

Jack J Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260
papers

5,014
citations

40
h-index

57
g-index

276
ext. papers

5,661
ext. citations

2.7
avg, IF

5.63
L-index

#	Paper	IF	Citations
260	Age and Sex Comparison of Aerodynamic Phonation Measurements Using Noninvasive Assessment. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 776-791	2.8	0
259	Spectral arc length as a method to quantify pharyngeal high-resolution manometric curve smoothness. <i>Neurogastroenterology and Motility</i> , 2021 , 33, e14122	4	
258	Using a Lossy Electrical Transmission Line Model for Optimizing Straw Phonation Configurations. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3258	2.6	0
257	Deep Learning for Laryngopharyngeal Reflux Diagnosis. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4753	2.6	0
256	Evaluating the Voice Type Component Distributions of Excised Larynx Phonations at Three Subglottal Pressures. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 1447-1456	2.8	1
255	Biomarkers for Malignant Potential in Vocal Fold Leukoplakia: A State of the Art Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 164, 751-758	5.5	2
254	Evaluation of Diffusional Characteristics and Microstructure in Unilateral Vocal Fold Paralysis Using Diffusion Tensor Imaging. <i>Ear, Nose and Throat Journal</i> , 2021 , 100, NP177-NP184	1	0
253	Compensatory Movement of Contralateral Vocal Folds in Patients With Unilateral Vocal Fold Paralysis. <i>Journal of Voice</i> , 2021 , 35, 328.e23-328.e28	1.9	0
252	Effects of Varying Lengths and Diameters During Straw Phonation on an Excised Canine Model. <i>Journal of Voice</i> , 2021 , 35, 85-93	1.9	5
251	The integrity and barrier function of porcine vocal fold epithelium: its susceptibility to damage by deoxycholic acid compared with pepsin. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021 , 278, 4893-4899	3.5	0
250	Phonosurgery: A review of current methodologies. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2021 , 7, 344-353	2.6	2
249	Anterior glottoplasty: the effect of inclusion of the vocal fold lamina propria to frequency elevation.. <i>Acta Oto-Laryngologica</i> , 2021 , 1-5	1.6	
248	The Therapeutic Effects of Straw Phonation on Vocal Fatigue. <i>Laryngoscope</i> , 2020 , 130, E674-E679	3.6	6
247	Nonlinear Acoustic Analysis of Voice Production 2020 , 73-82		
246	Aerodynamic Voice Assessment 2020 , 89-98		
245	To Explore the Changes and Differences of Microstructure of Vocal Fold in Vocal Fold Paralysis and Cricoarytenoid Joint Dislocation by Diffusion Tensor Imaging. <i>Journal of Voice</i> , 2020 ,	1.9	2
244	Spatial Motion of Arytenoid Cartilage Using Dynamic Computed Tomography Combined with Euler Angles. <i>Laryngoscope</i> , 2020 , 130, E646-E653	3.6	0

