive Sleep Apnoea (EFFECT): A Randomized Controlled Crossover Trial. SSRN Electronic Journal, 0, , .	0.4	0
110	Characterizing the role of NOTCH1 for the Squamous-Cell-Carcinoma of the Head-and-Neck. , 2020, 99, .		0
111	Charakterisierung der Rolle von NOTCH1 für das Plattenepithelkarzinom des Kopf-Hals-Bereiches. Laryngo- Rhino- Otologie, 2020, 99, .	0.2	0