

Human auditory steady-state responses: Respuestas au

International Journal of Audiology

42, 177-219

DOI: 10.3109/14992020309101316

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Estimation of Hearing Loss in Children. American Journal of Audiology, 2003, 12, 125-136. | 0.5 | 89 |
| 2 | Human Auditory Steady-State Responses: The Effects of Recording Technique and State of Arousal. Anesthesia and Analgesia, 2003, 97, 1396-1402. | 1.1 | 79 |
| 3 | Efficient Stimuli for Evoking Auditory Steady-State Responses. Ear and Hearing, 2003, 24, 406-423. | 1.0 | 41 |
| 4 | Human Auditory Cortical Dynamics During Perception of Long Acoustic Sequences: Phase Tracking of Carrier Frequency by the Auditory Steady-state Response. Cerebral Cortex, 2004, 14, 35-46. | 1.6 | 15 |
| 5 | Near-threshold recordings of amplitude modulation following responses (AMFR) in children of different ages. International Journal of Audiology, 2004, 43, 339-345. | 0.9 | 21 |
| 7 | Bayesian model averaging in EEG/MEG imaging. NeuroImage, 2004, 21, 1300-1319. | 2.1 | 223 |
| 9 | Auditory Steady-State Responses and Word Recognition Scores in Normal-Hearing and Hearing-Impaired Adults. Ear and Hearing, 2004, 25, 68-84. | 1.0 | 71 |
| 10 | Recording Auditory Steady-State Responses in Young Infants. Ear and Hearing, 2004, 25, 539-553. | 1.0 | 98 |
| 11 | Auditory Sensitivity in Children Using the Auditory Steady-State Response. JAMA Otolaryngology, 2004, 130, 536. | 1.5 | 47 |
| 12 | Avoiding Electromagnetic Artifacts When Recording Auditory Steady-State Responses. Journal of the American Academy of Audiology, 2004, 15, 541-554. | 0.4 | 42 |
| 13 | Signal-to-Noise Ratios of the Auditory Steady-State Response from Fifty-Five EEG Derivations in Adults. Journal of the American Academy of Audiology, 2004, 15, 692-701. | 0.4 | 24 |
| 14 | Artifactual Responses When Recording Auditory Steady-State Responses. Ear and Hearing, 2004, 25, 611-623. | 1.0 | 60 |
| 15 | Auditory Steady-State Responses for Children With Severe to Profound Hearing Loss. JAMA Otolaryngology, 2004, 130, 531. | 1.5 | 72 |
| 16 | Human temporal auditory acuity as assessed by envelope following responses. Journal of the Acoustical Society of America, 2004, 116, 3581-3593. | 0.5 | 232 |
| 17 | EEG Derivations Providing Auditory Steady-State Responses With High Signal-to-Noise Ratios in Infants. Ear and Hearing, 2005, 26, 299-309. | 1.0 | 16 |
| 18 | Effect of Audiometric Configuration on Threshold and Suprathreshold Auditory Steady-State Responses. Ear and Hearing, 2005, 26, 310-326. | 1.0 | 52 |
| 19 | Fully complex magnetoencephalography. Journal of Neuroscience Methods, 2005, 149, 64-73. | 1.3 | 25 |
| 20 | Cortical Representations of Temporal Structure in Sound. Journal of Neurophysiology, 2005, 94, 3181-3191. | 0.9 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 21 | Estimating Audiometric Thresholds Using Auditory Steady-State Responses. <i>Journal of the American Academy of Audiology</i> , 2005, 16, 140-156. | 0.4 | 152 |
| 22 | Multiple Auditory Steady-State Responses to Bone-Conduction Stimuli in Adults with Normal Hearing. <i>Journal of the American Academy of Audiology</i> , 2005, 16, 172-183. | 0.4 | 33 |
| 23 | Left hemisphere specialization for rapid temporal processing: a study with auditory 40Hz steady-state responses. <i>Clinical Neurophysiology</i> , 2005, 116, 393-400. | 0.7 | 21 |
| 24 | Human auditory steady state responses to binaural and monaural beats. <i>Clinical Neurophysiology</i> , 2005, 116, 658-668. | 0.7 | 117 |
| 26 | Comparison of multiple auditory steady-state responses (80 versus 40 Hz) and slow cortical potentials for threshold estimation in hearing-impaired adults. <i>International Journal of Audiology</i> , 2005, 44, 613-624. | 0.9 | 66 |
| 27 | Auditory steady-state responses (ASSR): effects of modulation and carrier frequencies. <i>International Journal of Audiology</i> , 2005, 44, 567-573. | 0.9 | 26 |
| 28 | Brainstem Auditory Evoked Potentials in Infants and Children. , 2005, , 525-552. | | 5 |
| 29 | Automated auditory response detection: Statistical problems with repeated testing Evaluaci3n repetida en la detecci3n de respuestas auditivas. <i>International Journal of Audiology</i> , 2005, 44, 110-117. | 0.9 | 31 |
| 30 | The ASSR: clinical application in normal-hearing and hearing-impaired infants and adults, comparison with the click-evoked ABR and pure-tone audiometry. <i>International Journal of Audiology</i> , 2006, 45, 281-286. | 0.9 | 46 |
| 32 | Auditory steady-state evoked potentials (ASSEPs): A study of optimal stimulation parameters for frequency-specific threshold measurement in dogs. <i>Clinical Neurophysiology</i> , 2006, 117, 1760-1771. | 0.7 | 10 |
| 33 | Human auditory steady-state responses to changes in interaural correlation. <i>Hearing Research</i> , 2006, 219, 85-100. | 0.9 | 27 |
| 34 | Auditory Steady-State Response (ASSR). <i>Audiology Japan</i> , 2006, 49, 135-145. | 0.1 | 7 |
| 35 | Concurrent Encoding of Frequency and Amplitude Modulation in Human Auditory Cortex: MEG Evidence. <i>Journal of Neurophysiology</i> , 2006, 96, 2712-2723. | 0.9 | 46 |
| 36 | Multiple Auditory Steady-State Response Thresholds to Bone-Conduction Stimuli in Young Infants with Normal Hearing. <i>Ear and Hearing</i> , 2006, 27, 219-228. | 1.0 | 56 |
| 37 | Amplitude-Modulated Auditory Steady-State Responses in Younger and Older Listeners. <i>Journal of the American Academy of Audiology</i> , 2006, 17, 582-597. | 0.4 | 58 |
| 39 | Optimizing the Stimuli to Evoke the Amplitude Modulation Following Response (AMFR) in Neonates. <i>Ear and Hearing</i> , 2006, 27, 104-119. | 1.0 | 17 |
| 40 | Comparison of Auditory Steady-State Responses and Tone-Burst Auditory Brainstem Responses in Normal Babies. <i>Ear and Hearing</i> , 2006, 27, 751-762. | 1.0 | 27 |
| 41 | Evaluation of the Audiometric Usefulness of the Auditory Steady-state Response Using the Multiple Auditory Steady-state Response. <i>Practica Otologica</i> , 2006, 99, 181-186. | 0.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 42 | Auditory evoked potentials. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2006, 20, 129-139. | 1.7 | 97 |
| 43 | Audiometric Threshold Screening Method Using Envelope Detection Filters of Intensity Ramping Click Auditory Steady-State Responses. , 2006, 2006, 4983-6. | | 2 |
| 44 | Neuromagnetic Responses to Binaural Beat in Human Cerebral Cortex. <i>Journal of Neurophysiology</i> , 2006, 96, 1927-1938. | 0.9 | 61 |
| 45 | A comparison of 40â€‰%Hz auditory steady-state response (ASSR) and cortical auditory evoked potential (CAEP) thresholds in awake adult subjects. <i>International Journal of Audiology</i> , 2006, 45, 580-588. | 0.9 | 21 |
| 46 | Initial Audiologic Assessment of Infants Referred From Well Baby, Special Care, and Neonatal Intensive Care Unit Nurseries. <i>American Journal of Audiology</i> , 2006, 15, 14-24. | 0.5 | 13 |
| 47 | Multiple Auditory Steady-State Responses in Children and Adults with Normal Hearing, Sensorineural Hearing Loss, or Auditory Neuropathy. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2006, 115, 268-276. | 0.6 | 44 |
| 48 | Audiologic Management of Older Adults With Hearing Loss and Compromised Cognitive/Psychoacoustic Auditory Processing Capabilities. <i>Trends in Amplification</i> , 2006, 10, 1-28. | 2.4 | 87 |
| 49 | Clinical Application of Dichotic Multiple-Stimulus Auditory Steady-State Responses in High-Risk Newborns and Young Children. <i>Audiology and Neuro-Otology</i> , 2006, 11, 24-37. | 0.6 | 83 |
| 50 | Envelope Following Responses to Natural Vowels. <i>Audiology and Neuro-Otology</i> , 2006, 11, 213-232. | 0.6 | 78 |
| 51 | Auditory steady-state responses to chirp stimuli based on cochlear traveling wave delay. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 2772-2785. | 0.5 | 180 |
| 52 | Reliability and frequency specificity of auditory steady-state response detected by phase spectral analysis. <i>Journal of the Acoustical Society of America</i> , 2007, 122, EL58-EL61. | 0.5 | 2 |
| 53 | Age-Related Changes in Transient and Oscillatory Brain Responses to Auditory Stimulation in Healthy Adults 19-45 Years Old. <i>Cerebral Cortex</i> , 2007, 17, 1454-1467. | 1.6 | 65 |
| 54 | The Auditory Steady State Response in Individuals with Neurological Insult of the Central Auditory Nervous System. <i>Journal of the American Academy of Audiology</i> , 2007, 18, 826-845. | 0.4 | 13 |
| 55 | New Clicklike Stimuli for Hearing Testing. <i>Journal of the American Academy of Audiology</i> , 2007, 18, 725-738. | 0.4 | 24 |
| 56 | Methodology to Estimate the Transient Evoked Responses for the Generation of Steady State Responses. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 2444-7. | 0.5 | 6 |
| 57 | Prediction of hearing thresholds: Comparison of cortical evoked response audiometry and auditory steady state response audiometry techniques. <i>International Journal of Audiology</i> , 2007, 46, 17-25. | 0.9 | 23 |
| 58 | Electrically Evoked Auditory Steady-State Responses in Guinea Pigs. <i>Audiology and Neuro-Otology</i> , 2007, 12, 101-112. | 0.6 | 12 |
| 59 | Human Auditory Steady-State Responses During Sweeps of Intensity. <i>Ear and Hearing</i> , 2007, 28, 542-557. | 1.0 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 60 | Detection and differentiation of sensorineural hearing loss in mice using auditory steady-state responses and transient auditory brainstem responses. <i>Neuroscience</i> , 2007, 149, 673-684. | 1.1 | 34 |
| 61 | The perception of FM sweeps by Chinese and English listeners. <i>Hearing Research</i> , 2007, 224, 75-83. | 0.9 | 44 |
| 62 | Pb(P1) resonance at 40Hz: Effects of high stimulus rate on auditory middle latency responses (MLRs) explored using deconvolution. <i>Clinical Neurophysiology</i> , 2007, 118, 1261-1273. | 0.7 | 32 |
| 64 | Brain-computer interface systems: progress and prospects. <i>Expert Review of Medical Devices</i> , 2007, 4, 463-474. | 1.4 | 328 |
| 65 | Aided auditory steady-state responses in infants. <i>International Journal of Audiology</i> , 2007, 46, 287-292. | 0.9 | 26 |
| 66 | Concurrent Encoding of Frequency and Amplitude Modulation in Human Auditory Cortex: Encoding Transition. <i>Journal of Neurophysiology</i> , 2007, 98, 3473-3485. | 0.9 | 19 |
| 67 | Psychophysiology Principles, Pointers, and Pitfalls. , 0, , 367-423. | | 2 |
| 68 | Neural mechanisms of evoked oscillations: Stability and interaction with transient events. <i>Human Brain Mapping</i> , 2007, 28, 1318-1333. | 1.9 | 97 |
| 69 | Improving Auditory Steady-State Response Detection Using Independent Component Analysis on Multichannel EEG Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 1220-1230. | 2.5 | 30 |
| 70 | The amplitude and phase precision of 40Hz auditory steady-state response depend on the level of arousal. <i>Experimental Brain Research</i> , 2007, 183, 133-138. | 0.7 | 49 |
| 71 | Auditory steady-state responses for estimating moderate hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2007, 264, 755-759. | 0.8 | 19 |
| 72 | A flexible research platform for multi-channel auditory steady-state response measurements. <i>Journal of Neuroscience Methods</i> , 2008, 169, 239-248. | 1.3 | 13 |
| 73 | Speech auditory brainstem response (speech ABR) characteristics depending on recording conditions, and hearing status. <i>Journal of Neuroscience Methods</i> , 2008, 175, 196-205. | 1.3 | 47 |
| 74 | Generation of the 40-Hz auditory steady-state response (ASSR) explained using convolution. <i>Clinical Neurophysiology</i> , 2008, 119, 2598-2607. | 0.7 | 99 |
| 75 | Physiological Measures of Auditory Function. , 2008, , 159-173. | | 1 |
| 76 | Relationship between loudness growth function and auditory steady-state response in normal-hearing subjects. <i>Hearing Research</i> , 2008, 235, 105-113. | 0.9 | 42 |
| 77 | Envelope and spectral frequency-following responses to vowel sounds. <i>Hearing Research</i> , 2008, 245, 35-47. | 0.9 | 316 |
| 78 | Auditory steady-state responses to bone conduction stimuli in children with hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2008, 72, 1861-1871. | 0.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 80 | Auditory steady-state responses in normal hearing adults: A test-retest reliability study. <i>International Journal of Audiology</i> , 2008, 47, 489-498. | 0.9 | 34 |
| 81 | Maturation of bone conduction multiple auditory steady-state responses. <i>International Journal of Audiology</i> , 2008, 47, 476-488. | 0.9 | 25 |
| 82 | Electrically Evoked Auditory Steady-State Responses in a Guinea Pig Model: Latency Estimates and Effects of Stimulus Parameters. <i>Audiology and Neuro-Otology</i> , 2008, 13, 161-171. | 0.6 | 7 |
| 83 | Cortical Steady-State Responses to Central and Peripheral Auditory Beats. <i>Cerebral Cortex</i> , 2008, 18, 1193-1200. | 1.6 | 82 |
| 84 | The Effects of Monotic and Dichotic Interference Tones on 40 Hz Auditory Steady-State Responses in Normal-Hearing Adults. <i>Journal of the American Academy of Audiology</i> , 2008, 19, 101-119. | 0.4 | 3 |
| 85 | Auditory Steady-State Response Audiometry. <i>Practica Otologica</i> , 2008, 101, 159-174. | 0.0 | 5 |
| 86 | The Influence of the Detection Paradigm in Recording Auditory Steady-State Responses. <i>Ear and Hearing</i> , 2008, 29, 638-650. | 1.0 | 24 |
| 87 | Normal Ipsilateral/Contralateral Asymmetries in Infant Multiple Auditory Steady-State Responses to Air- and Bone-Conduction Stimuli. <i>Ear and Hearing</i> , 2008, 29, 185-198. | 1.0 | 31 |
