

Liran Oren

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

379
citations

840776

11
h-index

839539

18
g-index

44
all docs

44
docs citations

44
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	How Face Masks Affect Acoustic and Auditory Perceptual Characteristics of the Singing Voice. <i>Journal of Voice</i> , 2023, 37, 515-521.	1.5	9
2	An Exâ€vivo Model Examining Acoustics and Aerodynamic Effects Following Medialization With and Without Arytenoid Adduction. <i>Laryngoscope</i> , 2023, 133, 621-627.	2.0	1
3	Computational Modeling of Voice Production Using Excised Canine Larynx. <i>Journal of Biomechanical Engineering</i> , 2022, 144, .	1.3	9
4	Surgical Treatment of Acquired Velopharyngeal Insufficiency in Adults With Dysphagia and Dysphonia. <i>Journal of Voice</i> , 2022, , .	1.5	1
5	Secretion Bubbling as the Sound Mechanism for Nasal Rustle: A Perceptual Study. <i>Journal of Speech, Language, and Hearing Research</i> , 2022, 65, 869-877.	1.6	0
6	Computational Modeling of Nasal Drug Delivery Using Different Intranasal Corticosteroid Sprays for the Treatment of Eustachian Tube Dysfunction. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2022, 5, .	0.5	0
7	Medial Surface Dynamics as a Function of Subglottal Pressure in a Canine Larynx Model. <i>Journal of Voice</i> , 2021, 35, 69-76.	1.5	9
8	Evaluating the biomechanical characteristics of cuffed-tracheostomy tubes using finite element analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1-11.	1.6	1
9	Change in aeroacoustic sound mechanism during sibilant sound with different velopharyngeal opening sizes. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 937-945.	2.8	5
10	Impact of Vertical Stiffness Gradient on the Maximum Divergence Angle. <i>Laryngoscope</i> , 2021, 131, E1934-E1940.	2.0	4
11	Method for Fabricating Transparent Patient-Specific Vocal Tract Replicas. <i>Cleft Palate-Craniofacial Journal</i> , 2021, , 105566562110531.	0.9	0
12	Understanding Nasal Emission During Speech Production: A Review of Types, Terminology, and Causality. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 123-126.	0.9	14
13	Quantification of the Intraglottal Pressure Induced by Flow Separation Vortices Using Large Eddy Simulation. <i>Journal of Voice</i> , 2020, , .	1.5	5
14	Using High-Speed Nasopharyngoscopy to Quantify the Bubbling Above the Velopharyngeal Valve in Cases of Nasal Rustle. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 637-645.	0.9	3
15	Volume velocity in a canine larynx model using time-resolved tomographic particle image velocimetry. <i>Experiments in Fluids</i> , 2020, 61, 1.	2.4	8
16	Effects of velopharyngeal openings on flow characteristics of nasal emission. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1447-1459.	2.8	10
17	Effects of False Vocal Folds on Intraglottal Velocity Fields. <i>Journal of Voice</i> , 2020, 35, 695-702.	1.5	3
18	Pharyngeal flow simulations during sibilant sound in a patient-specific model with velopharyngeal insufficiency. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 3137-3145.	1.1	13

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19	Endoscopic posterior cricoid reduction: A surgical method to improve posterior glottic diastasis. <i>Laryngoscope</i> , 2019, 129, S1-S9.	2.0	8
20	Aerodynamic flow variables as a function of velopharyngeal gap size. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	3
21	Sound production mechanisms of audible nasal emission during the sibilant /s/. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 4199-4210.	1.1	10
22	How design characteristics of tracheostomy tubes affect the cannula and tracheal flows. <i>Laryngoscope</i> , 2019, 129, 1791-1799.	2.0	11
23	Preliminary Assessment of Dynamic Voice CT in Post-“Airway Reconstruction Patients. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 516-521.	1.9	11
24	Effect of vocal fold asymmetries on glottal flow. <i>Laryngoscope</i> , 2016, 126, 2534-2538.	2.0	16
25	Comparison of glottal flow rate characteristics based on experimental and computational data. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 2427-2429.	1.1	2
26	Direct measurement of planar flow rate in an excised canine larynx model. <i>Laryngoscope</i> , 2015, 125, 383-388.	2.0	12
27	Intraglottal velocity and pressure measurements in a hemilarynx model. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 935-943.	1.1	16
28	Intraglottal geometry and velocity measurements in canine larynges. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 380-388.	1.1	34
29	Direct simultaneous measurement of intraglottal geometry and velocity fields in excised larynges. <i>Laryngoscope</i> , 2014, 124, S1-13.	2.0	26
30	Characterization of the Vocal Fold Vertical Stiffness in a Canine Model. <i>Journal of Voice</i> , 2014, 28, 297-304.	1.5	33
31	Intraglottal pressure distribution computed from empirical velocity data in canine larynx. <i>Journal of Biomechanics</i> , 2014, 47, 1287-1293.	2.1	35
32	An Example of the Role of Basic Science Research to Inform the Treatment of Unilateral Vocal Fold Paralysis. <i>Perspectives on Voice and Voice Disorders</i> , 2014, 24, 37-50.	0.3	4
33	Relationship between divergence angle and skewing of the volumetric flow rate in an excised canine larynx model without a vocal tract. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	0
34	Turbulence Characteristics of Axisymmetric and Non-Circular Synthetic Jets. , 2010, , .		3
35	Flow Fields and Acoustics in a Unilateral Scarred Vocal Fold Model. <i>Annals of Otology, Rhinology and Laryngology</i> , 2009, 118, 44-50.	1.1	23
36	Role of Subglottal Shape in Turbulence Reduction. <i>Annals of Otology, Rhinology and Laryngology</i> , 2009, 118, 232-240.	1.1	21

#	ARTICLE	IF	CITATIONS
37	Flow Characteristics of Non Circular Synthetic Jets. , 2009, , .		11