243	Simulation of Pediatric Endoscopic Cricoid Reduction and Expansion. <i>OTO Open</i> , 2020 , 4, 2473974X20946268		
242	Retest Reliability for Complete Airway Interruption Systems of Aerodynamic Measurement. <i>Journal of Voice</i> , 2020 ,	1.9	1
241	Comparison Between Combination of Resonant Voice Therapy and Vocal Hygiene Education and Vocal Hygiene Education Only for Female Elementary School Teachers. <i>Journal of Voice</i> , 2020 ,	1.9	2
240	Study of spatiotemporal liquid dynamics in a vibrating vocal fold by using a self-oscillating poroelastic model. <i>Journal of the Acoustical Society of America</i> , 2020 , 148, 2161	2.2	
239	Development of Excised Larynx. <i>Journal of Voice</i> , 2020 , 34, 38-43	1.9	1
238	Measurement Reliability of Laryngeal Resistance and Mean Flow Rate in Pediatric Subjects. <i>Journal of Voice</i> , 2020 , 34, 590-597	1.9	3
237	Changing Trends of Color of Different Laryngeal Regions in Laryngopharyngeal Reflux Disease. <i>Ear, Nose and Throat Journal</i> , 2020 , 99, 543-547	1	2
236	Laryngopharyngeal Reflux and Inflammatory Responses in Mucosal Barrier Dysfunction of the Upper Aerodigestive Tract. <i>Journal of Inflammation Research</i> , 2020 , 13, 1291-1304	4.8	2
235	The Effects of Photobiomodulation on Vocal Fold Wound Healing: and Studies. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019 , 37, 532-538	2.8	4
234	Quantitative second harmonic generation imaging of leporine, canine, and porcine vocal fold collagen. <i>Laryngoscope</i> , 2019 , 129, 2549-2556	3.6	
233	An Objective Parameter to Classify Voice Signals Based on Variation in Energy Distribution. <i>Journal of Voice</i> , 2019 , 33, 591-602	1.9	7
232	Lingering Effects of Straw Phonation Exercises on Aerodynamic, Electroglottographic, and Acoustic Parameters. <i>Journal of Voice</i> , 2019 , 33, 810.e5-810.e11	1.9	13
231	Dynamically Monitoring Vocal Fatigue and Recovery Using Aerodynamic, Acoustic, and Subjective Self-Rating Measurements. <i>Journal of Voice</i> , 2019 , 33, 809.e11-809.e18	1.9	12
230	Quantitative Measurement of the Three-dimensional Structure of the Vocal Folds and Its Application in Identifying the Type of Cricoarytenoid Joint Dislocation. <i>Journal of Voice</i> , 2019 , 33, 611-619	1.9	2
229	Effects of Angle of Epiglottis on Aerodynamic and Acoustic Parameters in Excised Canine Larynges. <i>Journal of Voice</i> , 2019 , 33, 627-633	1.9	
228	Quantification of Voice Type Components Present in Human Phonation Using a Modified Diffusive Chaos Technique. <i>Annals of Otology, Rhinology and Laryngology</i> , 2019 , 128, 921-931	2.1	2
227	Measurement reliability of phonation threshold pressure in pediatric subjects. <i>Laryngoscope</i> , 2019 , 129, 1520-1526	3.6	4
226	Topical Application of 5-Aminolevulinic Acid Is Sufficient for Photodynamic Therapy on Vocal Folds. <i>Laryngoscope</i> , 2019 , 129, E80-E86	3.6	1

225	The effects of cryotherapy on vocal fold healing in a rabbit model. <i>Laryngoscope</i> , 2019 , 129, E151-E157	3.6	6
224	Effects of a simulated system of straw phonation on the complete phonatory range of excised canine larynges. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019 , 276, 473-482	3.5	3
223	Cryotherapy has antifibrotic and regenerative effects on human vocal fold fibroblasts. <i>Laryngoscope</i> , 2019 , 129, E143-E150	3.6	3
222	Establishment of a novel and effective reflux laryngitis model in rabbits: a preliminary study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019 , 276, 175-183	3.5	3
221	Wound-healing effects of 635-nm low-level laser therapy on primary human vocal fold epithelial cells: an in vitro study. <i>Lasers in Medical Science</i> , 2019 , 34, 547-554	3.1	15
220	Comparing the Exposure-Response Relationships of Physiological and Traditional Vocal Warm-ups on Aerodynamic and Acoustic Parameters in Untrained Singers. <i>Journal of Voice</i> , 2019 , 33, 420-428	1.9	8
219	Photodynamic therapy induces antifibrotic alterations in primary human vocal fold fibroblasts. <i>Laryngoscope</i> , 2018 , 128, E323-E331	3.6	5
218	Effects of Straw Phonation Through Tubes of Varied Lengths on Sustained Vowels in Normal-Voiced Participants. <i>Journal of Voice</i> , 2018 , 32, 386.e21-386.e29	1.9	14
217	A Review of the Physiological Effects and Mechanisms of Singing. <i>Journal of Voice</i> , 2018 , 32, 390-395	1.9	25
216	Establishment and Analysis of False Vocal Folds Hypertrophy Model in Excised Canine Larynges. <i>Journal of Voice</i> , 2018 , 32, 143-148	1.9	2
215	Applied Chaos Level Test for Validation of Signal Conditions Underlying Optimal Performance of Voice Classification Methods. <i>Journal of Speech, Language, and Hearing Research</i> , 2018 , 61, 1130-1139	2.8	7
214	Prolonged phonation impairs the integrity and barrier function of porcine vocal fold epithelium: a preliminary study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018 , 275, 1547-1556	3.5	1
213	Application of Local Intrinsic Dimension for Acoustical Analysis of Voice Signal Components. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2018 , 127, 588-597	2.1	6
212	Excised larynx evaluation of subthyroid cartilage approach to medialization thyroplasty. <i>Laryngoscope</i> , 2018 , 128, 675-681	3.6	2
211	Concatenation of the Moving Window Technique for Auditory-Perceptual Analysis of Voice Quality. <i>American Journal of Speech-Language Pathology</i> , 2018 , 27, 1426-1433	3.1	0
210	Comparing the Nonlinear Dynamic Acoustic Parameters of Healthy Adult and Pediatric Voices. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2018 , 127, 937-945	2.1	1
209	Study on Normal Laryngeal Electromyography of Thyroarytenoid Muscle, Cricothyroid Muscle, and Posterior Cricothyroid Muscle. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2018 , 127, 806-811	2.1	0
208	The Mandarin Version of the Consensus Auditory-Perceptual Evaluation of Voice (CAPE-V) and Its Reliability. <i>Journal of Speech, Language, and Hearing Research</i> , 2018 , 61, 2451-2457	2.8	9

