Daniel Aalto

List of Publications by Year
in descending order

36 papers	335 citations	1040018 9 h-index	940516 16 g-index
37 all docs	37 docs citations	37 times ranked	375 citing authors

#	Article	IF	Citations
1	An Investigation of the Effect of Irradiation on the Biomechanical Properties of Fibular Grafts. Journal of Oral and Maxillofacial Surgery, 2022, 80, 784.e1-784.e5.	1.2	0
2	Speech kinematic variability in adults who stutter is influenced by treatment and speaking style. Journal of Communication Disorders, 2022, 96, 106194.	1.5	1
3	Admittance†Controlled Robotic Assistant for Fibula Osteotomies in Mandible Reconstruction Surgery. Advanced Intelligent Systems, 2021, 3, 2000158.	6.1	6
4	Simulation of tissue-prosthesis margin interface by using surface scanning and digital design for auricular prostheses. Journal of Prosthetic Dentistry, 2021, 125, 361-372.	2.8	6
5	Visual biofeedback for paradoxical vocal fold motion (PVFM). Journal of Otolaryngology - Head and Neck Surgery, 2021, 50, 13.	1.9	8
6	From lollipops to lidocaine: The need for a universal print-to-speech framework.. Canadian Journal of Experimental Psychology, 2021, 75, 279-298.	0.8	1
7	Evaluation of facial symmetry after jaw reconstruction surgery. Computer Methods in Biomechanics and Biomedical Engineering, 2021, 24, 1212-1220.	1.6	1
8	Deterministically assigned directional sensing of a nanoscale crack based pressure sensor by anisotropic Poisson ratios of the substrate. Journal of Materials Chemistry C, 2021, 9, 5154-5161.	5.5	8
9	Test-retest validation of a cranial deformity index in unilateral coronal craniosynostosis. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 1247-1259.	1.6	2
10	Skeletal Deformity in Patients With Unilateral Coronal Craniosynostosis: Perceptions of the General Public. Craniomaxillofacial Trauma & Reconstruction, 2020, 13, 122-129.	1.3	2
11	Evaluation of word recognition and word recall with bone conduction devices: do directional microphones free up cognitive resources?. International Journal of Audiology, 2020, 59, 367-373.	1.7	2
12	Development of a Patient-Centered Functional Outcomes Questionnaire in Head and Neck Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 437.	2.2	7
13	Contributions of Voice and Nonverbal Communication to Perceived Masculinity†"Femininity for Cisgender and Transgender Communicators. Journal of Speech, Language, and Hearing Research, 2020, 63, 931-947.	1.6	15
14	Simulated volume loss in the base of tongue in a virtual swallowing model. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 389-395.	1.9	3
15	Changing Hearing Performance and Sound Preference With Words and Expectations: Meaning Responses in Audiology. Ear and Hearing, 2019, 40, 615-620.	2.1	5
16	Use of Patient-Specific Finite Element Models in Dental Rehabilitation to Investigate Stresses of a Fibula Free Flap for Mandibular Reconstruction. International Journal of Oral and Maxillofacial Implants, 2019, 34, e21-e31.	1.4	1
17	Detection of Suture Needle Using Deep Learning. Journal of Medical Robotics Research, 2019, 04, 1942005.	1.2	4
18	The association between a mixing ability test and patient reported chewing ability in patients treated for oral malignancies. Journal of Oral Rehabilitation, 2019, 46, 140-150.	3.0	10

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19	Evaluation of an Automated Swallow-Detection Algorithm Using Visual Biofeedback in Healthy Adults and Head and Neck Cancer Survivors. Dysphagia, 2018, 33, 345-357.	1.8	13
20	â€œTo Name or Not to Name: That is the Questionâ€! The Role of Response Inhibition in Reading. Journal of Psycholinguistic Research, 2018, 47, 999-1014.	1.3	3
21	Behavioral and subcortical signatures of musical expertise in Mandarin Chinese speakers. PLoS ONE, 2018, 13, e0190793.	2.5	4
22	A Novel Marker Based Method to Teeth Alignment in MRI. Measurement Science Review, 2018, 18, 79-85.	1.0	2
23	Modal Locking Between Vocal Fold Oscillations and Vocal Tract Acoustics. Acta Acustica United With Acustica, 2018, 104, 323-337.	0.8	7
24	Hierarchical representation and estimation of prosody using continuous wavelet transform. Computer Speech and Language, 2017, 45, 123-136.	4.3	25
25	Musical Sophistication and the Effect of Complexity on Auditory Discrimination in Finnish Speakers. Frontiers in Neuroscience, 2017, 11, 213.	2.8	7
26	Functional and quality of life outcomes after partial glossectomy: a multi-institutional longitudinal study of the head and neck research network. Journal of Otolaryngology - Head and Neck Surgery, 2017, 46, 56.	1.9	35
27	The influence of fundamental frequency on perceived duration in spectrally comparable sounds. PeerJ, 2017, 5, e3734.	2.0	8
28	Quantity language speakers show enhanced subcortical processing. Biological Psychology, 2016, 118, 169-175.	2.2	5
29	Large scale data acquisition of simultaneous MRI and speech. Applied Acoustics, 2014, 83, 64-75.	3.3	36
30	Asymptotical stability of Muckenhoupt weights through Gurov-Reshetnyak classes. Transactions of the American Mathematical Society, 2012, 364, 6671-6687.	0.9	3
31	A Note on the Integrability of Maximal Functions Related to Differentiation Bases. Complex Analysis and Operator Theory, 2011, 5, 935-940.	0.6	1
32	Johnâ€"Nirenberg lemmas for a doubling measure. Studia Mathematica, 2011, 204, 21-37.	0.7	26
33	The discrete maximal operator in metric spaces. Journal D'Analyse Mathematique, 2010, 111, 369-390.	0.8	37
34	Phonetic tone signals phonological quantity and word structure. Journal of the Acoustical Society of America, 2010, 128, 1313-1321.	1.1	17
35	Real-Time Correlates of Phonological Quantity Reveal Unity of Tonal and Non-Tonal Languages. PLoS ONE, 2010, 5, e12603.	2.5	13
36	Maximal Functions in Sobolev Spaces. International Mathematical Series, 2009, , 25-67.	0.3	6