

Liang Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2528919/publications.pdf>

Version: 2024-02-01

16
papers

126
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Voice production in a MRI-based subject-specific vocal fold model with parametrically controlled medial surface shape. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 4190-4198.	1.1	24
2	A parametric vocal fold model based on magnetic resonance imaging. <i>Journal of the Acoustical Society of America</i> , 2016, 140, EL159-EL165.	1.1	15
3	Improvement of Electrolaryngeal Speech Quality Using a Supraglottal Voice Source With Compensation of Vocal Tract Characteristics. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1965-1974.	4.2	11
4	Three-dimensional vocal fold structural change due to implant insertion in medialization laryngoplasty. <i>PLoS ONE</i> , 2020, 15, e0228464.	2.5	11
5	Visualizing the movement of the contact between vocal folds during vibration by using array-based transmission ultrasonic glottography. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3312-3322.	1.1	8
6	Design and Evaluation of an Electrolarynx with Tonal Control Function for Mandarin. <i>Folia Phoniatrica Et Logopaedica</i> , 2012, 64, 290-296.	1.1	7
7	A Computational Study of Vocal Fold Dehydration During Phonation. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 2938-2948.	4.2	7
8	Visualizing the mechanical wave of vocal fold tissue during phonation using electroglottogram-triggered ultrasonography. <i>Journal of the Acoustical Society of America</i> , 2018, 143, EL425-EL429.	1.1	7
9	Radiated Noise Suppression for Electrolarynx Speech Based on Multiband Time-Domain Amplitude Modulation. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2018, 26, 1585-1593.	5.8	7
10	Impact of the Paraglottic Space on Voice Production in an MRI-Based Vocal Fold Model. <i>Journal of Voice</i> , 2023, 37, 633.e15-633.e23.	1.5	7
11	Assessment of a Method for the Automatic On/Off Control of an Electrolarynx via Lip Deformation. <i>Journal of Voice</i> , 2012, 26, 674.e21-674.e30.	1.5	6
12	Visualizing the Vibration of Laryngeal Tissue during Phonation Using Ultrafast Plane Wave Ultrasonography. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2812-2825.	1.5	6
13	Development and Evaluation of On/Off Control for Electrolaryngeal Speech Via Artificial Neural Network Based on Visual Information of Lips. <i>Journal of Voice</i> , 2013, 27, 259.e7-259.e16.	1.5	3
14	Computational Study of the Impact of Dehydration-Induced Vocal Fold Stiffness Changes on Voice Production. <i>Journal of Voice</i> , 2022, , .	1.5	3
15	Acoustic influence of the neck tissue on Mandarin voiceless consonant production of electrolaryngeal speech. <i>Speech Communication</i> , 2017, 87, 31-39.	2.8	2
16	Reconstruction of Mandarin Electrolaryngeal Fricatives With Hybrid Noise Source. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2019, 27, 383-391.	5.8	2