207	Using Rate of Divergence as an Objective Measure to Differentiate between Voice Signal Types Based on the Amount of Disorder in the Signal. <i>Journal of Voice</i> , 2017 , 31, 16-23	1.9	14
206	Quantitative Study of the Effects of Dehydration on the Viscoelastic Parameters in the Vocal Fold Mucosa. <i>Journal of Voice</i> , 2017 , 31, 269-274	1.9	6
205	Quantifying the Subharmonic Mucosal Wave in Excised Larynges via Digital Kymography. <i>Journal of Voice</i> , 2017 , 31, 123.e7-123.e13	1.9	3
204	The Potential Role of Subglottal Convergence Angle and Measurement. <i>Journal of Voice</i> , 2017 , 31, 116.e11-116.e15	1.9	5
203	Validation and Evaluation of the Effects of Semi-Occluded Face Mask Straw Phonation Therapy Methods on Aerodynamic Parameters in Comparison to Traditional Methods. <i>Journal of Voice</i> , 2017 , 31, 323-328	1.9	21
202	Evaluation of type II thyroplasty on phonatory physiology in an excised canine larynx model. <i>Laryngoscope</i> , 2017 , 127, 396-404	3.6	2
201	Over-vibration induced blood perfusion and vascular permeability changes may lead to vocal edema. <i>Laryngoscope</i> , 2017 , 127, 148-152	3.6	
200	A Preliminary Case Report of a High-Quality Cost-effective Rigid Laryngoscopy Setup. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2017 , 126, 411-414	2.1	1
199	Evaluation of an asymmetric anterior glottic web in an excised canine larynx model. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017 , 274, 1609-1615	3.5	1
198	Parameters From the Complete Phonatory Range of an Excised Rabbit Larynx. <i>Journal of Voice</i> , 2017 , 31, 517.e9-517.e17	1.9	7
197	The Finite Element Simulation of the Upper Airway of Patients with Moderate and Severe Obstructive Sleep Apnea Hypopnea Syndrome. <i>BioMed Research International</i> , 2017 , 2017, 7058519	3	1
196	Validation of the laryngopharyngeal reflux color and texture recognition compared to pH-probe monitoring. <i>Laryngoscope</i> , 2017 , 127, 665-670	3.6	7
195	Optimized Nonlinear Dynamic Analysis of Pathologic Voices With Laryngeal Paralysis Based on the Minimum Embedding Dimension. <i>Journal of Voice</i> , 2017 , 31, 249.e1-249.e7	1.9	6
194	A Case Report: Hybrid Treatment Approach to Lipoid Proteinosis of the Larynx. <i>Journal of Voice</i> , 2017 , 31, 128.e15-128.e19	1.9	2
193	An Excised Canine Model of Anterior Glottic Web and Its Acoustic, Aerodynamic, and High-speed Measurements. <i>Journal of Voice</i> , 2017 , 31, 246.e21-246.e32	1.9	7
192	The Measurement of Airflow Using Singing Helmet That Allows Free Movement of the Jaw. <i>Journal of Voice</i> , 2016 , 30, 641-648	1.9	9
191	Extension and Application of High-Speed Digital Imaging Analysis Via Spatiotemporal Correlation and Eigenmode Analysis of Vocal Fold Vibration Before and After Polyp Excision. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2016 , 125, 660-6	2.1	5
190	An Objective Parameter for Quantifying the Turbulent Noise Portion of Voice Signals. <i>Journal of Voice</i> , 2016 , 30, 664-669	1.9	12