| 88 | A Novel Type of Auditory Responses: Temporal Dynamics of 40-Hz Steady-State Responses Induced by Changes in Sound Localization. <i>Journal of Neurophysiology</i> , 2008, 100, 1265-1277. | 0.9 | 42 |
| 89 | Neural mechanisms of intermodal sustained selective attention with concurrently presented auditory and visual stimuli. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 58. | 1.0 | 76 |
| 90 | Sensitivity of Newborn Auditory Cortex to the Temporal Structure of Sounds. <i>Journal of Neuroscience</i> , 2009, 29, 14726-14733. | 1.7 | 226 |
| 91 | The Clinical Value of the Multiple-Frequency 80-Hz Auditory Steady-State Response in Adults With Normal Hearing and Hearing Loss. <i>JAMA Otolaryngology</i> , 2009, 135, 496. | 1.5 | 19 |
| 92 | Steady State Responses: Electrophysiological Assessment of Sensory Function in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 1065-1077. | 2.3 | 199 |
| 93 | Normal Multiple Auditory Steady-State Response Thresholds to Air-Conducted Stimuli in Infants. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 196-207. | 0.4 | 39 |
| 94 | Adults with Auditory Neuropathy: Comparison of Auditory Steady-State Response and Pure-Tone Audiometry. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 621-628. | 0.4 | 26 |
| 95 | Auditory Steady-State Responses and Speech Feature Discrimination in Infants. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 629-643. | 0.4 | 6 |
| 96 | Accuracy and Time Efficiency of Two ASSR Analysis Methods Using Clinical Test Protocols. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 433-452. | 0.4 | 9 |
| 97 | A Procedural Framework for Auditory Steady-State Response Detection. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1098-1107. | 2.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 98 | Auditory steady-state response and auditory brainstem response thresholds in children. <i>European Archives of Oto-Rhino-Laryngology</i> , 2009, 266, 213-219. | 0.8 | 44 |
| 100 | Age-related changes in transient and oscillatory brain responses to auditory stimulation during early adolescence. <i>Developmental Science</i> , 2009, 12, 220-235. | 1.3 | 52 |
| 101 | A linear feature space for simultaneous learning of spatio-spectral filters in BCI. <i>Neural Networks</i> , 2009, 22, 1278-1285. | 3.3 | 27 |
| 102 | Post-processing of auditory steady-state responses to correct spectral leakage. <i>Journal of Neuroscience Methods</i> , 2009, 181, 145-149. | 1.3 | 2 |
| 103 | Two discrete components of the 20Hz steady-state response are distinguished through the modulation of activation level. <i>Clinical Neurophysiology</i> , 2009, 120, 904-909. | 0.7 | 13 |
| 104 | Estimation of pure-tone thresholds in adults using extrapolated distortion product otoacoustic emission input/output-functions and auditory steady state responses. <i>International Journal of Audiology</i> , 2009, 48, 625-631. | 0.9 | 13 |
| 105 | Cortical auditory steady-state responses to low modulation rates. <i>International Journal of Audiology</i> , 2009, 48, 582-593. | 0.9 | 34 |
| 106 | Optimal electrode selection for multi-channel electroencephalogram based detection of auditory steady-state responses. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 254-268. | 0.5 | 17 |
| 107 | Investigating the neural correlates of continuous speech computation with frequency-tagged neuroelectric responses. <i>NeuroImage</i> , 2009, 44, 509-519. | 2.1 | 121 |
| 108 | Steady state and induced auditory gamma deficits in schizophrenia. <i>NeuroImage</i> , 2009, 47, 1711-1719. | 2.1 | 127 |
| 109 | Bone Conduction Auditory Steady State Response: Investigations into Reducing Artifact. <i>Ear and Hearing</i> , 2009, 30, 23-30. | 1.0 | 4 |
| 110 | Effects of Contralateral Noise on 40-Hz and 80-Hz Auditory Steady-State Responses. <i>Ear and Hearing</i> , 2009, 30, 584-589. | 1.0 | 23 |
| 111 | Multiple Auditory Steady State Responses (80-101 Hz): Effects of Ear, Gender, Handedness, Intensity and Modulation Rate. <i>Ear and Hearing</i> , 2009, 30, 100-109. | 1.0 | 28 |
| 112 | Frequency Tuning Curves Derived from Auditory Steady State Evoked Potentials: A Proof-of-Concept Study. <i>Ear and Hearing</i> , 2009, 30, 43-53. | 1.0 | 9 |
| 113 | GABAergic modulation of the 40 Hz auditory steady-state response in a rat model of schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 487. | 1.0 | 49 |
| 114 | Effect of Varying Phase Between Frequency and Amplitude Modulation on Bone Conduction Auditory Steady State Responses. <i>Ear and Hearing</i> , 2010, 31, 815-824. | 1.0 | 4 |
| 115 | Evaluating the Modulation Transfer Function of Auditory Steady State Responses in the 65 Hz to 120 Hz Range. <i>Ear and Hearing</i> , 2010, 31, 667-678. | 1.0 | 18 |
| 117 | Comparison of pure tone audiometry and auditory steady-state responses in subjects with normal hearing and hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 43-49. | 0.8 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 118 | Electrically Evoked Auditory Steady State Responses in Cochlear Implant Users. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2010, 11, 267-282. | 0.9 | 72 |
| 119 | Bottom-up driven involuntary attention modulates auditory signal in noise processing. <i>BMC Neuroscience</i> , 2010, 11, 156. | 0.8 | 11 |
| 120 | Semantic and acoustic analysis of speech by functional networks with distinct time scales. <i>Brain Research</i> , 2010, 1346, 132-144. | 1.1 | 15 |
| 121 | Temporal dynamics of sinusoidal and non-sinusoidal amplitude modulation. <i>European Journal of Neuroscience</i> , 2010, 32, 1599-1607. | 1.2 | 17 |
| 122 | Auditory steady state response in bipolar disorder: relation to clinical state, cognitive performance, medication status, and substance disorders. <i>Bipolar Disorders</i> , 2010, 12, 793-803. | 1.1 | 72 |
| 123 | Age-Related Differences in Auditory Processing as Assessed by Amplitude-Modulation Following Responses in Quiet and in Noise. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 152. | 1.7 | 49 |
| 124 | Stochastic Resonance Modulates Neural Synchronization within and between Cortical Sources. <i>PLoS ONE</i> , 2010, 5, e14371. | 1.1 | 84 |
| 125 | Auditory Steady-State Evoked Responses for Preterm and Term Neonates. <i>Audiology and Neuro-Otology</i> , 2010, 15, 97-110. | 0.6 | 26 |
| 126 | Latencies of Auditory Steady-State Responses Recorded in Early Infancy. <i>Audiology and Neuro-Otology</i> , 2010, 15, 116-127. | 0.6 | 15 |
| 127 | Auditory steady state response in auditory neuropathy. <i>Journal of Laryngology and Otology</i> , 2010, 124, 950-956. | 0.4 | 8 |
| 128 | The effects of a second stimulus on the auditory steady state response (ASSR) from the inferior colliculus of the chinchilla. <i>International Journal of Audiology</i> , 2010, 49, 561-573. | 0.9 | 5 |
| 129 | Listening to tailor-made notched music reduces tinnitus loudness and tinnitus-related auditory cortex activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1207-1210. | 3.3 | 219 |
| 130 | Auditory Brain Stem Responses Evoked by Different Chirps Based on Different Delay Models. <i>Journal of the American Academy of Audiology</i> , 2010, 21, 452-460. | 0.4 | 30 |
| 131 | Psychophysical and electrophysiological aerial audiograms of a Steller sea lion (<i>Eumetopias jubatus</i>). <i>Journal of the Acoustical Society of America</i> , 2010, 127, 2692-2701. | 0.5 | 33 |
| 132 | Multiple-ASSR Thresholds in Infants and Young Children with Hearing Loss. <i>Journal of the American Academy of Audiology</i> , 2010, 21, 535-545. | 0.4 | 43 |
| 134 | A comparison of auditory evoked potentials to acoustic beats and to binaural beats. <i>Hearing Research</i> , 2010, 262, 34-44. | 0.9 | 64 |
| 135 | Determination and evaluation of clinically efficient stopping criteria for the multiple auditory steady-state response technique. <i>Clinical Neurophysiology</i> , 2010, 121, 1267-1278. | 0.7 | 20 |
| 136 | Auditory steady-state responses to 40-Hz click trains: Relationship to middle latency, gamma band and beta band responses studied with deconvolution. <i>Clinical Neurophysiology</i> , 2010, 121, 1540-1550. | 0.7 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 137 | Interaction among the components of multiple auditory steady-state responses: enhancement in tinnitus patients, inhibition in controls. <i>Neuroscience</i> , 2010, 167, 540-553. | 1.1 | 38 |
| 138 | Treatment of Age-Related Hearing Loss in Dogs with the Vibrant Soundbridge Middle Ear Implant: Short-Term Results in 3 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 557-564. | 0.6 | 9 |
| 140 | Spatiotemporal reconstruction of the auditory steady-state response to frequency modulation using magnetoencephalography. <i>NeuroImage</i> , 2010, 49, 745-758. | 2.1 | 29 |
| 141 | Source stability index: A novel beamforming based localisation metric. <i>NeuroImage</i> , 2010, 49, 1385-1397. | 2.1 | 26 |
| 142 | Abnormalities of Neuronal Oscillations and Temporal Integration to Low- and High-Frequency Auditory Stimulation in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 989-996. | 0.7 | 132 |
| 143 | Stopping Criteria for Averaging the Multiple Auditory Steady-State Response. <i>Acta Otorrinolaringologica (English Edition)</i> , 2011, 62, 173-180. | 0.1 | 7 |
| 144 | Electrophysiological Characterisation of Envelope-Following Responses. <i>Acta Otorrinolaringologica (English Edition)</i> , 2011, 62, 425-431. | 0.1 | 1 |
| 145 | Reduced high and low frequency gamma synchronization in patients with chronic schizophrenia. <i>Schizophrenia Research</i> , 2011, 133, 99-105. | 1.1 | 103 |
| 146 | Potential fMRI correlates of 40-Hz phase locking in primary auditory cortex, thalamus and midbrain. <i>NeuroImage</i> , 2011, 54, 495-504. | 2.1 | 68 |
| 147 | Distraction task rather than focal attention modulates gamma activity associated with auditory steady-state responses (ASSRs). <i>Clinical Neurophysiology</i> , 2011, 122, 1541-1548. | 0.7 | 36 |
| 148 | Detecting the recruitment phenomenon using the auditory steady-state response. <i>Audiology Japan</i> , 2011, 54, 222-229. | 0.1 | 1 |
| 149 | Sensitivity and specificity of auditory steady-state response testing. <i>Clinics</i> , 2011, 66, 87-93. | 0.6 | 5 |
| 150 | Behavioral Bone-Conduction Thresholds for Infants with Normal Hearing. <i>Journal of the American Academy of Audiology</i> , 2011, 22, 081-092. | 0.4 | 22 |
| 151 | The Efficiency of the Single- Versus Multiple-Stimulus Auditory Steady State Responses in Infants. <i>Ear and Hearing</i> , 2011, 32, 349-357. | 1.0 | 22 |
| 152 | Multiple Auditory Steady State Response Thresholds to Bone Conduction Stimuli in Adults With Normal and Elevated Thresholds. <i>Ear and Hearing</i> , 2011, 32, 373-381. | 1.0 | 8 |
| 153 | Using the Auditory Steady State Response to Record Response Amplitude Curves. A Possible Fast Objective Method for Diagnosing Dead Regions. <i>Ear and Hearing</i> , 2011, 32, 485-497. | 1.0 | 2 |
| 154 | Entrainment of Perceptually Relevant Brain Oscillations by Non-Invasive Rhythmic Stimulation of the Human Brain. <i>Frontiers in Psychology</i> , 2011, 2, 170. | 1.1 | 451 |
| 155 | A mutual information analysis of neural coding of speech by low-frequency MEG phase information. <i>Journal of Neurophysiology</i> , 2011, 106, 554-563. | 0.9 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 158 | The Elicitation of Audiovisual Steady-State Responses: Multi-Sensory Signal Congruity and Phase Effects. <i>Brain Topography</i> , 2011, 24, 134-148. | 0.8 | 8 |
| 159 | Classification of selective attention to auditory stimuli: Toward vision-free brain-computer interfacing. <i>Journal of Neuroscience Methods</i> , 2011, 197, 180-185. | 1.3 | 106 |
| 160 | Aerial audiograms of several California sea lions (<i>Zalophus californianus</i>) and Steller sea lions (<i>Eumetopias jubatus</i>) measured using single and multiple simultaneous auditory steady-state response methods. <i>Journal of Experimental Biology</i> , 2011, 214, 1138-1147. | 0.8 | 12 |
| 161 | Auditory steady-state responses in babies with normal hearing and with temporary conductive hearing loss. <i>Audiological Medicine</i> , 2011, 9, 26-32. | 0.4 | 2 |
| 162 | Tuning of the Human Neocortex to the Temporal Dynamics of Attended Events. <i>Journal of Neuroscience</i> , 2011, 31, 3176-3185. | 1.7 | 234 |
| 163 | Clinical Status of the Auditory Steady-State Response in Infants. <i>Seminars in Hearing</i> , 2011, 32, 163-171. | 0.5 | 3 |
| 164 | Hearing threshold estimation using concurrent measurement of distortion product otoacoustic emissions and auditory steady-state responses. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 840-851. | 0.5 | 12 |
| 165 | California sea lion (<i>Zalophus californianus</i>) aerial hearing sensitivity measured using auditory steady-state response and psychophysical methods. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 2298-2306. | 0.5 | 22 |
| 166 | Auditory steady state responses recorded in multitalker babble. <i>International Journal of Audiology</i> , 2011, 50, 86-97. | 0.9 | 6 |
| 167 | Dolphin and sea lion auditory evoked potentials in response to single and multiple swept amplitude tones. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 1038-1048. | 0.5 | 8 |
| 168 | Auditory Steady-State Responses. <i>Journal of the American Academy of Audiology</i> , 2012, 23, 146-170. | 0.4 | 106 |
| 169 | Underwater psychophysical audiogram of a young male California sea lion (<i>Zalophus californianus</i>). <i>Journal of the Acoustical Society of America</i> , 2012, 131, 4182-4187. | 0.5 | 27 |
| 170 | Binaural interaction and the octave illusion. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 1747-1753. | 0.5 | 12 |
