Matthias Leonhard

List of Publications by Year
in descending order

39	718	567144 15	580701 25
papers	citations	h-index	g-index

40	40	40	917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing antibiofilm activity with functional chitosan nanoparticles targeting biofilm cells and biofilm matrix. Carbohydrate Polymers, 2018, 200, 35-42.	5.1	71
2	Preparation and antibiofilm studies of curcumin loaded chitosan nanoparticles against polymicrobial biofilms of Candida albicans and Staphylococcus aureus. Carbohydrate Polymers, 2020, 241, 116254.	5.1	70
3	Co-immobilization of cellobiose dehydrogenase and deoxyribonuclease I on chitosan nanoparticles against fungal/bacterial polymicrobial biofilms targeting both biofilm matrix and microorganisms. Materials Science and Engineering C, 2020, 108, 110499.	3.8	46
4	Inhibitory effect of probiotic lactobacilli supernatants on single and mixed non- albicans Candida species biofilm. Archives of Oral Biology, 2018, 85, 40-45.	0.8	40
5	Inhibition of mixed fungal and bacterial biofilms on silicone by carboxymethyl chitosan. Colloids and Surfaces B: Biointerfaces, 2016, 148, 193-199.	2.5	39
6	Antibiofilm efficacy of curcumin in combination with 2-aminobenzimidazole against single- and mixed-species biofilms of Candida albicans and Staphylococcus aureus. Colloids and Surfaces B: Biointerfaces, 2019, 174, 28-34.	2.5	38
7	Antibiofilm activity of carboxymethyl chitosan on the biofilms of non-Candida albicans Candida species. Carbohydrate Polymers, 2016, 149, 77-82.	5.1	32
8	Inhibition activity of Lactobacilli supernatant against fungal-bacterial multispecies biofilms on silicone. Microbial Pathogenesis, 2017, 113, 197-201.	1.3	27
9	Voice Prostheses, Microbial Colonization and Biofilm Formation. Advances in Experimental Medicine and Biology, 2015, 830, 123-136.	0.8	27
10	Comparison of biofilm formation on new Phonax and Provox 2 voice prosthesesâ€"A pilot study. Head and Neck, 2010, 32, 886-895.	0.9	23
11	Î²-1,3-glucanase disrupts biofilm formation and increases antifungal susceptibility of Candida albicans DAY185. International Journal of Biological Macromolecules, 2018, 108, 942-946.	3.6	22
12	Longâ€term antibiofilm activity of carboxymethyl chitosan on mixed biofilm on silicone. Laryngoscope, 2016, 126, E404-E408.	1.1	21
13	Influence of culture conditions for clinically isolated non-albicans Candida biofilm formation. Journal of Microbiological Methods, 2016, 130, 123-128.	0.7	18
14	Efficacy of carboxymethyl chitosan against Candida tropicalis and Staphylococcus epidermidis monomicrobial and polymicrobial biofilms. International Journal of Biological Macromolecules, 2018, 110, 150-156.	3.6	18
15	Towards Objective Voice Assessment: The Diplophonia Diagram. Journal of Voice, 2017, 31, 253.e17-253.e26.	0.6	17
16	Growth kinetics of candida biofilm on medical polymers: A longâ€term in vitro study. Laryngoscope, 2013, 123, 732-737.	1.1	16
17	Anaerobic and microaerophilic pathogens in the biofilm formation on voice prostheses: A pilot study. Laryngoscope, 2012, 122, 1035-1039.	1.1	15
18	Oral microbial colonization in laryngectomized patients as a possible cofactor of biofilm formation on their voice prostheses. Journal of Clinical Periodontology, 2013, 40, 833-840.	2.3	15