189	The Protective Role of Autophagy in Human Vocal Fold Fibroblasts under Cigarette Smoke Extract Exposure: A New Insight into the Study of Reinke's Edema. <i>Orl</i> , 2016 , 78, 26-35	2	10
188	The Effect of Moving Window on Acoustic Analysis. <i>Journal of Voice</i> , 2016 , 30, 5-10	1.9	4
187	Vibratory Dynamics of Four Types of Excised Larynx Phonations. <i>Journal of Voice</i> , 2016 , 30, 649-655	1.9	8
186	A study of phonomicrosurgical arm support postures using a magnetic motion tracking system. <i>Laryngoscope</i> , 2016 , 126, 918-22	3.6	1
185	CUSUM analysis of learning curves for the head-mounted microscope in phonomicrosurgery. <i>Laryngoscope</i> , 2016 , 126, 2295-300	3.6	2
184	Development of an Innovative 3D Printed Rigid Bronchoscopy Training Model. <i>Annals of Otology, Rhinology and Laryngology</i> , 2016 , 125, 965-969	2.1	22
183	Quantitative Study for the Surface Dehydration of Vocal Folds Based on High-Speed Imaging. <i>Journal of Voice</i> , 2015 , 29, 403-9	1.9	13
182	Bioengineered vocal fold mucosa for voice restoration. <i>Science Translational Medicine</i> , 2015 , 7, 314ra187	17.5	46
181	Permeability of canine vocal fold lamina propria. <i>Laryngoscope</i> , 2015 , 125, 941-5	3.6	2
180	Functional and Histological Evaluation following Canine Vocal Fold Reconstruction Using Composite Thyroid Ala Perichondrium Flaps. <i>Otolaryngology - Head and Neck Surgery</i> , 2015 , 153, 79-87	5.5	3
179	Characterizing liquid redistribution in a biphasic vibrating vocal fold using finite element analysis. <i>Journal of Voice</i> , 2015 , 29, 265-72	1.9	5
178	Effect of variations to a simulated system of straw phonation therapy on aerodynamic parameters using excised canine larynges. <i>Journal of Voice</i> , 2014 , 28, 1-6	1.9	25
177	LPR: how different diagnostic tools shape the outcomes of treatment. <i>Journal of Voice</i> , 2014 , 28, 362-8	1.9	25
176	Detection of chronic laryngitis due to laryngopharyngeal reflux using color and texture analysis of laryngoscopic images. <i>Journal of Voice</i> , 2014 , 28, 98-105	1.9	17
175	Quantitative evaluation of phonomicrosurgical manipulations using a magnetic motion tracking system. <i>Laryngoscope</i> , 2014 , 124, 2107-13	3.6	4
174	Combined type IIIB with bilateral type I thyroplasty for pitch lowering with maintenance of vocal fold tension. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014 , 271, 1621-9	3.5	8
173	Reliability of an automated high-resolution manometry analysis program across expert users, novice users, and speech-language pathologists. <i>Journal of Speech, Language, and Hearing Research</i> , 2014 , 57, 831-6	2.8	17
172	Excised larynx evaluation of wedge-shaped adjustable balloon implant for minimally invasive type I thyroplasty. <i>Laryngoscope</i> , 2014 , 124, 942-9	3.6	5