| 171 | The Effect of Chronic Cannabinoids on Broadband EEG Neural Oscillations in Humans. <i>Neuropsychopharmacology</i> , 2012, 37, 2184-2193. | 2.8 | 42 |
| 172 | Prediction of aided and unaided audiograms using sound-field auditory steady-state evoked responses. <i>International Journal of Audiology</i> , 2012, 51, 746-753. | 0.9 | 12 |
| 173 | Auditory Steady State Cortical Responses Indicate Deviant Phonemic-Rate Processing in Adults With Dyslexia. <i>Ear and Hearing</i> , 2012, 33, 134-143. | 1.0 | 55 |
| 174 | Simultaneous Acquisition of 80 Hz ASSRs and ABRs From Quasi ASSRs for Threshold Estimation. <i>Ear and Hearing</i> , 2012, 33, 660-671. | 1.0 | 12 |
| 175 | Electrophysiological Measurement of Binaural Beats. <i>Ear and Hearing</i> , 2012, 33, 187-194. | 1.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 176 | Auditory Steady State Responses in Normal-Hearing and Hearing-Impaired Adults. <i>Ear and Hearing</i> , 2012, 33, 267-278. | 1.0 | 22 |
| 177 | Frequency modulation entrains slow neural oscillations and optimizes human listening behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20095-20100. | 3.3 | 344 |
| 178 | Multiple-ASSR Interactions in Adults with Sensorineural Hearing Loss. <i>International Journal of Otolaryngology</i> , 2012, 2012, 1-9. | 1.0 | 14 |
| 180 | Hemispheric Asymmetry of Auditory Steady-State Responses to Monaural and Diotic Stimulation. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 867-876. | 0.9 | 38 |
| 181 | Maturational time course of the envelope following response to amplitude-modulated acoustic signals in rats. <i>International Journal of Audiology</i> , 2012, 51, 309-316. | 0.9 | 13 |
| 182 | The effect of varying stimulus phase between frequency and amplitude modulation on auditory steady-state responses in neonates. <i>International Journal of Audiology</i> , 2012, 51, 116-123. | 0.9 | 2 |
| 183 | Brain-computer interfacing in disorders of consciousness. <i>Brain Injury</i> , 2012, 26, 1510-1522. | 0.6 | 74 |
| 184 | Reduced Glutamate Decarboxylase 65 Protein Within Primary Auditory Cortex Inhibitory Boutons in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 72, 734-743. | 0.7 | 40 |
| 185 | Contralateral white noise attenuates 40-Hz auditory steady-state fields but not N100m in auditory evoked fields. <i>NeuroImage</i> , 2012, 59, 1037-1042. | 2.1 | 21 |
| 186 | Steady-state responses in MEG demonstrate information integration within but not across the auditory and visual senses. <i>NeuroImage</i> , 2012, 60, 1478-1489. | 2.1 | 44 |
| 187 | A crossmodal crossover: Opposite effects of visual and auditory perceptual load on steady-state evoked potentials to irrelevant visual stimuli. <i>NeuroImage</i> , 2012, 61, 1050-1058. | 2.1 | 35 |
| 188 | Maturational Changes in the Human Envelope-following Responses. <i>Acta Otorrinolaringológica (English Edition)</i> , 2012, 63, 258-264. | 0.1 | 7 |
| 189 | Cambios con la edad en la respuesta electrofisiológica de seguimiento a la modulación del estímulo acústico. <i>Acta Otorrinolaringológica Española</i> , 2012, 63, 258-264. | 0.2 | 3 |
| 190 | Augmented gamma band auditory steady-state responses: Support for NMDA hypofunction in schizophrenia. <i>Schizophrenia Research</i> , 2012, 138, 1-7. | 1.1 | 61 |
| 191 | Gamma Band Neural Synchronization Deficits for Auditory Steady State Responses in Bipolar Disorder Patients. <i>PLoS ONE</i> , 2012, 7, e39955. | 1.1 | 84 |
| 192 | Fast Hearing-Threshold Estimation Using Multiple Auditory Steady-State Responses with Narrow-Band Chirps and Adaptive Stimulus Patterns. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7. | 0.8 | 36 |
| 193 | Neural Oscillations in Speech: Don't be Enslaved by the Envelope. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 250. | 1.0 | 72 |
| 194 | Potencial Evocado Auditivo de Estado Estável com estímulo de ruído branco modulado em amplitude em triagem auditiva neonatal. <i>Revista CEFAC: Atualização Científica Em Fonoaudiologia</i> , 2012, 14, 383-389. | 0.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 195 | Improved Electrically Evoked Auditory Steady-State Response Thresholds in Humans. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 573-589. | 0.9 | 48 |
| 196 | Temporary Suppression of Tinnitus by Modulated Sounds. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 561-571. | 0.9 | 60 |
| 197 | Cross-channel amplitude sweeps are crucial to speech intelligibility. <i>Brain and Language</i> , 2012, 120, 406-411. | 0.8 | 0 |
| 198 | Precise mapping of the somatotopic hand area using neuromagnetic steady-state responses. <i>Brain Research</i> , 2012, 1455, 28-39. | 1.1 | 10 |
| 199 | Using multi-stimulus auditory steady state response to predict hearing thresholds in high-risk infants. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 73-79. | 0.8 | 15 |
| 200 | Frequency characteristics of contralateral sound suppression of 40-Hz auditory steady-state response. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 791-797. | 0.8 | 4 |
| 201 | Reliability of Auditory Steady-State Response (ASSR): Comparing Thresholds of Auditory Steady-State Response (ASSR) with Auditory Brainstem Response (ABR) in Children with Severe Hearing Loss. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2013, 65, 604-607. | 0.3 | 16 |
| 202 | White matter lateralization and interhemispheric coherence to auditory modulations in normal reading and dyslexic adults. <i>Neuropsychologia</i> , 2013, 51, 2087-2099. | 0.7 | 49 |
| 203 | Auditory steady state response in sound field. <i>International Journal of Audiology</i> , 2013, 52, 139-143. | 0.9 | 8 |
| 204 | Classification of auditory steady-state responses to speech data. , 2013, , . | | 7 |
| 205 | Detectability of newborn chirp-evoked ABR in the frequency domain at different stimulus rates. <i>International Journal of Audiology</i> , 2013, 52, 698-705. | 0.9 | 7 |
| 206 | Dissociation of psychophysical and EEG steady-state response measures of cross-modal temporal correspondence for amplitude modulated acoustic and vibrotactile stimulation. <i>International Journal of Psychophysiology</i> , 2013, 89, 433-443. | 0.5 | 6 |
| 207 | Phase-Locked Responses to Speech in Human Auditory Cortex are Enhanced During Comprehension. <i>Cerebral Cortex</i> , 2013, 23, 1378-1387. | 1.6 | 469 |
| 208 | MK-801 disrupts and nicotine augments 40ÂHz auditory steady state responses in the auditory cortex of the urethane-anesthetized rat. <i>Neuropharmacology</i> , 2013, 73, 1-9. | 2.0 | 41 |
| 209 | Steady state responses to temporally congruent and incongruent auditory and vibrotactile amplitude modulated stimulation. <i>International Journal of Psychophysiology</i> , 2013, 89, 419-432. | 0.5 | 6 |
| 210 | Air-bone gap estimated with multiple auditory steady-state response in young children with otitis media with effusion. <i>Auris Nasus Larynx</i> , 2013, 40, 534-538. | 0.5 | 8 |
| 211 | Sound envelope encoding in the auditory cortex revealed by neuromagnetic responses in the theta to gamma frequency bands. <i>Brain Research</i> , 2013, 1506, 64-75. | 1.1 | 22 |
| 212 | Sorted averaging improves quality of auditory steady-state responses. <i>Journal of Neuroscience Methods</i> , 2013, 216, 28-32. | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 213 | Syllabic (~ 42 – 5 Hz) and fluctuation (~ 41 – 10 Hz) ranges in speech and auditory processing. <i>Hearing Research</i> , 2013, 305, 113-134. | 0.9 | 62 |
| 214 | Closed eyes condition increases auditory brain responses in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 183-185. | 0.9 | 11 |
| 215 | Representations of the temporal envelope of sounds in human auditory cortex: Can the results from invasive intracortical depth electrode recordings be replicated using non-invasive MEG virtual electrodes?. <i>NeuroImage</i> , 2013, 64, 185-196. | 2.1 | 23 |
| 216 | Synchronization of beta and gamma oscillations in the somatosensory evoked neuromagnetic steady-state response. <i>Experimental Neurology</i> , 2013, 245, 40-51. | 2.0 | 36 |
| 217 | Predictive value of hearing assessment by the auditory brainstem response following universal newborn hearing screening. <i>International Journal of Audiology</i> , 2013, 52, 500-506. | 0.9 | 7 |
| 218 | Using the auditory steady-state response to assess temporal dynamics of hearing sensitivity during bottlenose dolphin echolocation. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3913-3917. | 0.5 | 3 |
| 219 | Intra and intersubject variability in auditory steady-state response amplitude with high modulation rates to 1000 Hz amplitude modulated and tone pip stimuli. <i>International Journal of Audiology</i> , 2013, 52, 507-512. | 0.9 | 1 |
| 220 | Envelope Following Responses Elicited by English Sentences. <i>Ear and Hearing</i> , 2013, 34, 637-650. | 1.0 | 31 |
| 221 | Monotic Versus Dichotic Multiple-Stimulus Auditory Steady State Responses in Young Children. <i>Ear and Hearing</i> , 2013, 34, 680-682. | 1.0 | 7 |
| 222 | Brainstem Auditory Responses to Resolved and Unresolved Harmonics of a Synthetic Vowel in Quiet and Noise. <i>Ear and Hearing</i> , 2013, 34, 63-74. | 1.0 | 35 |
| 223 | Automated auditory response detection: Improvement of the statistical test strategy. <i>International Journal of Audiology</i> , 2013, 52, 861-864. | 0.9 | 11 |
| 224 | Review of neurophysiological findings in patients with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2013, 67, 461-470. | 1.0 | 65 |
| 225 | Neuromagnetic auditory steady state response to chords: Effect of frequency ratio. , 2013, 2013, 4418-21. | | 1 |
| 226 | Inner ear dysfunction in myotonic dystrophy type 1. <i>Acta Neurologica Scandinavica</i> , 2013, 127, 337-343. | 1.0 | 8 |
| 227 | Oscillatory Phase Dynamics in Neural Entrainment Underpin Illusory Percepts of Time. <i>Journal of Neuroscience</i> , 2013, 33, 15799-15809. | 1.7 | 47 |
| 228 | Role of clinical neurophysiology in hearing disorders and its relation to behavioral audiometric data. The lesson from auditory neuropathy spectrum disorders. <i>Handbook of Clinical Neurophysiology</i> , 2013, , 301-314. | 0.0 | 0 |
| 229 | Assessment of hearing in infants and children. <i>Handbook of Clinical Neurophysiology</i> , 2013, , 271-297. | 0.0 | 1 |
| 230 | Steady-state auditory evoked responses. <i>Handbook of Clinical Neurophysiology</i> , 2013, 10, 155-176. | 0.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 231 | The impact of stimulation rates in vestibular evoked myogenic potential testing. Brazilian Journal of Otorhinolaryngology, 2013, 79, 594-598. | 0.4 | 2 |
| 232 | Objective Response Detection of Multiple Auditory Steady-State Responses: Rice Detector vs Component Synchrony Measure. Journal of Physics: Conference Series, 2013, 477, 012031. | 0.3 | 1 |
| 233 | Distinct Features of Auditory Steady-State Responses as Compared to Transient Event-Related Potentials. PLoS ONE, 2013, 8, e69164. | 1.1 | 25 |
| 234 | Suppression of competing speech through entrainment of cortical oscillations. Journal of Neurophysiology, 2013, 109, 3082-3093. | 0.9 | 144 |
| 235 | Potencial miogênico evocado vestibular e suas implicações no domínio das frequências. Audiology: Communication Research, 2013, 18, 245-249. | 0.1 | 1 |
| 236 | Auditory steady state response in hearing assessment in infants with cytomegalovirus. Revista Paulista De Pediatria, 2013, 31, 550-553. | 0.4 | 8 |
| 237 | The auditory steady-state response (ASSR). Supplements To Clinical Neurophysiology, 2013, 62, 101-112. | 2.1 | 138 |
| 238 | Seeing the Song: Left Auditory Structures May Track Auditory-Visual Dynamic Alignment. PLoS ONE, 2013, 8, e77201. | 1.1 | 4 |
| 239 | Dissociable Neural Response Signatures for Slow Amplitude and Frequency Modulation in Human Auditory Cortex. PLoS ONE, 2013, 8, e78758. | 1.1 | 11 |
| 240 | Post-stimulus endogenous and exogenous oscillations are differentially modulated by task difficulty. Frontiers in Human Neuroscience, 2013, 7, 9. | 1.0 | 19 |
| 241 | The influence of visuospatial attention on unattended auditory 40 Hz responses. Frontiers in Human Neuroscience, 2013, 7, 370. | 1.0 | 19 |
| 242 | Neurophysiological findings in patients with bipolar disorder. Supplements To Clinical Neurophysiology, 2013, 62, 197-206. | 2.1 | 32 |
| 243 | Test-Retest Reliability of the 40 Hz EEG Auditory Steady-State Response. PLoS ONE, 2014, 9, e85748. | 1.1 | 60 |
| 244 | Effects of Contralateral Noise on the 20-Hz Auditory Steady State Response - Magnetoencephalography Study. PLoS ONE, 2014, 9, e99457. | 1.1 | 13 |
| 245 | Attentional Modulation of Auditory Steady-State Responses. PLoS ONE, 2014, 9, e110902. | 1.1 | 20 |
| 246 | The Utility of Electromagnetic Activity Measures in Obsessive Compulsive Disorder and Schizophrenia. , 0, . . | | 0 |
| 247 | Brain state-dependent abnormal LFP activity in the auditory cortex of a schizophrenia mouse model. Frontiers in Neuroscience, 2014, 8, 168. | 1.4 | 58 |
| 248 | Measuring auditory selective attention using frequency tagging. Frontiers in Integrative Neuroscience, 2014, 8, 6. | 1.0 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 249 | Avances en corteza auditiva. Revista De Otorrinolaringología Y Cirugía De Cabeza Y Cuello, 2014, 74, 249-258. | 0.0 | 1 |
| 250 | Envelope responses in single-trial EEG indicate attended speaker in a "cocktail party"™. Journal of Neural Engineering, 2014, 11, 046015. | 1.8 | 66 |
| 251 | The Application of Electro- and Magneto-Encephalography in Tinnitus Research – Methods and Interpretations. Frontiers in Neurology, 2014, 5, 228. | 1.1 | 51 |
