

Jack J Jiang

List of Publications by Year in descending order

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269
papers

6,325
citations

61857

43
h-index

114278

63
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276
all docs

276
docs citations

276
times ranked

3294
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaos in Voice, From Modeling to Measurement. <i>Journal of Voice</i> , 2006, 20, 2-17.	0.6	145
2	Acoustic Analyses of Sustained and Running Voices From Patients With Laryngeal Pathologies. <i>Journal of Voice</i> , 2008, 22, 1-9.	0.6	131
3	Modeling of chaotic vibrations in symmetric vocal folds. <i>Journal of the Acoustical Society of America</i> , 2001, 110, 2120-2128.	0.5	128
4	High-Resolution Manometry of Pharyngeal Swallow Pressure Events Associated with Effortful Swallow and the Mendelsohn Maneuver. <i>Dysphagia</i> , 2012, 27, 418-426.	1.0	117
5	Phonatory Impairment in Parkinson's Disease: Evidence from Nonlinear Dynamic Analysis and Perturbation Analysis. <i>Journal of Voice</i> , 2007, 21, 64-71.	0.6	116
6	CD133, One of the Markers of Cancer Stem Cells in Hep-2 Cell Line. <i>Laryngoscope</i> , 2007, 117, 455-460.	1.1	116
7	Biological Mechanisms Underlying Voice Changes Due to Dehydration. <i>Journal of Speech, Language, and Hearing Research</i> , 2002, 45, 268-281.	0.7	113
8	Pharyngeal swallow adaptations to bolus volume measured with high-resolution manometry. <i>Laryngoscope</i> , 2010, 120, 2367-2373.	1.1	109
9	Use of Lasers in Laryngeal Surgery. <i>Journal of Voice</i> , 2010, 24, 102-109.	0.6	105
10	Mucosal Wave Measurement and Visualization Techniques. <i>Journal of Voice</i> , 2011, 25, 395-405.	0.6	102
11	Nonlinear dynamics of phonations in excised larynx experiments. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 2198-2205.	0.5	97
12	Comparison of the Phonation-Related Structures among Pig, Dog, White-Tailed Deer, and Human Larynges. <i>Annals of Otology, Rhinology and Laryngology</i> , 2001, 110, 1120-1125.	0.6	89
13	In vivo investigation of CD133 as a putative marker of cancer stem cells in Hep-2 cell line. <i>Head and Neck</i> , 2009, 31, 94-101.	0.9	87
14	Perturbation and Nonlinear Dynamic Analyses of Voices from Patients with Unilateral Laryngeal Paralysis. <i>Journal of Voice</i> , 2005, 19, 519-528.	0.6	84
15	Effects of Dehydration on Phonation in Excised Canine Larynges. <i>Annals of Otology, Rhinology and Laryngology</i> , 2000, 109, 568-575.	0.6	83
16	Updating signal typing in voice: Addition of type 4 signals. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3710-3716.	0.5	82
17	VOCAL FOLD PHYSIOLOGY. <i>Otolaryngologic Clinics of North America</i> , 2000, 33, 699-718.	0.5	78
18	Chaotic vibrations of a vocal fold model with a unilateral polyp. <i>Journal of the Acoustical Society of America</i> , 2004, 115, 1266-1269.	0.5	77

