Special Issue

Theoretical and Clinical Applications of Otoacoustic Emissions

Message from the Guest Editors

This Special Issue of the Acoustics section of *Applied Sciences* is the first review on hearing and assessment of hearing function since the journal began in 2011. Spectacular progress has been made during the past 40 years in what we know about hearing mechanisms and deafness. David Kemp's discovery of otoacoustic emissions (OAEs) in human ears in 1978 was initially met with skepticism but provided tremendous insight into cochlear function and causes of hearing loss. Submissions are invited for both original research and review articles. We also welcome papers on stimulus frequency and spontaneous OAEs, especially if they examine some level of clinical applicability. Keywords for the edition:

- transient evoked otoacoustic emissions
- distortion-product otoacoustic emissions
- stimulus frequency otoacoustic emissions
- spontaneous otoacoustic emissions
- outer hair cells
- cochlear physiology

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closed (31 December 2019)

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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