| 252 | Hemispheric Asymmetry in Auditory Processing of Speech Envelope Modulations in Prereading Children. Journal of Neuroscience, 2014, 34, 1523-1529. | 1.7 | 57 |
| 253 | Low-Frequency Neural Oscillations Support Dynamic Attending in Temporal Context. Timing and Time Perception, 2014, 2, 62-86. | 0.4 | 107 |
| 254 | Loudness modulation after transient and permanent hearing loss: Implications for tinnitus and hyperacusis. Neuroscience, 2014, 283, 64-77. | 1.1 | 13 |
| 255 | Viability of Intraoperative Auditory Steady State Responses During Intracranial Surgery. Journal of Clinical Neurophysiology, 2014, 31, 344-351. | 0.9 | 5 |
| 256 | Human Neuromagnetic Steady-State Responses to Amplitude-Modulated Tones, Speech, and Music. Ear and Hearing, 2014, 35, 461-467. | 1.0 | 22 |
| 257 | Predicting Hearing Thresholds in Occupational Noise-Induced Hearing Loss by Auditory Steady State Responses. Ear and Hearing, 2014, 35, 330-338. | 1.0 | 14 |
| 258 | Comparisons of Auditory Steady State Response and Behavioral Air Conduction and Bone Conduction Thresholds for Infants and Adults With Normal Hearing. Ear and Hearing, 2014, 35, 423-439. | 1.0 | 19 |
| 259 | Positive auditory cortical responses in patients with absent brainstem response. Clinical Neurophysiology, 2014, 125, 148-153. | 0.7 | 6 |
| 260 | Rapid acquisition of auditory subcortical steady state responses using multichannel recordings. Clinical Neurophysiology, 2014, 125, 1878-1888. | 0.7 | 46 |
| 261 | Representation of frequency-modulated sounds in the human brain. Hearing Research, 2014, 307, 74-85. | 0.9 | 17 |
| 262 | Aerial hearing thresholds and detection of hearing loss in male California sea lions (<i>Zalophus</i>). <i>Journal of Experimental Biology</i> , 2014, 277, 107-114. | 0.9 | 8 |
| 263 | Finding brain oscillations with power dependencies in neuroimaging data. NeuroImage, 2014, 96, 334-348. | 2.1 | 40 |
| 264 | Exploring how musical rhythm entrains brain activity with electroencephalogram frequency-tagging. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130393. | 1.8 | 131 |
| 265 | Disrupted Gamma-Band Neural Oscillations During Coherent Motion Perception in Heavy Cannabis Users. Neuropsychopharmacology, 2014, 39, 3087-3099. | 2.8 | 23 |
| 266 | Entrained neural oscillations in multiple frequency bands comodulate behavior. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14935-14940. | 3.3 | 183 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 267 | 40-Hz multiple auditory steady-state responses to narrow-band chirps in sedated and anaesthetized infants. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 762-768. | 0.4 | 28 |
| 268 | Visual and Auditory Brain-Computer Interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1436-1447. | 2.5 | 350 |
| 269 | Analytical methods and experimental approaches for electrophysiological studies of brain oscillations. <i>Journal of Neuroscience Methods</i> , 2014, 228, 57-66. | 1.3 | 63 |
| 270 | SPoC: A novel framework for relating the amplitude of neuronal oscillations to behaviorally relevant parameters. <i>NeuroImage</i> , 2014, 86, 111-122. | 2.1 | 95 |
| 271 | Prediction of frequency-specific hearing threshold using chirp auditory brainstem response in infants with hearing losses. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 812-816. | 0.4 | 15 |
| 272 | Age-Related Changes in the Relationship Between Auditory Brainstem Responses and Envelope-Following Responses. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2014, 15, 649-661. | 0.9 | 56 |
| 273 | èœ€Šă@šă,ăă;œœœœÿ» (ASSR) ä*äã@æ»ç””ä«äã,ăł. <i>Journal of Otolaryngology of Japan</i> , 2015, 118, 1250-1251. | 0.1 | 2 |
| 274 | Noise-induced hearing loss in marine mammals: A review of temporary threshold shift studies from 1996 to 2015. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 1702-1726. | 0.5 | 129 |
| 275 | Loudness Adaptation with Modulated Stimuli. <i>Acta Acustica United With Acustica</i> , 2015, 101, 1073-1082. | 0.8 | 4 |
| 276 | Objective measures in cochlear implanted patients: A computational framework to evaluate artifact rejection methodologies. , 2015, , . | | 0 |
| 277 | Transient and Steady State Auditory Responses With Direct Acoustic Cochlear Stimulation. <i>Ear and Hearing</i> , 2015, 36, 320-329. | 1.0 | 9 |
| 278 | Evaluation of noise-induced hearing loss by auditory steady-state and auditory brainstem-evoked responses. <i>Clinical Otolaryngology</i> , 2015, 40, 672-681. | 0.6 | 6 |
| 279 | A Comparison of Two Objective Measures of Binaural Processing. <i>Trends in Hearing</i> , 2015, 19, 233121651561903. | 0.7 | 15 |
| 280 | Evaluation of Speech-Evoked Envelope Following Responses as an Objective Aided Outcome Measure. <i>Ear and Hearing</i> , 2015, 36, 635-652. | 1.0 | 47 |
| 281 | Phencyclidine Disrupts the Auditory Steady State Response in Rats. <i>PLoS ONE</i> , 2015, 10, e0134979. | 1.1 | 30 |
| 282 | Auditory Beat Stimulation and its Effects on Cognition and Mood States. <i>Frontiers in Psychiatry</i> , 2015, 6, 70. | 1.3 | 73 |
| 283 | Simulation on the Comparison of Steady-State Responses Synthesized by Transient Templates Based on Superposition Hypothesis. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-10. | 0.7 | 3 |
| 284 | A spatial coherence-based vision-free brain-computer interface using auditory selective attention. <i>Medical Express</i> , 2015, 2, . | 0.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 285 | Effects of multiple impulses from a seismic air gun on bottlenose dolphin hearing and behavior. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 1634-1646. | 0.5 | 30 |
| 286 | Habituation of Auditory Steady State Responses Evoked by Amplitudemodulated Acoustic Signals in Rats. <i>Audiology Research</i> , 2015, 5, 113. | 0.8 | 11 |
| 287 | Optimal spatial filtering for auditory steady-state response detection using high-density EEG. , 2015, , . | | 5 |
| 288 | Effect of Stimulus Level and Bandwidth on Speech-Evoked Envelope Following Responses in Adults With Normal Hearing. <i>Ear and Hearing</i> , 2015, 36, 619-634. | 1.0 | 28 |
| 289 | The Effect of Advancing Age on Auditory Middle- and Long-Latency Evoked Potentials Using a Steady-State-Response Approach. <i>American Journal of Audiology</i> , 2015, 24, 494-507. | 0.5 | 15 |
| 290 | Frequency-modulated steady-state visual evoked potentials: A new stimulation method for brain-computer interfaces. <i>Journal of Neuroscience Methods</i> , 2015, 241, 1-9. | 1.3 | 50 |
| 291 | Network Analysis of Functional Brain Connectivity Driven by Gamma-Band Auditory Steady-State Response in Auditory Hallucinations. <i>Journal of Medical and Biological Engineering</i> , 2015, 35, 45-51. | 1.0 | 16 |
| 292 | Individual Differences Reveal Correlates of Hidden Hearing Deficits. <i>Journal of Neuroscience</i> , 2015, 35, 2161-2172. | 1.7 | 261 |
| 293 | MEG-measured auditory steady-state oscillations show high test-retest reliability: A sensor and source-space analysis. <i>NeuroImage</i> , 2015, 122, 417-426. | 2.1 | 62 |
| 294 | Stimulus train duration but not attention moderates β -band entrainment abnormalities in schizophrenia. <i>Schizophrenia Research</i> , 2015, 165, 97-102. | 1.1 | 42 |
| 295 | Detecting tones in complex auditory scenes. <i>NeuroImage</i> , 2015, 122, 203-213. | 2.1 | 28 |
| 296 | Evidence against attentional state modulating scalp-recorded auditory brainstem steady-state responses. <i>Brain Research</i> , 2015, 1626, 146-164. | 1.1 | 69 |
| 297 | Electrical Brain Responses to an Auditory Illusion and the Impact of Musical Expertise. <i>PLoS ONE</i> , 2015, 10, e0129486. | 1.1 | 24 |
| 298 | Assessing temporal modulation sensitivity using electrically evoked auditory steady state responses. <i>Hearing Research</i> , 2015, 324, 37-45. | 0.9 | 22 |
| 299 | Disruption of the auditory response to a regular click train by a single, extra click. <i>Experimental Brain Research</i> , 2015, 233, 1875-1892. | 0.7 | 7 |
| 300 | Auditory steady-state responses in school-aged children: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 13. | 2.4 | 13 |
| 301 | Evolutionary adaptations for the temporal processing of natural sounds by the anuran peripheral auditory system. <i>Journal of Experimental Biology</i> , 2015, 218, 837-48. | 0.8 | 11 |
| 302 | The 40-Hz auditory steady-state response: a selective biomarker for cortical NMDA function. <i>Annals of the New York Academy of Sciences</i> , 2015, 1344, 27-36. | 1.8 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 303 | Auditory temporal resolution is linked to resonance frequency of the auditory cortex. <i>International Journal of Psychophysiology</i> , 2015, 98, 1-7. | 0.5 | 44 |
| 304 | A lower limb exoskeleton control system based on steady state visual evoked potentials. <i>Journal of Neural Engineering</i> , 2015, 12, 056009. | 1.8 | 163 |
| 306 | Phase coherence of auditory steady-state response reflects the amount of cognitive workload in a modified N-back task. <i>Neuroscience Research</i> , 2015, 100, 39-45. | 1.0 | 26 |
| 307 | Intracranial electroencephalography power and phase synchronization changes during monaural and binaural beat stimulation. <i>European Journal of Neuroscience</i> , 2015, 41, 254-263. | 1.2 | 60 |
| 308 | Aging Affects Neural Synchronization to Speech-Related Acoustic Modulations. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 133. | 1.7 | 80 |
| 309 | 40-Hz oscillations underlying perceptual binding in young and older adults. <i>Psychophysiology</i> , 2016, 53, 974-990. | 1.2 | 15 |
| 310 | Short-term enhancement and suppression of dolphin auditory evoked responses following echolocation click emission. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 296-307. | 0.5 | 5 |
| 311 | Concurrent measures of contralateral suppression of transient-evoked otoacoustic emissions and of auditory steady-state responses. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2027-2038. | 0.5 | 17 |
| 312 | Vocal sequences suppress spiking in the bat auditory cortex while evoking concomitant steady-state local field potentials. <i>Scientific Reports</i> , 2016, 6, 39226. | 1.6 | 27 |
| 313 | A prolonged maturational time course in brain development for cortical processing of temporal modulations. <i>Clinical Neurophysiology</i> , 2016, 127, 994-998. | 0.7 | 0 |
| 314 | Top-cited articles of the last 30 years (1985-2014) in otolaryngology - head and neck surgery. <i>Journal of Laryngology and Otology</i> , 2016, 130, 121-127. | 0.4 | 21 |
| 315 | Fiabilidad de los potenciales evocados auditivos de estado estable en la fase diagn3stica del cribado neonatal universal de la hipoacusia. <i>Acta Otorrinolaringol3gica Espa3ola</i> , 2016, 67, 193-200. | 0.2 | 2 |
| 316 | Brain-computer interfaces for patients with disorders of consciousness. <i>Progress in Brain Research</i> , 2016, 228, 241-291. | 0.9 | 20 |
| 317 | 25th Annual Computational Neuroscience Meeting: CNS-2016. <i>BMC Neuroscience</i> , 2016, 17, 54. | 0.8 | 81 |
| 318 | The 40-Hz Auditory Steady-State Response in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 1145. | 6.0 | 228 |
| 319 | Neural Representation of Interaural Time Differences in Humans-an Objective Measure that Matches Behavioural Performance. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2016, 17, 591-607. | 0.9 | 22 |
| 320 | Auditory-steady-state Response Reliability in the Audiological Diagnosis After Neonatal Hearing Screening. <i>Acta Otorrinolaringologica (English Edition)</i> , 2016, 67, 193-200. | 0.1 | 2 |
| 321 | Effect of attention on 40 Hz auditory steady-state response depends on the stimulation type: Flutter amplitude modulated tones versus clicks. <i>Neuroscience Letters</i> , 2016, 629, 215-220. | 1.0 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 322 | The Role of Electrophysiological Testing in Pediatric Cochlear Implantation. , 2016, , 123-142. | | 2 |
| 323 | Estimating audiometric thresholds using simultaneous acquisition of ASSR and ABR from QASSR in patients with sensorineural hearing loss. International Journal of Audiology, 2016, 55, 748-757. | 0.9 | 3 |
| 324 | Assessment of frequency specific auditory steady-state response using amplitude modulation with 2-order exponential envelope. , 2016, 2016, 3414-3117. | | 1 |
| 325 | Smart Helmet: Wearable Multichannel ECG and EEG. IEEE Journal of Translational Engineering in Health and Medicine, 2016, 4, 1-11. | 2.2 | 66 |
| 326 | 33 Audiologic Assessment and Management of Children With Cleft Palate. , 2016, , . | | 0 |
| 327 | Deficits in the 30-Hz auditory steady-state response in patients with major depressive disorder. NeuroReport, 2016, 27, 1147-1152. | 0.6 | 13 |
| 329 | An auditory steady state response detection method via quadrature matched filter. , 2016, , . | | 2 |
| 330 | Altered resonance properties of somatosensory responses in mice deficient for the schizophrenia risk gene Neuregulin 1. Brain Structure and Function, 2016, 221, 4383-4398. | 1.2 | 4 |
| 331 | Comparing auditory steady-state responses amplitude evoked by simultaneous air- and bone-conducted stimulation in newborns. International Journal of Audiology, 2016, 55, 375-379. | 0.9 | 0 |
| 332 | Electrophysiological and psychophysical asymmetries in sensitivity to interaural correlation gaps and implications for binaural integration time. Hearing Research, 2016, 332, 170-187. | 0.9 | 2 |
| 333 | Detection efficiency of auditory steady state evoked by modulated noise. Hearing Research, 2016, 339, 125-131. | 0.9 | 10 |