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19	Finite Element Modeling of Vocal Fold Vibration in Normal Phonation and Hyperfunctional Dysphonia: Implications for the Pathogenesis of Vocal Nodules. <i>Annals of Otology, Rhinology and Laryngology</i> , 1998, 107, 603-610.	0.6	76
20	Diagnosis and management of chronic laryngitis associated with reflux. <i>American Journal of Medicine</i> , 2000, 108, 112-119.	0.6	72
21	Simulation of vocal fold impact pressures with a self-oscillating finite-element model. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 3987-3994.	0.5	69
22	Automated Analysis of Pharyngeal Pressure Data Obtained with High-Resolution Manometry. <i>Dysphagia</i> , 2011, 26, 3-12.	1.0	69
23	Phonation threshold pressure measurements during phonation by airflow interruption. <i>Laryngoscope</i> , 1999, 109, 425-432.	1.1	68
24	Nonlinear dynamic analysis of voices before and after surgical excision of vocal polyps. <i>Journal of the Acoustical Society of America</i> , 2004, 115, 2270-2277.	0.5	68
25	Glottographic Measures Before and After Levodopa Treatment in Parkinson's Disease. <i>Laryngoscope</i> , 1999, 109, 1287-1294.	1.1	66
26	Asymmetric airflow and vibration induced by the Coanda effect in a symmetric model of the vocal folds. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 2270-2278.	0.5	65
27	Clinical Evaluation of Parkinson's-Related Dysphonia. <i>Laryngoscope</i> , 2006, 116, 1740-1744.	1.1	62
28	Measurement of Mucosal Wave Propagation and Vertical Phase Difference in Vocal Fold Vibration. <i>Annals of Otology, Rhinology and Laryngology</i> , 1993, 102, 58-63.	0.6	60
29	Bioengineered vocal fold mucosa for voice restoration. <i>Science Translational Medicine</i> , 2015, 7, 314ra187.	5.8	60
30	Vocal Nodules and Edema May Be Due to Vibration-Induced Rises in Capillary Pressure. <i>Laryngoscope</i> , 2008, 118, 748-752.	1.1	59
31	Prospective multi-arm evaluation of surgical treatments for vocal fold scar and pathologic sulcus vocalis. <i>Laryngoscope</i> , 2011, 121, 1252-1260.	1.1	59
32	Chaotic vibration induced by turbulent noise in a two-mass model of vocal folds. <i>Journal of the Acoustical Society of America</i> , 2002, 112, 2127-2133.	0.5	57
33	Mechanical stress during phonation in a self-oscillating finite-element vocal fold model. <i>Journal of Biomechanics</i> , 2007, 40, 2191-2198.	0.9	57
34	Comparison of nonlinear dynamic methods and perturbation methods for voice analysis. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 2551-2560.	0.5	55
35	Extracting Physiologically Relevant Parameters of Vocal Folds From High-Speed Video Image Series. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 794-801.	2.5	54
36	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.	0.8	50

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37	The minimum glottal airflow to initiate vocal fold oscillation. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 2873-2881.	0.5	48
38	Objective Acoustic Analysis of Pathological Voices from Patients with Vocal Nodules and Polyps. <i>Folia Phoniatica Et Logopaedica</i> , 2009, 61, 342-349.	0.5	48
39	Efficient and Effective Extraction of Vocal Fold Vibratory Patterns from High-Speed Digital Imaging. <i>Journal of Voice</i> , 2010, 24, 21-29.	0.6	48
40	Estimating model parameters by chaos synchronization. <i>Physical Review E</i> , 2004, 69, 036204.	0.8	47
41	Aerodynamic measurements of patients with parkinson's disease. <i>Journal of Voice</i> , 1999, 13, 583-591.	0.6	46
42	The effects of rehydration on phonation in excised canine larynges. <i>Journal of Voice</i> , 1999, 13, 51-59.	0.6	45
43	A Review of the Physiological Effects and Mechanisms of Singing. <i>Journal of Voice</i> , 2018, 32, 390-395.	0.6	45
44	Quantitative color analysis of laryngeal erythemain chronic posterior laryngitis. <i>Journal of Voice</i> , 1998, 12, 78-83.	0.6	43
45	Spatiotemporal chaos in excised larynx vibrations. <i>Physical Review E</i> , 2005, 72, 035201.	0.8	43
46	New insights into mechanism of Eustachian tube ventilation based on cine computed tomography images. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 1901-1907.	0.8	43
47	An Automatic Method to Quantify Mucosal Waves Via Videokymography. <i>Laryngoscope</i> , 2008, 118, 1504-1510.	1.1	42
48	Clinical Measurement of Mucosal Wave Velocity Using Simultaneous Photoglottography and Laryngostroboscopy. <i>Annals of Otology, Rhinology and Laryngology</i> , 1995, 104, 340-349.	0.6	40
49	Quantitative Study of Mucosal Wave Via Videokymography in Canine Larynges. <i>Laryngoscope</i> , 2000, 110, 1567-1573.	1.1	40
50	Application of Classification Models to Pharyngeal High-Resolution Manometry. <i>Journal of Speech, Language, and Hearing Research</i> , 2012, 55, 892-902.	0.7	40
51	Multiparameter comparison of injection laryngoplasty, medialization laryngoplasty, and arytenoid adduction in an excised larynx model. <i>Laryngoscope</i> , 2010, 120, 769-776.	1.1	39
52	The Effect of Segment Selection on Acoustic Analysis. <i>Journal of Voice</i> , 2012, 26, 1-7.	0.6	39
53	Vocal Efficiency Measurements in Subjects with Vocal Polyps and Nodules: A Preliminary Report. <i>Annals of Otology, Rhinology and Laryngology</i> , 2004, 113, 277-282.	0.6	38
54	Phonation threshold flow measurements in normal and pathological phonation. <i>Laryngoscope</i> , 2009, 119, 811-815.	1.1	38

