CONTENTS

815  Airflow Vibrato: Dependence on Pitch and Loudness  
Srihimaja Nandamudi and Ronald C. Scherer

831  Influence of the Body Position and Emission Number in the Results of the Maximum Phonation Times of Adults without Vocal Complaints  
Laíza Jaqueline Cunha, Eliane Cristina Pereira, Vanessa Veis Ribeiro and Ana Paula Dassie-Leite

838  Objective Indices of Perceived Vocal Strain  
Supraja Anand, Lisa M. Kopf, Rahul Shrivastav and David A. Eddins

846  Cigarette Smoke Exposure to Pig Larynx in an Inhalation Chamber  
Xinxin Liu, Allison Mustonen, Wei Zheng, M. Preeti Sivasankar and Abigail C. Durkes

851  Control of Fundamental Frequency in Dysphonic Patients During Phonation and Speech  
A. Ziethe, S. Petermann, U. Hoppe, N. Greiner, M. Brüning, C. Bohr and M. Döllinger

860  Patients’ Perceptions of and Attitudes Toward Voice Therapy: A Pilot Study  
Justin T. White and Erin N. Donahue

866  Positive Effects of Manual Circumlaryngeal Therapy in the Treatment of Muscle Tension Dysphonia (MTD): Long Term Treatment Outcomes  
Ali Dehqan and Ronald C. Scherer

872  A Comparison of Laboratory and Virtual Laryngeal Dissection Experiences on Preservice Music Educators’ Knowledge and Perceptions  
Melissa C. Brunkan and Emily M. Mercado

(continued on next page)
CONTENTS

880  Perceptual Clinical Features in Exercise-Induced Laryngeal Obstruction (EILO): Toward Improved Diagnostic Approaches
     Adrianna C. Shembel, Christopher J. Hartnick, Glenn Bunting, Catherine Ballif, Susan Shaiman, Vanessa de Guzman and Katherine Verdolini Abbott

894  Modulation of Relative Fundamental Frequency During Transient Emotional States
     Miriam van Mersbergen and Elizabeth Lanza

900  Prevalence of Voice Disorders in the General Population, Based on the Stockholm Public Health Cohort
     Viveka Lyberg-Åhlander, Roland Rydell, Peeter Fredlund, Cecilia Magnusson and Staffan Wilén

906  Usefulness of Two-Dimensional Digital Kymography in Patients With Vocal Fold Scarring
     Geun-Hyo Kim, Yeon-Woo Lee, In-Ho Bae, Hee-June Park, Soo-Geun Wang and Soon-Bok Kwon

915  Improved Mucosal Wave in Unilateral Autologous Temporal Fascia Graft in Sulcus Vocalis Type 2 and Vocal Scars
     Ramón González-Herranz, Estefania Hernandez García, Monica Granda-Rosales, Gustavo Eisenberg-Plaza, Jose Montejo Woodsen and Guillermo Plaza

923  The Diagnostic Usefulness of the Salivary Pepsin Test in Symptomatic Laryngopharyngeal Reflux
     Luz Barona-Lleo, Rafael Barona-De Guzman and Claudio Krstulovic

929  Impact of Laryngopharyngeal Reflux on Subjective, Aerodynamic, and Acoustic Voice Assessments of Responder and Nonresponder Patients
     Jérôme R. Lechien, Camille Finck, Kathy Huet, Mohamad Khalife, Anne-Françoise Fourneau, Véronique Delvaux, Myriam Piccaluga, Bernard Harmegnies and Sven Saussez

940  Vocal Fold Paresis: Incidence, and the Relationship between Voice Handicap Index and Laryngeal EMG Findings
     Srihari Daggumati, Haig Panossian and Robert T. Sataloff

945  Personality, Psychological Factors, and Behavioral Tendencies in Children With Vocal Nodules: A Systematic Review
     Jeong Min Lee, Nelson Roy and Maria Dietrich

945  Voice Characteristics of Young Girl Role in Kunqu Opera
     Li Dong and Jiangping Kong

     Wendy Cohen, Susan Lloyd, David M. Wynne and Richard B Townsley

945  Vocal Characteristics of School-Aged Children With and Without Attention Deficit Hyperactivity Disorder
     Daniella-Taylyn Moodley, Carl Swanepoel, Kristiane van Lierde, Shabnam Abdoola and Jeannie van der Linde

946  Auditory-Perceptual Characteristics of the Voice of Nondysphonic School Children From 8:0 to 10:0 Years Old
     Fernanda Aires, Kamila Fernandes, Carla Franco Hoffmann, Leila Susana Finger and Carla Aparecida Cielo
CONTENTS

- Acoustic Analysis of Crying Signal in Infants with Disabling Hearing Impairment
  Saeid Mahmoudian, Nasim Aminrasouli, Zohreh Ziatabar Ahmadi, Thomas Lenarz and Mohammad Farhadi

- The Influence of Auditory Feedback and Vocal Rehabilitation on Prelingual Hearing-Impaired Individuals Post Cochlear Implant
  Maysa Tibério Ubrig, Robinson Koji Tsuji, Raimar Weber, Márcia H. Moreira Menezes, Viviane M.O. Barrichelo, Maria Gabriela B. da Cunha, Domingos Hiroshi Tsuji and Maria Valéria S. Goﬁ-Gomez

- A Survey on Machine Learning Approaches for Automatic Detection of Voice Disorders
  Sarika Hegde, Surendra Shetty, Smitha Rai and Thejaswi Dodderi

- Cross-Cultural Adaptation and Validation of the Vocal Fatigue Index into Persian
  Ehsan Naderifar, Negin Moradi, Faeze Farzadi, Neda Tahmasebi, Majid Soltani, Seyed Mahmood Latifi and Chayadevie Nanjundeswaran

- Validation of the Acoustic Voice Quality Index in the Korean Language
  Geun-Hyo Kim, Yeon-Woo Lee, In-Ho Bae, Hee-June Park, Soo-Geun Wang and Soon-Bok Kwon

- Relation Between Musculoskeletal Pain and Voice Self-Assessment in Tele-Operators
  Ana Paula dos Santos, Kelly Cristina Alves Silverio, Ana Paula Dassie-Leite, Cintia da Conceição Costa and Larissa Thaís Donalonso Siqueira

- Validation of the Dysphonia Severity Index in the Dr. Speech Program
  HaKyung Kim, ShaoHua Gao, Bin Yi, RunJie Shi, Qin Wan and ZhaoMing Huang

- Detection of Diplophonation in Audio Recordings of German Standard Text Readings
  Philipp Aichinger and Jean Schoentgen

- Effects of Voice Therapy Using the Lip Trill Technique in Patients With Glottal Gap
  Inn-Chul Nam, Sang-Yeon Kim, Young-Hoon Joo, Young-Hak Park, Mi-Ran Shim, Yeon-Shin Hwang and Dong-II Sun

- Efficacy of Doctorvox Voice Therapy Technique for Mutational Falsetto
  I. Ilter Denizoglu, Mustafa Sahin, Seda Bayrak and M. Nur Uygun

Author Index

Subject Index