171	Video-based method of quantifying performance and instrument motion during simulated phonosurgery. <i>Laryngoscope</i> , 2014 , 124, 2332-7	3.6	3
170	Aerodynamic measures of glottal function: what extra can they tell us and how do they guide management?. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2014 , 22, 450-4	2	13
169	Artificial neural network classification of pharyngeal high-resolution manometry with impedance data. <i>Laryngoscope</i> , 2013 , 123, 713-20	3.6	20
168	Evaluation of auditory and visual feedback for airflow interruption. <i>Journal of Voice</i> , 2013 , 27, 149-54	1.9	4
167	Nonlinear source-filter coupling due to the addition of a simplified vocal tract model for excised larynx experiments. <i>Journal of Voice</i> , 2013 , 27, 261-6	1.9	12
166	Use of the rabbit larynx in an excised larynx setup. <i>Journal of Voice</i> , 2013 , 27, 24-8	1.9	12
165	Liquid dynamics in a self-oscillating poroelastic model of the vocal fold 2013 ,		1
164	Classification of high-resolution manometry data according to videofluoroscopic parameters using pattern recognition. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 149, 126-33	5.5	32
163	Differentiating arytenoid dislocation and recurrent laryngeal nerve paralysis by arytenoid movement in laryngoscopic video. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 149, 451-6	5.5	7
162	Measurement of phonation threshold power in normal and disordered voice production. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2013 , 122, 555-60	2.1	19
161	G protein-coupled estrogen receptor 1 expression in human vocal fold. <i>Laryngoscope</i> , 2013 , 123, 948-51	3.6	4
160	Initial investigation of anterior approach to arytenoid adduction in excised larynges. <i>Laryngoscope</i> , 2013 , 123, 942-7	3.6	4
159	Expression of hypoxia inducible factor-1 α and vascular endothelia growth factor in vocal polyps. <i>Laryngoscope</i> , 2013 , 123, 2184-8	3.6	8
158	Three-dimensional analysis of pharyngeal high-resolution manometry data. <i>Laryngoscope</i> , 2013 , 123, 1746-53	3.6	27
157	Effect of vocal fold injury location on vibratory parameters in excised canine larynges. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 148, 89-95	5.5	5
156	A pilot study of macrophage responses to silk fibroin particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 1511-7	5.4	23
155	Rehydration capacities and rates for various porcine tissues after dehydration. <i>PLoS ONE</i> , 2013 , 8, e72573	3.7	7
154	Kymographic characterization of vibration in human vocal folds with nodules and polyps. <i>Laryngoscope</i> , 2012 , 122, 58-65	3.6	26