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55	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.	0.6	38
56	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.	0.6	37
57	Classification of High-Resolution Manometry Data According to Videofluoroscopic Parameters Using Pattern Recognition. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 149, 126-133.	1.1	36
58	Vocal Fold Impact Stress Analysis. <i>Journal of Voice</i> , 2001, 15, 4-14.	0.6	35
59	Studying vocal fold vibrations in Parkinson's disease with a nonlinear model. <i>Chaos</i> , 2005, 15, 033903.	1.0	35
60	Three-Dimensional Analysis of Pharyngeal High-Resolution Manometry Data. <i>Laryngoscope</i> , 2013, 123, 1746-1753.	1.1	35
61	Acoustic Analysis of Aperiodic Voice: Perturbation and Nonlinear Dynamic Properties in Esophageal Phonation. <i>Journal of Voice</i> , 2009, 23, 283-290.	0.6	33
62	A New Method of Reconstructing the Human Laryngeal Architecture Using Micro-MRI. <i>Journal of Voice</i> , 2012, 26, 555-562.	0.6	33
63	Kymographic characterization of vibration in human vocal folds with nodules and polyps. <i>Laryngoscope</i> , 2012, 122, 58-65.	1.1	33
64	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.	0.6	33
65	Nonlinear Dynamic-Based Analysis of Severe Dysphonia in Patients With Vocal Fold Scar and Sulcus Vocalis. <i>Journal of Voice</i> , 2012, 26, 566-576.	0.6	32
66	Development of an Innovative 3D Printed Rigid Bronchoscopy Training Model. <i>Annals of Otolaryngology and Laryngology</i> , 2016, 125, 965-969.	0.6	32
67	Estimating system parameters from chaotic time series with synchronization optimized by a genetic algorithm. <i>Physical Review E</i> , 2007, 76, 016209.	0.8	31
68	Radiologic and histologic characterization of silk fibroin as scaffold coating for rabbit tracheal defect repair. <i>Otolaryngology - Head and Neck Surgery</i> , 2008, 139, 256-261.	1.1	31
69	A biphasic theory for the viscoelastic behaviors of vocal fold lamina propria in stress relaxation. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 1627-1636.	0.5	30
70	Effects of Surface Dehydration on Mucosal Wave Amplitude and Frequency in Excised Canine Larynges. <i>Otolaryngology - Head and Neck Surgery</i> , 2011, 144, 108-113.	1.1	30
71	Anterior-posterior biphonation in a finite element model of vocal fold vibration. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 1570-1577.	0.5	29
72	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, 285-293.	0.6	29