| 334 | Loss of auditory sensitivity from inner hair cell synaptopathy can be centrally compensated in the young but not old brain. Neurobiology of Aging, 2016, 44, 173-184. | 1.5 | 104 |
| 335 | Dual temporal encoding mechanisms in human auditory cortex: Evidence from MEG and EEG. NeuroImage, 2016, 128, 32-43. | 2.1 | 15 |
| 336 | Differentiation between major depressive disorder and bipolar disorder by auditory steady-state responses. Journal of Affective Disorders, 2016, 190, 800-806. | 2.0 | 76 |
| 337 | Auditory steady-state responses in cochlear implant users: Effect of modulation frequency and stimulation artifacts. Hearing Research, 2016, 335, 149-160. | 0.9 | 39 |
| 338 | Frequency characteristics of neuromagnetic auditory steady-state responses to sinusoidally amplitude-modulated sweep tones. Clinical Neurophysiology, 2016, 127, 790-802. | 0.7 | 1 |
| 339 | Clinical Applications of Magnetoencephalography. , 2016, , . | | 5 |
| 340 | Cholinergic modulation of auditory steady-state response in the auditory cortex of the freely moving rat. Neuroscience, 2016, 324, 29-39. | 1.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 341 | It's All in the Rhythm: The Role of Cannabinoids in Neural Oscillations and Psychosis. <i>Biological Psychiatry</i> , 2016, 79, 568-577. | 0.7 | 54 |
| 342 | Narrow band CE-Chirp auditory steady-state response is more reliable than the conventional ASSR in predicting the behavioral hearing threshold. <i>Auris Nasus Larynx</i> , 2016, 43, 259-268. | 0.5 | 22 |
| 343 | Phase-locking index and power of 40-Hz auditory steady-state response are not related to major personality trait dimensions. <i>Experimental Brain Research</i> , 2016, 234, 711-719. | 0.7 | 9 |
| 344 | Sound envelope processing in the developing human brain: A MEG study. <i>Clinical Neurophysiology</i> , 2016, 127, 1206-1215. | 0.7 | 18 |
| 345 | The importance of individual frequencies of endogenous brain oscillations for auditory cognition – A short review. <i>Brain Research</i> , 2016, 1640, 243-250. | 1.1 | 21 |
| 346 | Towards an optimal paradigm for intraoperative auditory nerve monitoring with auditory steady state responses. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 123-134. | 0.7 | 4 |
| 347 | Spatiotemporal reconstruction of auditory steady-state responses to acoustic amplitude modulations: Potential sources beyond the auditory pathway. <i>NeuroImage</i> , 2017, 148, 240-253. | 2.1 | 70 |
| 348 | The accuracy of objective threshold determination at low frequencies: comparison of different auditory brainstem response (ABR) and auditory steady state response (ASSR) methods. <i>International Journal of Audiology</i> , 2017, 56, 337-345. | 0.9 | 8 |
| 349 | Online neural monitoring of statistical learning. <i>Cortex</i> , 2017, 90, 31-45. | 1.1 | 99 |
| 350 | Auditory processing assessment suggests that Wistar audiogenic rat neural networks are prone to entrainment. <i>Neuroscience</i> , 2017, 347, 48-56. | 1.1 | 11 |
| 351 | 40 Hz auditory steady-state responses in patients with disorders of consciousness: Correlation between phase-locking index and Coma Recovery Scale-Revised score. <i>Clinical Neurophysiology</i> , 2017, 128, 799-806. | 0.7 | 25 |
| 352 | Calibration of brief stimuli for the recording of evoked responses from the human auditory pathway. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 466-474. | 0.5 | 7 |
| 353 | Differences in postinjury auditory system pathophysiology after mild blast and nonblast acute acoustic trauma. <i>Journal of Neurophysiology</i> , 2017, 118, 782-799. | 0.9 | 34 |
| 354 | Desynchronisation of auditory steady-state responses related to changes in interaural phase differences: an objective measure of binaural hearing. <i>International Journal of Audiology</i> , 2017, 56, 464-471. | 0.9 | 8 |
| 356 | Auditory fear conditioning modifies steady-state evoked potentials in the rat inferior colliculus. <i>Journal of Neurophysiology</i> , 2017, 118, 1012-1020. | 0.9 | 9 |
| 357 | Source analysis of auditory steady-state responses in acoustic and electric hearing. <i>NeuroImage</i> , 2017, 147, 568-576. | 2.1 | 47 |
| 358 | Binaural Interaction Effects of 30-50 Hz Auditory Steady State Responses. <i>Ear and Hearing</i> , 2017, 38, e305-e315. | 1.0 | 22 |
| 359 | Rhythmic Modulation of Entrained Auditory Oscillations by Visual Inputs. <i>Brain Topography</i> , 2017, 30, 565-578. | 0.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 360 | Auditory Brainstem and Middle Latency Responses Measured Pre- and Posttreatment for Hyperacusic Hearing-Impaired Persons Successfully Treated to Improve Sound Tolerance and to Expand the Dynamic Range for Loudness: Case Evidence. <i>Seminars in Hearing</i> , 2017, 38, 071-093. | 0.5 | 4 |
| 361 | Music and natural sounds in an auditory steady-state response based brain-computer interface to increase user acceptance. <i>Computers in Biology and Medicine</i> , 2017, 84, 45-52. | 3.9 | 26 |
| 362 | Evaluation of Hearing Sensitivity in Young Adults With Normal Hearing Using a 40-Hz Auditory Steady-State Response With CE-Chirp. <i>American Journal of Audiology</i> , 2017, 26, 99-109. | 0.5 | 4 |
| 363 | Theta Phase Synchronization Is the Glue that Binds Human Associative Memory. <i>Current Biology</i> , 2017, 27, 3143-3148.e6. | 1.8 | 124 |
| 364 | Linear combination of auditory steady-state responses evoked by co-modulated tones. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL395-EL400. | 0.5 | 5 |
| 365 | Binaural Beat Stimulation. , 2017, , 167-181. | | 3 |
| 366 | Use of eye tracking improves the detection of evoked responses to complex visual stimuli during EEG in infants. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 81-90. | 0.6 | 4 |
| 367 | The impact of hearing aids and age-related hearing loss on auditory plasticity across three months – An electrical neuroimaging study. <i>Hearing Research</i> , 2017, 353, 162-175. | 0.9 | 42 |
| 368 | Age-related changes in envelope-following responses at equalized peripheral or central activation. <i>Neurobiology of Aging</i> , 2017, 58, 191-200. | 1.5 | 23 |
| 369 | Improving the detection of evoked responses to periodic stimulation by using bivariate local spectral F-test – Application to EEG during photic stimulation. <i>Medical Engineering and Physics</i> , 2017, 48, 176-180. | 0.8 | 7 |
| 370 | A New Method to Test the Efficiency of Cochlear Implant Artifacts Removal From Auditory Evoked Potentials. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 2453-2460. | 2.7 | 4 |
| 371 | A machine learning approach for automated wide-range frequency tagging analysis in embedded neuromonitoring systems. <i>Methods</i> , 2017, 129, 96-107. | 1.9 | 8 |
| 373 | Atypical neural synchronization to speech envelope modulations in dyslexia. <i>Brain and Language</i> , 2017, 164, 106-117. | 0.8 | 48 |
| 374 | Ageing affects dual encoding of periodicity and envelope shape in rat inferior colliculus neurons. <i>European Journal of Neuroscience</i> , 2017, 45, 299-311. | 1.2 | 38 |
| 375 | Intraoperative auditory steady-state monitoring during surgery in the cerebellopontine angle for estimation of postoperative hearing classes. <i>Journal of Neurosurgery</i> , 2017, 127, 559-568. | 0.9 | 7 |
| 376 | An Association between Auditory-Visual Synchrony Processing and Reading Comprehension: Behavioral and Electrophysiological Evidence. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 435-447. | 1.1 | 1 |
| 377 | Template Subtraction to Remove CI Stimulation Artifacts in Auditory Steady-State Responses in CI Subjects. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1322-1331. | 2.7 | 14 |
| 378 | Characterization of cochlear implant artifacts in electrically evoked auditory steady-state responses. <i>Biomedical Signal Processing and Control</i> , 2017, 31, 127-138. | 3.5 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 379 | 10 Hz Amplitude Modulated Sounds Induce Short-Term Tinnitus Suppression. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 130. | 1.7 | 27 |
| 380 | Improved Transient Response Estimations in Predicting 40 Hz Auditory Steady-State Response Using Deconvolution Methods. <i>Frontiers in Neuroscience</i> , 2017, 11, 697. | 1.4 | 6 |
| 381 | Auditory steady state responses and cochlear implants: Modeling the artifact-response mixture in the perspective of denoising. <i>PLoS ONE</i> , 2017, 12, e0174462. | 1.1 | 5 |
| 382 | Physiological artifacts in scalp EEG and ear-EEG. <i>BioMedical Engineering OnLine</i> , 2017, 16, 103. | 1.3 | 48 |
| 383 | Decoding spatial attention with <scp>EEG</scp> and virtual acoustic space. <i>Physiological Reports</i> , 2017, 5, e13512. | 0.7 | 2 |
| 384 | Potencial evocado auditivo de estado estÃ¡vel em frequÃªncias portadoras acima de 4000 Hz. <i>Audiology: Communication Research</i> , 2017, 22, . | 0.1 | 0 |
| 385 | Brain-to-Brain Interaction at a Distance: A Global or Differential Relationship?. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 386 | A Controlled Comparison of Auditory Steady-State Responses and Pure-Tone Audiometry in Patients with Hearing Loss. <i>Ear, Nose and Throat Journal</i> , 2017, 96, E47-E52. | 0.4 | 4 |
| 388 | Did You Listen to the Beat? Auditory Steady-State Responses in the Human Electroencephalogram at 4 and 7ÂHz Modulation Rates Reflect Selective Attention. <i>Brain Topography</i> , 2018, 31, 811-826. | 0.8 | 17 |
| 389 | Differential modulation of the auditory steady state response and inhibitory gating by chloral hydrate anesthesia. <i>Scientific Reports</i> , 2018, 8, 3683. | 1.6 | 16 |
| 390 | Background Suppression and its Relation to Foreground Processing of Speech Versus Non-speech Streams. <i>Neuroscience</i> , 2018, 373, 60-71. | 1.1 | 4 |
| 391 | Cannabinoidâ€“glutamate interactions and neural oscillations: implications for psychosis. <i>European Journal of Neuroscience</i> , 2018, 48, 2890-2902. | 1.2 | 17 |
| 392 | Improving the detection of auditory steady-state responses near 80â€“Hz using multiple magnitude-squared coherence and multichannel electroencephalogram. <i>Biomedical Signal Processing and Control</i> , 2018, 42, 158-161. | 3.5 | 12 |
| 393 | tACS-mediated modulation of the auditory steady-state response as seen with MEG. <i>Hearing Research</i> , 2018, 364, 90-95. | 0.9 | 8 |
| 394 | Global field synchronization of 40â€“Hz auditory steady-state response: Does it change with attentional demands?. <i>Neuroscience Letters</i> , 2018, 674, 127-131. | 1.0 | 2 |
| 395 | Steady-State EEG and Psychophysical Measures of Multisensory Integration to Cross-Modally Synchronous and Asynchronous Acoustic and Vibrotactile Amplitude-Modulation Rate. <i>Multisensory Research</i> , 2018, 31, 391-418. | 0.6 | 5 |
| 396 | Delta Vs Gamma Auditory Steady State Synchrony in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 378-387. | 2.3 | 28 |
| 397 | Optimized auditory transcranial alternating current stimulation improves individual auditory temporal resolution. <i>Brain Stimulation</i> , 2018, 11, 118-124. | 0.7 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 398 | Stability of Auditory Steady State Responses Over Time. <i>Ear and Hearing</i> , 2018, 39, 260-268. | 1.0 | 13 |
| 399 | Dynamic phase alignment of ongoing auditory cortex oscillations. <i>NeuroImage</i> , 2018, 167, 396-407. | 2.1 | 31 |
| 400 | Independent component analysis for cochlear implant artifacts attenuation from electrically evoked auditory steady-state response measurements. <i>Journal of Neural Engineering</i> , 2018, 15, 016006. | 1.8 | 7 |
| 401 | 40ÂHz Auditory Steady-State Response: The Impact of Handedness and Gender. <i>Brain Topography</i> , 2018, 31, 419-429. | 0.8 | 13 |
| 402 | High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep. <i>NeuroImage</i> , 2018, 169, 57-68. | 2.1 | 44 |
| 403 | EEG Frequency-Tagging and Inputâ€“Output Comparison in Rhythm Perception. <i>Brain Topography</i> , 2018, 31, 153-160. | 0.8 | 23 |
| 404 | Ear-EEG-Based Objective Hearing Threshold Estimation Evaluated on Normal Hearing Subjects. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1026-1034. | 2.5 | 36 |
| 405 | Toward EEG-Assisted Hearing Aids: Objective Threshold Estimation Based on Ear-EEG in Subjects With Sensorineural Hearing Loss. <i>Trends in Hearing</i> , 2018, 22, 233121651881620. | 0.7 | 16 |
| 406 | Outcome Prediction by 40-Hz Steady-State Response After Large Hemispheric Infarction. <i>Frontiers in Neurology</i> , 2018, 9, 1093. | 1.1 | 0 |
| 407 | Auditory Steady-State Responses Across Chirp Repetition Rates For Ear-EEG And Scalp EEG. , 2018, 2018, 1376-1379. | | 4 |
| 408 | Validation and Benchmarking of a Wearable EEG Acquisition Platform for Real-World Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2018, 13, 1-1. | 2.7 | 17 |
| 409 | A comprehensive analysis of auditory event-related potentials and network oscillations in an NMDA receptor antagonist mouse model using a novel wireless recording technology. <i>Physiological Reports</i> , 2018, 6, e13782. | 0.7 | 40 |
| 410 | Auditory steady state response deficits are associated with symptom severity and poor functioning in patients with psychotic disorder. <i>Schizophrenia Research</i> , 2018, 201, 278-286. | 1.1 | 47 |
| 411 | Neural Signatures of the Processing of Temporal Patterns in Sound. <i>Journal of Neuroscience</i> , 2018, 38, 5466-5477. | 1.7 | 39 |
| 412 | Masking Differentially Affects Envelope-following Responses in Young and Aged Animals. <i>Neuroscience</i> , 2018, 386, 150-165. | 1.1 | 14 |
| 413 | Neural tracking of the musical beat is enhanced by low-frequency sounds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8221-8226. | 3.3 | 84 |
