

# Daniel Aalto

## List of Publications by Year in descending order

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36  
papers

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citations

1170033

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1051228

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37  
docs citations

37  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation of the Effect of Irradiation on the Biomechanical Properties of Fibular Grafts. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 784.e1-784.e5.	0.5	0
2	Speech kinematic variability in adults who stutter is influenced by treatment and speaking style. <i>Journal of Communication Disorders</i> , 2022, 96, 106194.	0.8	1
3	Admittanceâ€Controlled Robotic Assistant for Fibula Osteotomies in Mandible Reconstruction Surgery. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000158.	3.3	6
4	Simulation of tissue-prosthesis margin interface by using surface scanning and digital design for auricular prostheses. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 361-372.	1.1	6
5	Visual biofeedback for paradoxical vocal fold motion (PVFM). <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2021, 50, 13.	0.9	8
6	From lollipops to lidocaine: The need for a universal print-to-speech framework.. <i>Canadian Journal of Experimental Psychology</i> , 2021, 75, 279-298.	0.7	1
7	Evaluation of facial symmetry after jaw reconstruction surgery. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1212-1220.	0.9	1
8	Deterministically assigned directional sensing of a nanoscale crack based pressure sensor by anisotropic Poisson ratios of the substrate. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5154-5161.	2.7	8
9	Test-retest validation of a cranial deformity index in unilateral coronal craniosynostosis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1247-1259.	0.9	2
10	Skeletal Deformity in Patients With Unilateral Coronal Craniosynostosis: Perceptions of the General Public. <i>Craniofacial Trauma &amp; Reconstruction</i> , 2020, 13, 122-129.	0.6	2
11	Evaluation of word recognition and word recall with bone conduction devices: do directional microphones free up cognitive resources?. <i>International Journal of Audiology</i> , 2020, 59, 367-373.	0.9	2
12	Development of a Patient-Centered Functional Outcomes Questionnaire in Head and Neck Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 437.	1.2	7
13	Contributions of Voice and Nonverbal Communication to Perceived Masculinityâ€Femininity for Cisgender and Transgender Communicators. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 931-947.	0.7	15
14	Simulated volume loss in the base of tongue in a virtual swallowing model. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019, 7, 389-395.	1.3	3
15	Changing Hearing Performance and Sound Preference With Words and Expectations: Meaning Responses in Audiology. <i>Ear and Hearing</i> , 2019, 40, 615-620.	1.0	5
16	Use of Patient-Specific Finite Element Models in Dental Rehabilitation to Investigate Stresses of a Fibula Free Flap for Mandibular Reconstruction. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, e21-e31.	0.6	1
17	Detection of Suture Needle Using Deep Learning. <i>Journal of Medical Robotics Research</i> , 2019, 04, 1942005.	1.0	4
18	The association between a mixing ability test and patient reported chewing ability in patients treated for oral malignancies. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 140-150.	1.3	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. <i>Dysphagia</i> , 2018, 33, 345-357.	1.0	13
20	“To Name or Not to Name: That is the Question” The Role of Response Inhibition in Reading. <i>Journal of Psycholinguistic Research</i> , 2018, 47, 999-1014.	0.7	3
21	Behavioral and subcortical signatures of musical expertise in Mandarin Chinese speakers. <i>PLoS ONE</i> , 2018, 13, e0190793.	1.1	4
22	A Novel Marker Based Method to Teeth Alignment in MRI. <i>Measurement Science Review</i> , 2018, 18, 79-85.	0.6	2
23	Modal Locking Between Vocal Fold Oscillations and Vocal Tract Acoustics. <i>Acta Acustica United With Acustica</i> , 2018, 104, 323-337.	0.8	7
24	Hierarchical representation and estimation of prosody using continuous wavelet transform. <i>Computer Speech and Language</i> , 2017, 45, 123-136.	2.9	25
25	Musical Sophistication and the Effect of Complexity on Auditory Discrimination in Finnish Speakers. <i>Frontiers in Neuroscience</i> , 2017, 11, 213.	1.4	7
26	Functional and quality of life outcomes after partial glossectomy: a multi-institutional longitudinal study of the head and neck research network. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2017, 46, 56.	0.9	35
27	The influence of fundamental frequency on perceived duration in spectrally comparable sounds. <i>PeerJ</i> , 2017, 5, e3734.	0.9	8
28	Quantity language speakers show enhanced subcortical processing. <i>Biological Psychology</i> , 2016, 118, 169-175.	1.1	5
29	Large scale data acquisition of simultaneous MRI and speech. <i>Applied Acoustics</i> , 2014, 83, 64-75.	1.7	36
30	Asymptotical stability of Muckenhoupt weights through Gurov-Reshetnyak classes. <i>Transactions of the American Mathematical Society</i> , 2012, 364, 6671-6687.	0.5	3
31	A Note on the Integrability of Maximal Functions Related to Differentiation Bases. <i>Complex Analysis and Operator Theory</i> , 2011, 5, 935-940.	0.3	1
32	John’s Nirenberg lemmas for a doubling measure. <i>Studia Mathematica</i> , 2011, 204, 21-37.	0.4	26
33	The discrete maximal operator in metric spaces. <i>Journal D'Analyse Mathematique</i> , 2010, 111, 369-390.	0.4	37
34	Phonetic tone signals phonological quantity and word structure. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1313-1321.	0.5	17
35	Real-Time Correlates of Phonological Quantity Reveal Unity of Tonal and Non-Tonal Languages. <i>PLoS ONE</i> , 2010, 5, e12603.	1.1	13
36	Maximal Functions in Sobolev Spaces. <i>International Mathematical Series</i> , 2009, , 25-67.	0.3	6