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73	Acoustic Measurement of Change in Voice Quality with Treatment for Chronic Posterior Laryngitis. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1997, 106, 279-285.	0.6	28
74	Role of Esophageal pH Recording in Management of Chronic Laryngitis: An Overview. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2000, 109, 4-9.	0.6	28
75	Analysis of anatomical factors controlling the morbidity of radiation-induced otitis media with effusion. <i>Radiotherapy and Oncology</i> , 2007, 85, 463-468.	0.3	28
76	Comparing Phonation Threshold Flow and Pressure by Abducting Excised Larynges. <i>Laryngoscope</i> , 2007, 117, 1695-1699.	1.1	28
77	Interspecies comparison of mucosal wave properties using high-speed digital imaging. <i>Laryngoscope</i> , 2010, 120, 1188-1194.	1.1	28
78	LPR: How Different Diagnostic Tools Shape the Outcomes of Treatment. <i>Journal of Voice</i> , 2014, 28, 362-368.	0.6	28
79	The dynamics of length change in canine vocal folds. <i>Journal of Voice</i> , 1997, 11, 267-276.	0.6	27
80	Effect of Dehydration on Phonation Threshold Flow in Excised Canine Larynges. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2009, 118, 154-159.	0.6	27
81	A pilot study of macrophage responses to silk fibroin particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1511-1517.	2.1	27
82	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, 831-836.	0.7	27
83	Lingering Effects of Straw Phonation Exercises on Aerodynamic, Electroglottographic, and Acoustic Parameters. <i>Journal of Voice</i> , 2019, 33, 810.e5-810.e11.	0.6	27
84	Perturbation and Nonlinear Dynamic Analysis of Different Singing Styles. <i>Journal of Voice</i> , 2009, 23, 647-652.	0.6	26
85	Implementation of a program for surgical education in laryngology. <i>Laryngoscope</i> , 2010, 120, 2241-2246.	1.1	26
86	Perturbation and Nonlinear Dynamic Analysis of Adult Male Smokers. <i>Journal of Voice</i> , 2011, 25, 342-347.	0.6	26
87	Artificial neural network classification of pharyngeal high-resolution manometry with impedance data. <i>Laryngoscope</i> , 2013, 123, 713-720.	1.1	26
88	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.	0.6	26
89	Perturbation and nonlinear dynamic analysis of acoustic phonatory signal in Parkinsonian patients receiving deep brain stimulation. <i>Journal of Communication Disorders</i> , 2008, 41, 485-500.	0.8	25
90	Nonlinear dynamic mechanism of vocal tremor from voice analysis and model simulations. <i>Journal of Sound and Vibration</i> , 2008, 316, 248-262.	2.1	24

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91	Onset and Offset Phonation Threshold Flow in Excised Canine Larynges. <i>Laryngoscope</i> , 2008, 118, 1313-1317.	1.1	24
92	A fluid-saturated poroelastic model of the vocal folds with hydrated tissue. <i>Journal of Biomechanics</i> , 2009, 42, 774-780.	0.9	24
93	Objective Methods of Sample Selection in Acoustic Analysis of Voice. <i>Annals of Otology, Rhinology and Laryngology</i> , 2011, 120, 155-161.	0.6	24
94	Fundamental Frequency and Amplitude Perturbation in Reconstructed Canine Vocal Folds. <i>Annals of Otology, Rhinology and Laryngology</i> , 1994, 103, 145-148.	0.6	23
95	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.	0.6	23
96	Chaotic component obscured by strong periodicity in voice production system. <i>Physical Review E</i> , 2008, 77, 061922.	0.8	22
97	Quantitative Measurement of Mucosal Wave by High-Speed Photography in Excised Larynges. <i>Annals of Otology, Rhinology and Laryngology</i> , 1998, 107, 98-103.	0.6	21
98	Quantifying the complexity of excised larynx vibrations from high-speed imaging using spatiotemporal and nonlinear dynamic analyses. <i>Chaos</i> , 2007, 17, 043114.	1.0	21
99	Asymmetric spatiotemporal chaos induced by a polypoid mass in the excised larynx. <i>Chaos</i> , 2008, 18, 043102.	1.0	21
100	Measurement of Phonation Threshold Power in Normal and Disordered Voice Production. <i>Annals of Otology, Rhinology and Laryngology</i> , 2013, 122, 555-560.	0.6	21
101	Determination of Phonation Instability Pressure and Phonation Pressure Range in Excised Larynges. <i>Journal of Speech, Language, and Hearing Research</i> , 2007, 50, 611-620.	0.7	20
102	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.	1.0	20
103	The Therapeutic Effects of Straw Phonation on Vocal Fatigue. <i>Laryngoscope</i> , 2020, 130, E674-E679.	1.1	20
104	Use of the Rabbit Larynx in an Excised Larynx Setup. <i>Journal of Voice</i> , 2013, 27, 24-28.	0.6	19
105	Differentiating between adductor and abductor spasmodic dysphonia using airflow interruption. <i>Laryngoscope</i> , 2009, 119, 1851-1855.	1.1	18
106	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.	0.6	18
107	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.	0.6	18
108	Estimating Subglottal Pressure using Incomplete Airflow Interruption. <i>Laryngoscope</i> , 2006, 116, 89-92.	1.1	17