153	Noninvasive monitoring of vocal fold vertical vibration using the acoustic Doppler effect. <i>Journal of Voice</i> , 2012 , 26, 677-81	1.9	1
152	Classification of glottic insufficiency and tension asymmetry using a multilayer perceptron. <i>Laryngoscope</i> , 2012 , 122, 2773-80	3.6	6
151	The effect of segment selection on acoustic analysis. <i>Journal of Voice</i> , 2012 , 26, 1-7	1.9	22
150	Phonation instability flow in excised canine larynges. <i>Journal of Voice</i> , 2012 , 26, 280-4	1.9	5
149	Spatiotemporal analysis of normal and pathological human vocal fold vibrations. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2012 , 33, 641-9	2.8	12
148	A new method of reconstructing the human laryngeal architecture using micro-MRI. <i>Journal of Voice</i> , 2012 , 26, 555-62	1.9	21
147	Nonlinear dynamic-based analysis of severe dysphonia in patients with vocal fold scar and sulcus vocalis. <i>Journal of Voice</i> , 2012 , 26, 566-76	1.9	26
146	The effect of vocal fold adduction on the acoustic quality of phonation: ex vivo investigations. <i>Journal of Voice</i> , 2012 , 26, 698-705	1.9	10
145	High-resolution manometry of pharyngeal swallow pressure events associated with effortful swallow and the Mendelsohn maneuver. <i>Dysphagia</i> , 2012 , 27, 418-26	3.7	90
144	The head-mounted microscope. <i>Laryngoscope</i> , 2012 , 122, 781-4	3.6	9
143	New insights into mechanism of Eustachian tube ventilation based on cine computed tomography images. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012 , 269, 1901-7	3.5	31
142	Application of classification models to pharyngeal high-resolution manometry. <i>Journal of Speech, Language, and Hearing Research</i> , 2012 , 55, 892-902	2.8	32
141	Aerodynamic and nonlinear dynamic acoustic analysis of tension asymmetry in excised canine larynges. <i>Journal of Speech, Language, and Hearing Research</i> , 2012 , 55, 1850-61	2.8	5
140	Effects of low-pass filtering on acoustic analysis of voice. <i>Journal of Voice</i> , 2011 , 25, 15-20	1.9	11
139	Comparison of labial and mechanical interruption for measurement of aerodynamic parameters. <i>Journal of Voice</i> , 2011 , 25, 337-41	1.9	7
138	Perturbation and nonlinear dynamic analysis of adult male smokers. <i>Journal of Voice</i> , 2011 , 25, 342-7	1.9	23
137	Mucosal wave measurement and visualization techniques. <i>Journal of Voice</i> , 2011 , 25, 395-405	1.9	79
136	Phonation threshold power in ex vivo laryngeal models. <i>Journal of Voice</i> , 2011 , 25, 519-25	1.9	10

135	Ex vivo canine vocal fold lamina propria rehydration after varying dehydration levels. <i>Journal of Voice</i> , 2011 , 25, 657-62	1.9	11
134	Experimental and Theoretical Investigations of Phonation Threshold Pressure as a Function of Vocal Fold Elongation. <i>Acta Acustica United With Acustica</i> , 2011 , 97, 669-677	1.5	2
133	Nonlinear detection of disordered voice productions from short time series based on a Volterra-Wiener-Korenberg model. <i>Chaos, Solitons and Fractals</i> , 2011 , 44, 751-758	9.3	7
132	Automated analysis of pharyngeal pressure data obtained with high-resolution manometry. <i>Dysphagia</i> , 2011 , 26, 3-12	3.7	50
131	Optimal arytenoid adduction based on quantitative real-time voice analysis. <i>Laryngoscope</i> , 2011 , 121, 339-45	3.6	8
130	Correlative study of indirect computed tomography lymphography using iopamidol and histopathology in a cervical lymph node metastasis model. <i>Laryngoscope</i> , 2011 , 121, 724-31	3.6	9
129	Preliminary investigation of adjustable balloon implant for type I thyroplasty. <i>Laryngoscope</i> , 2011 , 121, 793-800	3.6	9
128	Prospective multi-arm evaluation of surgical treatments for vocal fold scar and pathologic sulcus vocalis. <i>Laryngoscope</i> , 2011 , 121, 1252-60	3.6	44
127	High-speed image analysis reveals chaotic vibratory behaviors of pathological vocal folds. <i>Chaos, Solitons and Fractals</i> , 2011 , 44, 169-177	9.3	12
126	Theoretical modeling and experimental high-speed imaging of elongated vocal folds. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58, 2725-31	5	4
125	Devices and Methods on Analysis of Biomechanical Properties of Laryngeal Tissue and Substitute Materials. <i>Current Bioinformatics</i> , 2011 , 6, 344-361	4.7	7
124	Global modeling of complex data series using the term-ranking approach and its application to voice synthesis. <i>Physical Review E</i> , 2011 , 84, 026205	2.4	2
123	Effects of surface dehydration on mucosal wave amplitude and frequency in excised canine larynges. <i>Otolaryngology - Head and Neck Surgery</i> , 2011 , 144, 108-13	5.5	28
122	HYDRATION RECOVERY OF CANINE THYROARYTENOID MUSCLE TISSUE AFTER VARYING LEVELS OF DEHYDRATION. <i>Journal of Mechanics in Medicine and Biology</i> , 2011 , 11, 803-812	0.7	1
121	Vowel selection and its effects on perturbation and nonlinear dynamic measures. <i>Folia Phoniatrica Et Logopaedica</i> , 2011 , 63, 88-97	1.5	12
120	Objective methods of sample selection in acoustic analysis of voice. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2011 , 120, 155-61	2.1	19
119	Quantitative study of vibrational symmetry of injured vocal folds via digital kymography in excised canine larynges. <i>Journal of Speech, Language, and Hearing Research</i> , 2011 , 54, 1022-38	2.8	13
118	Effects of the Voice over Internet Protocol on perturbation analysis of normal and pathological phonation. <i>Folia Phoniatrica Et Logopaedica</i> , 2010 , 62, 288-96	1.5	6