| 414 | Gamma Band Neural Stimulation in Humans and the Promise of a New Modality to Prevent and Treat Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 363-392. | 1.2 | 63 |
| 415 | Synaptopathy in the Aging Cochlea: Characterizing Early-Neural Deficits in Auditory Temporal Envelope Processing. <i>Journal of Neuroscience</i> , 2018, 38, 7108-7119. | 1.7 | 130 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 416 | Multivariate approach for estimating the local spectral F-test and its application to the EEG during photic stimulation. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 87-91. | 2.6 | 9 |
| 417 | Low and high gamma auditory steady-states in response to 440-Hz carrier chirp-modulated tones show no signs of attentional modulation. <i>Neuroscience Letters</i> , 2018, 678, 104-109. | 1.0 | 4 |
| 418 | Simultaneous acquisition of 40- and 80-Hz auditory steady-state responses for a direct comparison of response amplitude, residual noise and signal-to-noise ratio. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2601-2605. | 0.8 | 3 |
| 419 | Guidelines for Feature Matching Assessment of Brain-Computer Interfaces for Augmentative and Alternative Communication. <i>American Journal of Speech-Language Pathology</i> , 2018, 27, 950-964. | 0.9 | 23 |
| 420 | Musicians at the Cocktail Party: Neural Substrates of Musical Training During Selective Listening in Multispeaker Situations. <i>Cerebral Cortex</i> , 2019, 29, 3253-3265. | 1.6 | 37 |
| 421 | On the loudness of low-frequency sounds with fluctuating amplitudes. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1142-1149. | 0.5 | 4 |
| 422 | Neural indices of listening effort in noisy environments. <i>Scientific Reports</i> , 2019, 9, 11278. | 1.6 | 71 |
| 423 | Neurodevelopment and asymmetry of auditory-related responses to repetitive syllabic stimuli in preterm neonates based on frequency-domain analysis. <i>Scientific Reports</i> , 2019, 9, 10654. | 1.6 | 9 |
| 424 | Speech Auditory Brainstem Responses in Adult Hearing Aid Users: Effects of Aiding and Background Noise, and Prediction of Behavioral Measures. <i>Trends in Hearing</i> , 2019, 23, 233121651984829. | 0.7 | 10 |
| 425 | Auditory steady-state EEG response across the schizo-bipolar spectrum. <i>Schizophrenia Research</i> , 2019, 209, 218-226. | 1.1 | 39 |
| 426 | Early and late auditory information processing show opposing deviations in aniridia. <i>Brain Research</i> , 2019, 1720, 146307. | 1.1 | 7 |
| 427 | A novel EEG paradigm to simultaneously and rapidly assess the functioning of auditory and visual pathways. <i>Journal of Neurophysiology</i> , 2019, 122, 1312-1329. | 0.9 | 10 |
| 428 | 40-Hz auditory steady-state responses and the complex information processing: An exploratory study in healthy young males. <i>PLoS ONE</i> , 2019, 14, e0223127. | 1.1 | 13 |
| 429 | Low- and medium-rate auditory steady-state responses in patients with prolonged disorders of consciousness correlate with Coma Recovery Scale - Revised score. <i>International Journal of Psychophysiology</i> , 2019, 144, 56-62. | 0.5 | 6 |
| 430 | Neural signatures of temporal regularity processing in sounds differ between younger and older adults. <i>Neurobiology of Aging</i> , 2019, 83, 73-85. | 1.5 | 34 |
| 431 | tACS motor system effects can be caused by transcutaneous stimulation of peripheral nerves. <i>Nature Communications</i> , 2019, 10, 266. | 5.8 | 191 |
| 432 | Modulation of phase-locked neural responses to speech during different arousal states is age-dependent. <i>NeuroImage</i> , 2019, 189, 734-744. | 2.1 | 15 |
| 433 | Estimation of auditory steady-state responses based on the averaging of independent EEG epochs. <i>PLoS ONE</i> , 2019, 14, e0206018. | 1.1 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 434 | Validity of correction factors applied to auditory steady-state responses (ASSRs) in normal hearing adults in chartr EP system. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 2171-2180. | 0.8 | 4 |
| 435 | Auditory Steady State Response; nature and utility as a translational science tool. <i>Scientific Reports</i> , 2019, 9, 8454. | 1.6 | 37 |
| 436 | The effect of stimulus envelope shape on the auditory steady-state response. <i>Hearing Research</i> , 2019, 380, 22-34. | 0.9 | 13 |
| 437 | Investigating potential interactions between envelope following responses elicited simultaneously by different vowel formants. <i>Hearing Research</i> , 2019, 380, 35-45. | 0.9 | 13 |
| 439 | Event-related potentials to single-cycle binaural beats and diotic amplitude modulation of a tone. <i>Experimental Brain Research</i> , 2019, 237, 1931-1945. | 0.7 | 5 |
| 440 | Investigating the Effect of Cochlear Synaptopathy on Envelope Following Responses Using a Model of the Auditory Nerve. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019, 20, 363-382. | 0.9 | 48 |
| 441 | Dichotic phase effects on frequency following responses reveal phase variant and invariant harmonic distortion products. <i>Hearing Research</i> , 2019, 380, 84-99. | 0.9 | 5 |
| 442 | Oscillations in cortico-basal ganglia circuits: implications for Parkinson's disease and other neurologic and psychiatric conditions. <i>Journal of Neurophysiology</i> , 2019, 122, 203-231. | 0.9 | 27 |
| 443 | Emotional arousal modifies auditory steady state response in the auditory cortex and prefrontal cortex of rats. <i>Stress</i> , 2019, 22, 492-500. | 0.8 | 9 |
| 444 | Cortical volume and 40-Hz auditory-steady-state responses in patients with schizophrenia and healthy controls. <i>NeuroImage: Clinical</i> , 2019, 22, 101732. | 1.4 | 29 |
| 445 | Comparison of Amplitude Modulated Sounds and Pure Tones at the Tinnitus Frequency: Residual Tinnitus Suppression and Stimulus Evaluation. <i>Trends in Hearing</i> , 2019, 23, 233121651983384. | 0.7 | 18 |
| 446 | Detecting the recruitment phenomenon in adults using 80-Hz auditory steady-state response. <i>Auris Nasus Larynx</i> , 2019, 46, 696-702. | 0.5 | 4 |
| 447 | Enhanced Auditory Steady-State Response Using an Optimized Chirp Stimulus-Evoked Paradigm. <i>Sensors</i> , 2019, 19, 748. | 2.1 | 7 |
| 448 | Contributions of non-primary cortical sources to auditory temporal processing. <i>NeuroImage</i> , 2019, 191, 303-314. | 2.1 | 29 |
| 449 | Comparison of signal preprocessing techniques for avoiding spectral leakage in auditory steady-state responses. <i>Research on Biomedical Engineering</i> , 2019, 35, 251-256. | 1.5 | 3 |
| 450 | Atypical neural processing of rise time by adults with dyslexia. <i>Cortex</i> , 2019, 113, 128-140. | 1.1 | 25 |
| 451 | Age-related Changes in Neural Coding of Envelope Cues: Peripheral Declines and Central Compensation. <i>Neuroscience</i> , 2019, 407, 21-31. | 1.1 | 52 |
| 452 | A comprehensive review of EEG-based brain-computer interface paradigms. <i>Journal of Neural Engineering</i> , 2019, 16, 011001. | 1.8 | 512 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 453 | Low and medium frequency auditory steady-state responses decrease during NREM sleep. <i>International Journal of Psychophysiology</i> , 2019, 135, 44-54. | 0.5 | 16 |
| 454 | Coding-in-Noise Deficits are Not Seen in Responses to Amplitude Modulation in Subjects with cochlear Synaptopathy Induced by a Single Noise Exposure. <i>Neuroscience</i> , 2019, 400, 62-71. | 1.1 | 11 |
| 455 | On the existence of N*(890) resonance in S11 channel of ĩ€N scatterings. <i>Frontiers of Physics</i> , 2019, 14, 1. | 2.4 | 7 |
| 456 | Comparison of thresholds estimation in adults with conductive hearing loss and normal hearing adults using auditory steady state response evoked by narrow band CE-chirps. <i>Hearing, Balance and Communication</i> , 2019, 17, 18-26. | 0.1 | 3 |
| 458 | Relationships between cognitive event-related brain potential measures in patients at clinical high risk for psychosis. <i>Schizophrenia Research</i> , 2020, 226, 84-94. | 1.1 | 31 |
| 459 | Transcranial alternating current stimulation modulates auditory temporal resolution in elderly people. <i>European Journal of Neuroscience</i> , 2020, 51, 1328-1338. | 1.2 | 6 |
| 460 | A bayesian approach to the spectral F-Test: Application to auditory steady-state responses. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105100. | 2.6 | 5 |
| 461 | Test-Retest Variability in the Characteristics of Envelope Following Responses Evoked by Speech Stimuli. <i>Ear and Hearing</i> , 2020, 41, 150-164. | 1.0 | 17 |
| 462 | Neural Modulation Transmission Is a Marker for Speech Perception in Noise in Cochlear Implant Users. <i>Ear and Hearing</i> , 2020, 41, 591-602. | 1.0 | 22 |
| 463 | Discrepancies in Hearing Thresholds between Pure-Tone Audiometry and Auditory Steady-State Response in Non-Malingers. <i>Ear and Hearing</i> , 2020, 41, 663-668. | 1.0 | 4 |
| 464 | Age-Related Deficits in Electrophysiological and Behavioral Measures of Binaural Temporal Processing. <i>Frontiers in Neuroscience</i> , 2020, 14, 578566. | 1.4 | 9 |
| 465 | Effects of Tonic Muscle Activation on Amplitude-Modulated Cervical Vestibular Evoked Myogenic Potentials (AMcVEMPs) in Young Females: Preliminary Findings. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2020, 21, 445-461. | 0.9 | 4 |
| 466 | A pilot study: Auditory steady-state responses (ASSR) can be measured in human fetuses using fetal magnetoencephalography (fMEG). <i>PLoS ONE</i> , 2020, 15, e0235310. | 1.1 | 4 |
| 467 | Aberrant Auditory Steady-State Response of Awake Mice After Single Application of the NMDA Receptor Antagonist MK-801 Into the Medial Geniculate Body. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 459-468. | 1.0 | 13 |
| 468 | Use of complex visual stimuli allows controlled recruitment of cortical networks in infants. <i>Clinical Neurophysiology</i> , 2020, 131, 2032-2040. | 0.7 | 4 |
| 469 | Factors influencing classification of frequency following responses to speech and music stimuli. <i>Hearing Research</i> , 2020, 398, 108101. | 0.9 | 4 |
| 470 | Visual load does not decrease the auditory steady-state response to 40-Hz amplitude-modulated tones. <i>Psychophysiology</i> , 2020, 57, e13689. | 1.2 | 4 |
| 471 | Electrophysiological assessment of temporal envelope processing in cochlear implant users. <i>Scientific Reports</i> , 2020, 10, 15406. | 1.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 472 | Long-Term Test-Retest Reliability of Auditory Gamma Oscillations Between Different Clinical EEG Systems. <i>Frontiers in Psychiatry</i> , 2020, 11, 876. | 1.3 | 18 |
| 473 | Wireless User-Generic Ear EEG. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2020, 14, 727-737. | 2.7 | 37 |
| 474 | A novel approach to investigate subcortical and cortical sensitivity to temporal structure simultaneously. <i>Hearing Research</i> , 2020, 398, 108080. | 0.9 | 3 |
| 475 | Decreased Gamma Auditory Steady-State Response Is Associated With Impaired Real-World Functioning in Unmedicated Patients at Clinical High Risk for Psychosis. <i>Clinical EEG and Neuroscience</i> , 2021, 52, 400-405. | 0.9 | 7 |
| 476 | The Accuracy of Envelope Following Responses in Predicting Speech Audibility. <i>Ear and Hearing</i> , 2020, 41, 1732-1746. | 1.0 | 12 |
| 477 | Attentional modulation of the auditory steady-state response across the cortex. <i>NeuroImage</i> , 2020, 217, 116930. | 2.1 | 13 |
| 478 | 40-Hz Binaural beats enhance training to mitigate the attentional blink. <i>Scientific Reports</i> , 2020, 10, 7002. | 1.6 | 20 |
| 479 | Solving the Inverse Problem for Auditory Steady-State Response via Sparse Bayesian Learning. , 2020, , . | | 1 |
| 480 | Intact Auditory Cortical Cross-Frequency Coupling in Early and Chronic Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 507. | 1.3 | 18 |
| 481 | Neural Responses and Perceptual Sensitivity to Sound Depend on Sound-Level Statistics. <i>Scientific Reports</i> , 2020, 10, 9571. | 1.6 | 16 |
| 482 | Multisensory Stimulation and EEG Recording Below the Hair-Line: A New Paradigm on Brain Computer Interfaces. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 825-831. | 2.7 | 7 |
| 483 | Auditory steady-state response at 20%Hz and 40%Hz in young typically developing children and children with autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 354-361. | 1.0 | 19 |
| 484 | Acoustic Change Responses to Amplitude Modulation in Cochlear Implant Users: Relationships to Speech Perception. <i>Frontiers in Neuroscience</i> , 2020, 14, 124. | 1.4 | 20 |
| 485 | From modulated noise to natural speech: The effect of stimulus parameters on the envelope following response. <i>Hearing Research</i> , 2020, 393, 107993. | 0.9 | 9 |
| 486 | Faster automatic ASSR detection using sequential tests. <i>International Journal of Audiology</i> , 2020, 59, 631-639. | 0.9 | 5 |
| 487 | Amphibious hearing in a diving bird, the great cormorant (<i>Phalacrocorax carbo sinensis</i>). <i>Journal of Experimental Biology</i> , 2020, 223, . | 0.8 | 13 |
| 488 | Frequency Following Response and Speech Recognition Benefit for Combining a Cochlear Implant and Contralateral Hearing Aid. <i>Trends in Hearing</i> , 2020, 24, 233121652090200. | 0.7 | 13 |
| 489 | Subcortical auditory neural synchronization is deficient in pre-reading children who develop dyslexia. <i>Developmental Science</i> , 2020, 23, e12945. | 1.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 490 | Tracking the Effects of Top-down Attention on Word Discrimination Using Frequency-tagged Neuromagnetic Responses. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 877-888. | 1.1 | 4 |