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109	Parameter estimation of an asymmetric vocal-fold system from glottal area time series using chaos synchronization. <i>Chaos</i> , 2006, 16, 023118.	1.0	17
110	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, 261-266.	0.6	17
111	Aerodynamic measures of glottal function. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2014, 22, 450-454.	0.8	17
112	Age-related changes in human vocal tract configurations and the effects on speakers' vowel formant frequencies: a pilot study. <i>Logopedics Phoniatrics Vocology</i> , 1999, 24, 132-137.	0.5	16
113	Describing pediatric dysphonia with nonlinear dynamic parameters. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2008, 72, 1829-1836.	0.4	16
114	Positioning of medialization thyroplasty in an excised larynx model. <i>Laryngoscope</i> , 2009, 119, 591-596.	1.1	16
115	Implantation of gelatin sponge combined with injection of autologous fat for sulcus vocalis. <i>Otolaryngology - Head and Neck Surgery</i> , 2010, 143, 198-203.	1.1	16
116	Vowel Selection and Its Effects on Perturbation and Nonlinear Dynamic Measures. <i>Folia Phoniatrica Et Logopaedica</i> , 2011, 63, 88-97.	0.5	16
117	An Objective Parameter for Quantifying the Turbulent Noise Portion of Voice Signals. <i>Journal of Voice</i> , 2016, 30, 664-669.	0.6	16
118	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.	0.7	16
119	Videolaryngoscopic evaluation of laryngeal intubation injury: Incidence and predictive factors. <i>Otolaryngology - Head and Neck Surgery</i> , 1996, 114, 729-731.	1.1	15
120	Effects of head extension and tongue protrusion on voice perturbation measures. <i>Journal of Voice</i> , 2000, 14, 8-16.	0.6	15
121	A self-oscillating biophysical computer model of the elongated vocal fold. <i>Computers in Biology and Medicine</i> , 2008, 38, 1211-1217.	3.9	15
122	Experimental study on repair of the facial nerve with Schwann cells transfected with GDNF genes and PLGA conduits. <i>Acta Oto-Laryngologica</i> , 2008, 128, 1266-1272.	0.3	15
123	Phonation Threshold Flow in Elongated Excised Larynges. <i>Annals of Otology, Rhinology and Laryngology</i> , 2008, 117, 548-553.	0.6	15
124	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, 1022-1038.	0.7	15
125	Photodynamic therapy induces antifibrotic alterations in primary human vocal fold fibroblasts. <i>Laryngoscope</i> , 2018, 128, E323-E331.	1.1	15
126	Laryngopharyngeal Reflux and Inflammatory Responses in Mucosal Barrier Dysfunction of the Upper Aerodigestive Tract. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1291-1304.	1.6	15