#	Article	IF	Citations
19	Pharyngolaryngectomy with free jejunal autograft reconstruction and tracheoesophageal voice restoration: Indications for replacements, microbial colonization, and indwelling times of the Provox 2 voice prostheses. Head and Neck, 2011, 33, 1144-1153.	0.9	13
20	Evaluation of culture conditions for mixed biofilm formation with clinically isolated non- albicans Candida species and Staphylococcus epidermidis on silicone. Microbial Pathogenesis, 2017, 112, 215-220.	1.3	13
21	Inter-rater reliability of seven neurolaryngologists in laryngeal EMG signal interpretation. European Archives of Oto-Rhino-Laryngology, 2019, 276, 2849-2856.	0.8	13
22	Use of the myocutaneous serratus anterior free flap for reconstruction after salvage glossectomy. European Archives of Oto-Rhino-Laryngology, 2019, 276, 559-566.	0.8	11
23	Dispersal of single and mixed non- albicans Candida species biofilms by Î²-1,3-glucanase in vitro. Microbial Pathogenesis, 2017, 113, 342-347.	1.3	10
24	Pre- and intraoperative acoustic and functional assessment of the novel APreventÂ® VOIS implant during routine medialization thyroplasty. European Archives of Oto-Rhino-Laryngology, 2020, 277, 809-817.	0.8	10
25	Evaluation of combined growth media for in vitro cultivation of oropharyngeal biofilms on prosthetic silicone. Journal of Materials Science: Materials in Medicine, 2018, 29, 45.	1.7	9
26	Growth Media for Mixed Multispecies Oropharyngeal Biofilm Compositions on Silicone. BioMed Research International, 2019, 2019, 1-8.	0.9	8
27	Oral cavity anaerobic pathogens in biofilm formation on voice prostheses. Head and Neck, 2015, 37, 524-529.	0.9	7
28	In vitro biofilm growth on modern voice prostheses. Head and Neck, 2018, 40, 763-769.	0.9	7
29	Applicability of Selective Electrical Surface Stimulation in Unilateral Vocal Fold Paralysis. Laryngoscope, 2021, 131, E2566-E2572.	1.1	7
30	Summarized institutional experience of paediatric airway surgery. European Journal of Cardio-thoracic Surgery, 2016, 49, 1119-1126.	0.6	6
31	Seasonal Variations in Public Inquiries into Laryngitis: An Infodemiology Study. Journal of Voice, 2022, 36, 98-105.	0.6	5
32	Comparison of voice therapy and selective electrical stimulation of the larynx in early unilateral vocal fold paralysis after thyroid surgery: A retrospective data analysis. Clinical Otolaryngology, 2021, 46, 530-537.	0.6	5
33	Bacterial colonization of a powerâ€driven water flosser during regular use. A proofâ€ofâ€principle study. Clinical and Experimental Dental Research, 2021, 7, 656-663.	0.8	5
34	Changes in Acoustic Aspects of Vocal Function in Children After Adenotonsillectomy. Journal of Voice, 2022, 36, 438.e19-438.e24.	0.6	4
35	Objectivation of laryngeal electromyography (LEMG) data: turn number vs. qualitative analysis. European Archives of Oto-Rhino-Laryngology, 2020, 277, 1409-1415.	0.8	4
36	Disinfection of contaminated metal implants with an Er:YAG laser. Journal of Orthopaedic Research, 2020, 38, 2464-2473.	1.2	4

#	Article	IF	Citations
37	Microbiological evaluation of different reprocessing methods for cuffed and un-cuffed tracheostomy tubes in home-care and hospital setting. GMS Hygiene and Infection Control, 2016, 11, Doc02.	0.2	4
38	Effect of FFP2/3 Masks on Voice Range Profile Measurement and Voice Acoustics in Routine Voice Diagnostics. Folia Phoniatrica Et Logopaedica, 2022, 74, 335-344.	0.5	2
39	Electromyography of the posterior cricoarytenoid muscles: a consensus guideline. European Archives of Oto-Rhino-Laryngology, 2022, 279, 3785-3793.	0.8	1