| 491 | Neuroprotective effect of microglia against impairments of auditory steady-state response induced by anti-P IgG from SLE patients in naïve mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 31. | 3.1 | 6 |
| 492 | Using ASSR with narrow-band chirps to evaluate hearing in children and adults. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 49-56. | 0.8 | 6 |
| 493 | Uncovering the contribution of enhanced central gain and altered cortical oscillations to tinnitus generation. <i>Progress in Neurobiology</i> , 2021, 196, 101893. | 2.8 | 16 |
| 494 | Brain mapping of auditory steady-state responses: A broad view of cortical and subcortical sources. <i>Human Brain Mapping</i> , 2021, 42, 780-796. | 1.9 | 33 |
| 495 | Rapid invisible frequency tagging reveals nonlinear integration of auditory and visual information. <i>Human Brain Mapping</i> , 2021, 42, 1138-1152. | 1.9 | 19 |
| 496 | Visual load effects on the auditory steady-state responses to 20-, 40-, and 80-Hz amplitude-modulated tones. <i>Physiology and Behavior</i> , 2021, 228, 113240. | 1.0 | 4 |
| 497 | Estimating multiple latencies in the auditory system from auditory steady-state responses on a single EEG channel. <i>Scientific Reports</i> , 2021, 11, 2150. | 1.6 | 5 |
| 498 | Characteristics of Speech-Evoked Envelope Following Responses in Infancy. <i>Trends in Hearing</i> , 2021, 25, 23312165211004331. | 0.7 | 7 |
| 499 | Aberrant Auditory Steady-State Response of Awake Mice Induced by Chronic Interferon- β Treatment. <i>Frontiers in Pharmacology</i> , 2020, 11, 584425. | 1.6 | 0 |
| 500 | Stimulus-evoked phase-locked activity along the human auditory pathway strongly varies across individuals. <i>Scientific Reports</i> , 2021, 11, 143. | 1.6 | 18 |
| 501 | Multichannel search strategy for improving the detection of auditory steady-state response. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 391-399. | 1.6 | 3 |
| 502 | 40-Hz Auditory Steady-State Response (ASSR) as a Biomarker of Genetic Defects in the SHANK3 Gene: A Case Report of 15-Year-Old Girl with a Rare Partial SHANK3 Duplication. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1898. | 1.8 | 8 |
| 504 | Gamma-Range Auditory Steady-State Responses and Cognitive Performance: A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 217. | 1.1 | 18 |
| 505 | On the use of envelope following responses to estimate peripheral level compression in the auditory system. <i>Scientific Reports</i> , 2021, 11, 6962. | 1.6 | 9 |
| 507 | Auditory Steady State Response to the Music with Embedded Binaural Beats during Daytime Sleep. <i>Moscow University Biological Sciences Bulletin</i> , 2021, 76, 41-45. | 0.1 | 2 |
| 508 | Montage-related Variability in the Characteristics of Envelope Following Responses. <i>Ear and Hearing</i> , 2021, Publish Ahead of Print, 1436-1440. | 1.0 | 1 |
| 509 | Cortical Responses to the Amplitude Envelopes of Sounds Change with Age. <i>Journal of Neuroscience</i> , 2021, 41, 5045-5055. | 1.7 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 510 | Global and Parallel Cortical Processing Based on Auditory Gamma Oscillatory Responses in Humans. <i>Cerebral Cortex</i> , 2021, 31, 4518-4532. | 1.6 | 19 |
| 511 | The effect of stimulus intensity on neural envelope tracking. <i>Hearing Research</i> , 2021, 403, 108175. | 0.9 | 22 |
| 513 | A Fuzzy Shell for Developing an Interpretable BCI Based on the Spatiotemporal Dynamics of the Evoked Oscillations. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-21. | 1.1 | 1 |
| 514 | Neural encoding of spectro-temporal cues at slow and near speech-rate in cochlear implant users. <i>Hearing Research</i> , 2021, 403, 108160. | 0.9 | 9 |
| 515 | Custom-Fitted In- and Around-the-Ear Sensors for Unobtrusive and On-the-Go EEG Acquisitions: Development and Validation. <i>Sensors</i> , 2021, 21, 2953. | 2.1 | 14 |
| 516 | Mind Wandering Influences EEG Signal in Complex Multimodal Environments. <i>Frontiers in Neuroergonomics</i> , 2021, 2, . | 0.6 | 4 |
| 517 | The identification of predominant auditory steady-state response brain sources in electroencephalography using denoising source separation. <i>European Journal of Neuroscience</i> , 2021, 53, 3688-3709. | 1.2 | 4 |
| 518 | Individual Resonant Frequencies at Low-Gamma Range and Cognitive Processing Speed. <i>Journal of Personalized Medicine</i> , 2021, 11, 453. | 1.1 | 4 |
| 519 | Frequency following responses and rate change complexes in cochlear implant users. <i>Hearing Research</i> , 2021, 404, 108200. | 0.9 | 11 |
| 520 | Assessing Agreement between Frequency-Specific Chirp Auditory Steady-State Response and Pure Tone Audiometry in Adults by Intraclass Correlation Coefficient. <i>Orl</i> , 2022, 84, 30-38. | 0.6 | 3 |
| 521 | Hearing loss and brain plasticity: the hyperactivity phenomenon. <i>Brain Structure and Function</i> , 2021, 226, 2019-2039. | 1.2 | 31 |
| 522 | Auditory steady-state responses during and after a stimulus: Cortical sources, and the influence of attention and musicality. <i>NeuroImage</i> , 2021, 233, 117962. | 2.1 | 7 |
| 523 | Free-Field Cortical Steady-State Evoked Potentials in Cochlear Implant Users. <i>Brain Topography</i> , 2021, 34, 664-680. | 0.8 | 2 |
| 524 | The Influence of Sensation Level on Speech-Evoked Envelope Following Responses. <i>Ear and Hearing</i> , 2022, 43, 250-254. | 1.0 | 5 |
| 525 | Dynamic selective auditory attention detection using RNN and reinforcement learning. <i>Scientific Reports</i> , 2021, 11, 15497. | 1.6 | 15 |
| 526 | Neurophysiological and clinical effects of the NMDA receptor antagonist lanicemine (BHVâ€5500) in PTSD: A randomized, double-blind, placebo-controlled trial. <i>Depression and Anxiety</i> , 2021, 38, 1108-1119. | 2.0 | 6 |
| 527 | Psychosis Biotypes: Replication and Validation from the B-SNIP Consortium. <i>Schizophrenia Bulletin</i> , 2022, 48, 56-68. | 2.3 | 38 |
| 528 | Relationships between click auditory brainstem response and speech frequency following response with development in infants born preterm. <i>Hearing Research</i> , 2021, 407, 108277. | 0.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 529 | Envelope reconstruction of speech and music highlights stronger tracking of speech at low frequencies. <i>PLoS Computational Biology</i> , 2021, 17, e1009358. | 1.5 | 28 |
| 530 | Remarks on the analysis of steady-state responses: Spurious artifacts introduced by overlapping epochs. <i>Cortex</i> , 2021, 142, 370-378. | 1.1 | 18 |
| 531 | Fundamental frequency-dependent changes in vowel-evoked envelope following responses. <i>Hearing Research</i> , 2021, 408, 108297. | 0.9 | 2 |
| 534 | Nueva versi3n en Windows del sistema AUDIX para la evaluaci3n objetiva de la audici3n. <i>Auditio (santa) Tj ETQq</i> , 2021, 1, 0.784314 rgBT (f) | 0.3 | 2 |
| 535 | Objective frequency-specific hearing thresholds definition for medicolegal purposes in case of occupational NIHL: ASSR outperforms CERA. <i>Journal of Otology</i> , 2021, 16, 210-219. | 0.4 | 1 |
| 536 | The comparison of auditory behavioral and evoked potential responses (steady state and cortical) in subjects with occupational noise-induced hearing loss. <i>Journal of Otology</i> , 2021, 16, 242-251. | 0.4 | 1 |
| 537 | Characterizing Cochlear implant artefact removal from EEG recordings using a real human model. <i>MethodsX</i> , 2021, 8, 101369. | 0.7 | 3 |
| 538 | Chirp-Evoked Auditory Steady-State Response: The Effect of Repetition Rate. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 689-699. | 2.5 | 6 |
| 540 | Electrical Source Imaging in Freely Moving Rats: Evaluation of a 12-Electrode Cortical Electroencephalography System. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 589228. | 1.3 | 3 |
| 541 | Do Room Acoustics Affect the Amplitude of Sound-Field Auditory Steady-State Responses?. <i>Trends in Hearing</i> , 2021, 25, 233121652096502. | 0.7 | 2 |
| 542 | Towards Real-Time Detection of Auditory Steady-State Responses: A Comparative Study. <i>IEEE Access</i> , 2021, 9, 108975-108991. | 2.6 | 1 |
| 543 | Suppression of Low-Frequency Gamma Oscillations by Activation of 40-Hz Oscillation. <i>Cerebral Cortex</i> , 2022, 32, 2785-2796. | 1.6 | 6 |
| 544 | From Tones to Speech: Magnetoencephalographic Studies. , 2011, , 597-615. | | 1 |
| 545 | Assessing Time- and Phase-Locked Changes in the EEG during Sensory Stimulation by Means of Spectral Techniques. <i>IFMBE Proceedings</i> , 2009, , 2136-2139. | 0.2 | 8 |
| 546 | Akustisch evozierte Potenziale (AEP). , 2014, , 99-181. | | 1 |
| 547 | Pdiatrische Audiologie und Audiometrie. , 2010, , 53-70. | | 1 |
| 548 | An automatic detection method for 40-Hz auditory steady state response and its application in prognosis of comatose patients. <i>Clinical Neurophysiology</i> , 2020, 131, 703-715. | 0.7 | 6 |
| 549 | Effects of Aging on Perceptual and Electrophysiological Responses to Acoustic Pulse Trains as a Function of Rate. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 1087-1098. | 0.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 550 | Attenuation of the 40-Hertz Auditory Steady State Response by Propofol Involves the Cortical and Subcortical Generators. <i>Anesthesiology</i> , 2008, 108, 233-242. | 1.3 | 36 |
| 551 | Influence of Auditory Stimulation Rates on Evoked Potentials during General Anesthesia. <i>Anesthesiology</i> , 2009, 110, 1026-1035. | 1.3 | 20 |
| 552 | The Effect of Brief-Tone Stimulus Duration on the Brain Stem Auditory Steady-State Response. <i>Ear and Hearing</i> , 2008, 29, 121-133. | 1.0 | 11 |
| 553 | Intraoperative Auditory Steady State Response Measurements During Vibrant Soundbridge Middle Ear Implantation in Patients With Mixed Hearing Loss. <i>Otology and Neurotology</i> , 2010, 31, 1365-1368. | 0.7 | 30 |
| 558 | Hearing threshold prediction with Auditory Steady State Responses and estimation of correction functions to compensate for differences with behavioral data, in adult subjects. Part 1: Audera and CHARTR EP devices. <i>Medical Science Monitor</i> , 2012, 18, MT47-MT53. | 0.5 | 8 |
| 559 | Steady-State Visual Evoked Potentials Can Be Explained by Temporal Superposition of Transient Event-Related Responses. <i>PLoS ONE</i> , 2011, 6, e14543. | 1.1 | 186 |
| 560 | Sustained Selective Attention to Competing Amplitude-Modulations in Human Auditory Cortex. <i>PLoS ONE</i> , 2014, 9, e108045. | 1.1 | 10 |
| 561 | Auditory steady-state responses in primary and non-primary regions of the auditory cortex in neonatal ventral hippocampal lesion rats. <i>PLoS ONE</i> , 2018, 13, e0192103. | 1.1 | 12 |
| 562 | Binaural Beats through the Auditory Pathway: From Brainstem to Connectivity Patterns. <i>ENeuro</i> , 2020, 7, ENEURO.0232-19.2020. | 0.9 | 26 |
| 563 | Current audiological diagnostics. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2017, 16, Doc09. | 0.8 | 14 |
| 564 | Envelope Following Response to 440 Hz Carrier Chirp-Modulated Tones Show Clinically Relevant Changes in Schizophrenia. <i>Brain Sciences</i> , 2021, 11, 22. | 1.1 | 6 |
| 565 | Reliability of auditory steady-state response to bone conduction stimuli in assessing hearing loss in children. <i>The Egyptian Journal of Otolaryngology</i> , 2016, 32, 196-201. | 0.1 | 1 |
| 566 | Using Auditory Steady-State Responses for Measuring Hearing Protector Attenuation. <i>Noise and Health</i> , 2017, 19, 1. | 0.4 | 4 |
| 567 | Relationship between stimulus intensity and power, latency and component synchrony measure (CSM) of auditory steady-state response (ASSR) in normal hearing adults. <i>Audiology Japan</i> , 2010, 53, 266-273. | 0.1 | 3 |
| 568 | Gamma Oscillation in Schizophrenia. <i>Psychiatry Investigation</i> , 2011, 8, 288. | 0.7 | 45 |
| 569 | Determinação dos limiares auditivos de forma objetiva e automática em adultos normo-ouvintes. <i>Research, Society and Development</i> , 2021, 10, e174101320859. | 0.0 | 0 |
| 570 | Validation of Soft Multipin Dry EEG Electrodes. <i>Sensors</i> , 2021, 21, 6827. | 2.1 | 9 |
| 571 | Analyses on the Organizing Mechanism of Amplitude Modulation Following Response. <i>Audiology Japan</i> , 2004, 47, 214-221. | 0.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 572 | Comparison of Pure-tone Hearing Levels and Predicted Hearing Level Values Using Auditory Steady-state Responses -Use of Audera for subjects with normal hearing-. Audiology Japan, 2004, 47, 207-213. | 0.1 | 4 |
| 573 | A Study of Factors Affecting Auditory Steady-State Response in Normal and Severe to Profound Sensory-Neural Hearing Loss. Audiology and Speech Research, 2005, 1, 28-34. | 0.4 | 0 |
| 574 | Auditory Steady-State Response: Description and Future Development. Audiology Japan, 2006, 49, 761-776. | 0.1 | 8 |
| 575 | Effects of Stimulus Type on Auditory Steady-State Responses. Audiology and Speech Research, 2006, 2, 48-51. | 0.4 | 0 |
| 576 | Clinical Application of Sequential Recording of Auditory Evoked Responses (ARPs). Audiology Japan, 2007, 50, 627-641. | 0.1 | 1 |
| 577 | ASSR, 'ç' "ä, äÿè£œâ.....ç?/4è±jè\$£æžë,ä@â-ä,Šçµ,,ãž. Audiology Japan, 2009, 52, 389-390. | 0.1 | 0 |
| 578 | Measurement conditions of ASSR that affect the threshold of auditory steady-state response in adults. Audiology Japan, 2009, 52, 120-125. | 0.1 | 1 |
| 579 | Influence of Recording Time and Noise Level on the thresholds of Multiple Auditory Steady-State Response. Audiology Japan, 2009, 52, 126-132. | 0.1 | 2 |
| 580 | Auditory Evoked Potentials. Equilibrium Research, 2010, 69, 113-126. | 0.2 | 0 |
| 581 | Magnetoencephalography and Auditory Neural Representations. IFMBE Proceedings, 2010, , 45-48. | 0.2 | 0 |
| 582 | Clinical Observation and Application of Auditory Steady-State Response in Infants. Practica Otologica, Supplement, 2011, 130, 31-34. | 0.0 | 0 |