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127	The phonation critical condition in rectangular glottis with wide prephonatory gaps. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 1637-1641.	0.5	14
128	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, 2247-2257.	1.1	14
129	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, 260-269.	0.6	14
130	Effects of Low-Pass Filtering on Acoustic Analysis of Voice. <i>Journal of Voice</i> , 2011, 25, 15-20.	0.6	14
131	High-speed image analysis reveals chaotic vibratory behaviors of pathological vocal folds. <i>Chaos, Solitons and Fractals</i> , 2011, 44, 169-177.	2.5	14
132	Spatiotemporal analysis of normal and pathological human vocal fold vibrations. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2012, 33, 641-649.	0.6	14
133	The Effect of Vocal Fold Adduction on the Acoustic Quality of Phonation: Ex Vivo Investigations. <i>Journal of Voice</i> , 2012, 26, 698-705.	0.6	14
134	Quantitative Study for the Surface Dehydration of Vocal Folds Based on High-Speed Imaging. <i>Journal of Voice</i> , 2015, 29, 403-409.	0.6	14
135	Glottographic Signal Perturbation in Biomechanically Different Types of Dysphonia. <i>Laryngoscope</i> , 1998, 108, 18-25.	1.1	13
136	Reliable Time to Estimate Subglottal Pressure. <i>Journal of Voice</i> , 2009, 23, 169-174.	0.6	13
137	Multiparameter Analysis of Titanium Vocal Fold Medializing Implant in an Excised Larynx Model. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2010, 119, 125-132.	0.6	13
138	Phonation Threshold Power in Ex Vivo Laryngeal Models. <i>Journal of Voice</i> , 2011, 25, 519-525.	0.6	13
139	The head-mounted microscope. <i>Laryngoscope</i> , 2012, 122, 781-784.	1.1	13
140	Typing Vocal Fold Vibratory Patterns in Excised Larynx Experiments Via Digital Kymography. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2009, 118, 598-605.	0.6	12
141	Preliminary investigation of adjustable balloon implant for type I thyroplasty. <i>Laryngoscope</i> , 2011, 121, 793-800.	1.1	12
142	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.	0.6	12
143	The Measurement of Airflow Using Singing Helmet That Allows Free Movement of the Jaw. <i>Journal of Voice</i> , 2016, 30, 641-648.	0.6	12
144	Acoustic and Airflow Spectral Analysis of Voice Tremor. <i>Journal of Speech, Language, and Hearing Research</i> , 2000, 43, 191-204.	0.7	11

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145	Clinical Evaluation of 70° and 90° Laryngeal Telescopes. JAMA Otolaryngology, 2002, 128, 941.	1.5	11
146	Receiver Operating Characteristic Analysis of Aerodynamic Parameters Obtained by Airflow Interruption: A Preliminary Report. Annals of Otology, Rhinology and Laryngology, 2004, 113, 961-966.	0.6	11
147	Fitting model equations to time series using chaos synchronization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 332, 197-206.	0.9	11
148	Phonation threshold pressure estimation using electroglottography in an airflow redirection system. Laryngoscope, 2009, 119, 2378-2383.	1.1	11
149	Parameters quantifying dehydration in canine vocal fold lamina propria. Laryngoscope, 2010, 120, 1363-1369.	1.1	11
150	Ex Vivo Canine Vocal Fold Lamina Propria Rehydration After Varying Dehydration Levels. Journal of Voice, 2011, 25, 657-662.	0.6	11
151	Devices and Methods on Analysis of Biomechanical Properties of Laryngeal Tissue and Substitute Materials. Current Bioinformatics, 2011, 6, 344-361.	0.7	11
152	An Objective Parameter to Classify Voice Signals Based on Variation in Energy Distribution. Journal of Voice, 2019, 33, 591-602.	0.6	11
153	Effect of Tape Recording on Perturbation Measures. Journal of Speech, Language, and Hearing Research, 1998, 41, 1031-1041.	0.7	11
154	Photoglottographic measures in parkinson's disease. Journal of Voice, 1999, 13, 25-35.	0.6	10
155	Expression of hypoxia inducible factor-1 and vascular endothelia growth factor in vocal polyps. Laryngoscope, 2013, 123, 2184-2188.	1.1	10
156	The Effect of Moving Window on Acoustic Analysis. Journal of Voice, 2016, 30, 5-10.	0.6	10
157	Vibratory Dynamics of Four Types of Excised Larynx Phonations. Journal of Voice, 2016, 30, 649-655.	0.6	10
158	Parameters From the Complete Phonatory Range of an Excised Rabbit Larynx. Journal of Voice, 2017, 31, 517.e9-517.e17.	0.6	10
159	Parameter estimations of parametrically excited pendulums based on chaos feedback synchronization. Journal of Sound and Vibration, 2006, 290, 1091-1099.	2.1	9
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