117	Multiparameter analysis of titanium vocal fold medializing implant in an excised larynx model. <i>Annals of Otology, Rhinology and Laryngology</i> , 2010 , 119, 125-32	2.1	10
116	Updating signal typing in voice: addition of type 4 signals. <i>Journal of the Acoustical Society of America</i> , 2010 , 127, 3710-16	2.2	61
115	Efficient and effective extraction of vocal fold vibratory patterns from high-speed digital imaging. <i>Journal of Voice</i> , 2010 , 24, 21-9	1.9	39
114	Liquid accumulation in vibrating vocal fold tissue: a simplified model based on a fluid-saturated porous solid theory. <i>Journal of Voice</i> , 2010 , 24, 260-9	1.9	12
113	Use of lasers in laryngeal surgery. <i>Journal of Voice</i> , 2010 , 24, 102-9	1.9	64
112	Nonlinear dynamic analysis of disordered voice: the relationship between the correlation dimension (D2) and pre-/post-treatment change in perceived dysphonia severity. <i>Journal of Voice</i> , 2010 , 24, 285-93	1.9	24
111	Acoustic analysis of the tremulous voice: assessing the utility of the correlation dimension and perturbation parameters. <i>Journal of Communication Disorders</i> , 2010 , 43, 35-44	1.9	40
110	Implantation of gelatin sponge combined with injection of autologous fat for sulcus vocalis. <i>Otolaryngology - Head and Neck Surgery</i> , 2010 , 143, 198-203	5.5	12
109	Multiparameter comparison of injection laryngoplasty, medialization laryngoplasty, and arytenoid adduction in an excised larynx model. <i>Laryngoscope</i> , 2010 , 120, 769-76	3.6	32
108	Interspecies comparison of mucosal wave properties using high-speed digital imaging. <i>Laryngoscope</i> , 2010 , 120, 1188-94	3.6	24
107	Parameters quantifying dehydration in canine vocal fold lamina propria. <i>Laryngoscope</i> , 2010 , 120, 1363-9	3.6	10
106	The effects of decorin and HGF-primed vocal fold fibroblasts in vitro and ex vivo in a porcine model of vocal fold scarring. <i>Laryngoscope</i> , 2010 , 120, 2247-57	3.6	14
105	Implementation of a program for surgical education in laryngology. <i>Laryngoscope</i> , 2010 , 120, 2241-6	3.6	22
104	Pharyngeal swallow adaptations to bolus volume measured with high-resolution manometry. <i>Laryngoscope</i> , 2010 , 120, 2367-73	3.6	91
103	Effects of mucosal loading on vocal fold vibration. <i>Chaos</i> , 2009 , 19, 023113	3.3	2
102	Effect of dehydration on phonation threshold flow in excised canine larynges. <i>Annals of Otology, Rhinology and Laryngology</i> , 2009 , 118, 154-9	2.1	24
101	Evaluation of the effects of deep brain stimulation of the subthalamic nucleus and levodopa treatment on parkinsonian voice using perturbation, nonlinear dynamic, and perceptual analysis. <i>Folia Phoniatrica Et Logopaedica</i> , 2009 , 61, 189-99	1.5	4
100	Objective acoustic analysis of pathological voices from patients with vocal nodules and polyps. <i>Folia Phoniatrica Et Logopaedica</i> , 2009 , 61, 342-9	1.5	39

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