| 583 | The Effectiveness of Auditory Steady-State Response in Diagnosing Nonorganic Hearing Loss. Practica Otologica, Supplement, 2011, 130, 9-13. | 0.0 | 1 |
| 584 | Independent Component Analysis. , 2011, , . | | 1 |
| 585 | FREQUENCY SUMMATION OBSERVED IN CONTRA-SOUND SUPPRESSION OF 40-HZ AUDITORY STEADY STATE RESPONSE. , 2012, , . | | 0 |
| 586 | Evaluaci3n objetiva de la conducci3n del sonido por v3a 3sea con potenciales evocados auditivos. Auditio (santa Cruz De Tenerife), 2012, 3, 61-65. | 0.3 | 2 |
| 587 | The Usefulness of Sound-Field Auditory Steady State Response (SF ASSR): Comparison of Hearing Sensitivity and Typical ASSR. Audiology and Speech Research, 2013, 9, 15-24. | 0.4 | 0 |
| 588 | The Application of V Test Method in Detecting Auditory Steady-State Response. Advances in Intelligent Systems and Computing, 2014, , 685-693. | 0.5 | 0 |
| 589 | Relative importance of AM and FM cues for speech comprehension: effects of speaking rate and their implications for neurophysiological processing of speech. , 0, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 590 | Potenciales evocados auditivos de estado estable en recién nacidos: diferencias en la conducción oseo-aérea a las frecuencias de 500 y 2000 Hz. <i>Audioti (Santa Cruz De Tenerife)</i> , 2015, 4, 41-45. | 0.3 | 0 |
| 593 | Microtia: A Combined Approach by Genetics and Audiology. <i>The Egyptian Journal of Otolaryngology</i> , 2016, 32, 178-186. | 0.1 | 0 |
| 594 | Using auditory steady-state responses for measuring hearing protector occlusion effect. <i>Noise and Health</i> , 2017, 19, 278. | 0.4 | 3 |
| 595 | Brain-to-Brain Interaction at a Distance: A Global or Differential Relationship?. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 599 | Multi-harmonic Analysis Using Magnitude-Squared Coherence and Its Application to Detection of Auditory Steady-State Responses. <i>Communications in Computer and Information Science</i> , 2019, , 121-129. | 0.4 | 0 |
| 605 | Feasibility study on the evaluation of the effect of narrow-band CE-Chirp ASSR in the hearing field after hearing aid in hearing-impaired children. <i>Advanced Treatments in ENT Disorders</i> , 2019, 3, 007-011. | 0.0 | 1 |
| 606 | Evaluating Strategies for Improving the Detection of Auditory Steady-State Responses in the AUDIX System. <i>IFMBE Proceedings</i> , 2020, , 1079-1084. | 0.2 | 0 |
| 610 | Diagnosis and Differential Diagnosis of Disorders of Hearing Development. <i>European Manual of Medicine</i> , 2020, , 857-961. | 0.1 | 0 |
| 612 | Innovations in objective audiometry. <i>Audiology Japan</i> , 2020, 63, 163-173. | 0.1 | 2 |
| 613 | Neural auditory processing of parameterized speech envelopes. <i>Hearing Research</i> , 2021, 412, 108374. | 0.9 | 3 |
| 614 | Comparison of two cortical measures of binaural hearing acuity. <i>International Journal of Audiology</i> , 2021, 60, 875-884. | 0.9 | 1 |
| 616 | Atypical processing in neural source analysis of speech envelope modulations in adolescents with dyslexia. <i>European Journal of Neuroscience</i> , 2021, 54, 7839-7859. | 1.2 | 3 |
| 621 | Nociceptive Intra-epidermal Electric Stimulation Evokes Steady-State Responses in the Secondary Somatosensory Cortex. <i>Brain Topography</i> , 2022, 35, 169-181. | 0.8 | 1 |
| 622 | Objective Detection of the Speech Frequency Following Response (sFFR): A Comparison of Two Methods. <i>Audiology Research</i> , 2022, 12, 89-94. | 0.8 | 0 |
| 623 | Auditory nerve phase-locked response recorded from normal hearing adults using electrocochleography. <i>International Journal of Audiology</i> , 2022, , 1-10. | 0.9 | 0 |
| 624 | Individualized Assays of Temporal Coding in the Ascending Human Auditory System. <i>ENeuro</i> , 2022, 9, ENEURO.0378-21.2022. | 0.9 | 1 |
| 625 | A Fully Adapted Headstage With Custom Electrode Arrays Designed for Electrophysiological Experiments. <i>Frontiers in Neuroscience</i> , 2021, 15, 691788. | 1.4 | 2 |
| 627 | Nonlinearity in bone-conducted amplitude-modulated cervical vestibular-evoked myogenic potentials: harmonic distortion products. <i>Journal of Neurophysiology</i> , 2022, 127, 791-800. | 0.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 628 | Temporal Modulation Transfer Functions of Amplitude-Modulated Cervical Vestibular-Evoked Myogenic Potentials in Young Adults. <i>Ear and Hearing</i> , 2022, 43, 1456-1465. | 1.0 | 2 |
| 629 | Loss of central mineralocorticoid or glucocorticoid receptors impacts auditory nerve processing in the cochlea. <i>IScience</i> , 2022, 25, 103981. | 1.9 | 5 |
| 630 | Neural Activity during Story Listening Is Synchronized across Individuals Despite Acoustic Masking. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 933-950. | 1.1 | 6 |
| 631 | Contralateral noise effects on otoacoustic emissions and electrophysiologic responses in normal-hearing adults. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 2255-2267. | 0.5 | 2 |
| 632 | The power of rhythms: how steady-state evoked responses reveal early neurocognitive development. <i>NeuroImage</i> , 2022, 254, 119150. | 2.1 | 12 |
| 633 | Effects of Stimulus Polarity on Amplitude-Modulated Cervical Vestibular-Evoked Myogenic Potentials. <i>Journal of the American Academy of Audiology</i> , 2021, 32, 588-595. | 0.4 | 2 |
| 634 | Rapid Enhancement of Subcortical Neural Responses to Sine-Wave Speech. <i>Frontiers in Neuroscience</i> , 2021, 15, 747303. | 1.4 | 11 |
| 635 | Magnetoencephalography Studies of the Envelope Following Response During Amplitude-Modulated Sweeps: Diminished Phase Synchrony in Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 787229. | 1.0 | 9 |
| 637 | Recommendations and publication guidelines for studies using frequency domain and time-frequency domain analyses of neural time series. <i>Psychophysiology</i> , 2022, 59, e14052. | 1.2 | 42 |
| 638 | Naturalistic viewing conditions can increase task engagement and aesthetic preference but have only minimal impact on EEG quality. <i>NeuroImage</i> , 2022, 256, 119218. | 2.1 | 10 |
| 643 | Aberrant attentional modulation of the auditory steady state response (ASSR) is related to auditory hallucination severity in the first-episode schizophrenia-spectrum. <i>Journal of Psychiatric Research</i> , 2022, 151, 188-196. | 1.5 | 8 |
| 644 | Stress management using fNIRS and binaural beats stimulation. <i>Biomedical Optics Express</i> , 2022, 13, 3552. | 1.5 | 13 |
| 645 | How to successfully classify EEG in motor imagery BCI: a metrological analysis of the state of the art. <i>Journal of Neural Engineering</i> , 2022, 19, 031002. | 1.8 | 31 |
| 646 | Multi-Channel and Multi-Harmonic Analysis of Auditory Steady-State Response Detection. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 647 | Temporal Pitch Sensitivity in an Animal Model: Psychophysics and Scalp Recordings. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2022, 23, 491-512. | 0.9 | 3 |
| 648 | Automatic audiometry using auditory steady-state response and sequential test strategy applied to volunteers with normal hearing. <i>European Archives of Oto-Rhino-Laryngology</i> , 0, , . | 0.8 | 0 |
| 649 | Comparison of Auditory Steady-State Responses With Conventional Audiometry in Older Adults. <i>Frontiers in Neurology</i> , 0, 13, . | 1.1 | 3 |
| 650 | The 40-Hz auditory steady-state response in bipolar disorder: A meta-analysis. <i>Clinical Neurophysiology</i> , 2022, 141, 53-61. | 0.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 651 | Steady-state responses to concurrent melodies: source distribution, top-down, and bottom-up attention. <i>Cerebral Cortex</i> , 2023, 33, 3053-3066. | 1.6 | 1 |
| 652 | Evaluation of phase-locking to parameterized speech envelopes. <i>Frontiers in Neurology</i> , 0, 13, . | 1.1 | 1 |
| 653 | Variability in the Estimated Amplitude of Vowel-Evoked Envelope Following Responses Caused by Assumed Neurophysiologic Processing Delays. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2022, 23, 759-769. | 0.9 | 6 |
| 654 | Challenges and new perspectives of developmental cognitive EEG studies. <i>NeuroImage</i> , 2022, 260, 119508. | 2.1 | 6 |
| 655 | Older adultsâ€™ neural tracking of interrupted speech is a function of task difficulty. <i>NeuroImage</i> , 2022, 262, 119580. | 2.1 | 1 |
| 656 | Investigation of the Effect of Spatial Filtering for Detecting Auditory Steady-State Responses Recorded from Ear-EEG. , 2022, , . | | 0 |
| 657 | Neuronal imbalance of excitation and inhibition in schizophrenia: a scoping review of gamma-band <scp>ASSR</scp> findings. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 610-619. | 1.0 | 23 |
| 658 | Transcranial alternating current stimulation combined with sound stimulation improves the cognitive function of patients with Alzheimer's disease: A case report and literature review. <i>Frontiers in Neurology</i> , 0, 13, . | 1.1 | 7 |
| 659 | Characteristics of auditory steady-state responses to different click frequencies in awake intact macaques. <i>BMC Neuroscience</i> , 2022, 23, . | 0.8 | 4 |
| 660 | Speech-Evoked Envelope Following Responses in Children and Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2022, 65, 4009-4023. | 0.7 | 2 |
| 661 | The Influence of Male- and Female-Spoken Vowel Acoustics on Envelope-Following Responses. <i>Seminars in Hearing</i> , 2022, 43, 223-239. | 0.5 | 0 |
| 662 | Methodological considerations when measuring and analyzing auditory steady-state responses with multi-channel EEG. <i>Current Research in Neurobiology</i> , 2022, 3, 100061. | 1.1 | 4 |
| 663 | Excitability changes induced in the human auditory cortex by transcranial alternating current stimulation. <i>Neuroscience Letters</i> , 2023, 792, 136960. | 1.0 | 2 |
| 664 | External and middle ear influence on envelope following responses. <i>Journal of the Acoustical Society of America</i> , 2022, 152, 2794-2803. | 0.5 | 0 |
| 666 | Cross-modal attentional effects of rhythmic sensory stimulation. <i>Attention, Perception, and Psychophysics</i> , 0, , . | 0.7 | 1 |
| 667 | Impaired neural entrainment to low frequency amplitude modulations in English-speaking children with dyslexia or dyslexia and DLD. <i>Brain and Language</i> , 2023, 236, 105217. | 0.8 | 3 |
| 668 | Suppressive effects of ketamine on auditory steady-state responses in intact, awake macaques: A non-human primate model of schizophrenia. <i>Brain Research Bulletin</i> , 2023, 193, 84-94. | 1.4 | 0 |
| 669 | Electrically evoked auditory steady state response detection in cochlear implant recipients using a system identification approach. , 2022, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 670 | The Relationship Between Cannabinoids and Neural Oscillations: How Cannabis Disrupts Sensation, Perception, and Cognition. <i>Clinical EEG and Neuroscience</i> , 0, , 155005942211382. | 0.9 | 2 |
| 673 | Parametric separation of phase-locked and non-phase-locked activity. <i>Journal of Neurophysiology</i> , 2023, 129, 199-210. | 0.9 | 2 |
| 674 | Acoustic deprivation modulates central gain in human auditory brainstem and cortex. <i>Hearing Research</i> , 2023, 428, 108683. | 0.9 | 1 |
| 675 | Neural synchronization and intervention in pre-learners who later on develop dyslexia. <i>European Journal of Neuroscience</i> , 2023, 57, 547-567. | 1.2 | 2 |
| 676 | Sustained responses and neural synchronization to amplitude and frequency modulation in sound change with age. <i>Hearing Research</i> , 2023, 428, 108677. | 0.9 | 6 |
| 677 | Efficient Low-Frequency SSVEP Detection with Wearable EEG Using Normalized Canonical Correlation Analysis. <i>Sensors</i> , 2022, 22, 9803. | 2.1 | 1 |
| 678 | Envelope following responses for hearing diagnosis: Robustness and methodological considerations. <i>Journal of the Acoustical Society of America</i> , 2023, 153, 191-208. | 0.5 | 5 |
| 679 | Dealing with correlations in the multichannel EEG using bipolar derivations and Monte Carlo simulations: application to the detection of auditory steady-state responses. <i>Medical and Biological Engineering and Computing</i> , 2023, 61, 811-819. | 1.6 | 1 |
| 680 | A Feature Extraction Method for Seizure Detection Based on Multi-Site Synchronous Changes and Edge Detection Algorithm. <i>Brain Sciences</i> , 2023, 13, 52. | 1.1 | 1 |
| 682 | Acoustic stimuli modulate gamma activity associated with Auditory Steady State Response. , 2022, , . | | 0 |
| 683 | Speech-Encoding Deficits in Neonates Born Large-for-Gestational Age as Revealed With the Envelope Frequency-Following Response. <i>Ear and Hearing</i> , 2023, 44, 829-841. | 1.0 | 3 |
| 684 | Ambient Intelligence Telework System to Enhance Concentration for Each Individual: Easy to Concentrate Based on Neuroticism. , 2023, , . | | 0 |
| 685 | Multi-channel and multi-harmonic analysis of Auditory Steady-State Response detection. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2024, 27, 276-284. | 0.9 | 0 |
| 687 | The 40-Hz auditory steady-state response enhanced by beta-band subharmonics. <i>Frontiers in Neuroscience</i> , 0, 17, . | 1.4 | 3 |
| 688 | Asymmetry of Occupational Noise Induced Hearing Loss: An Electrophysiological Approach. <i>International Archives of Otorhinolaryngology</i> , 2023, 27, e499-e510. | 0.3 | 1 |
| 689 | 40-Hz Auditory Steady-State Responses in Schizophrenia: Toward a Mechanistic Biomarker for Circuit Dysfunctions and Early Detection and Diagnosis. <i>Biological Psychiatry</i> , 2023, 94, 550-560. | 0.7 | 5 |
| 711 | How Can I Investigate Perceptual and Cognitive Function Using Neural Frequency Tagging?. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2023, , 507-519. | 0.1 | 0 |