

Χαρακτηριστικά:

- Details how age-related hearing loss affects non-auditory brain resources
- Highlights possible links between hearing loss and dementia, providing essential information for all healthcare audience members and students
- Outlines the communication needs of individuals living with dementia and/or hearing loss
- Enables readers to understand how hearing loss can negatively impact brain health

Περιεχόμενα:

1. Ageing and the Auditory System

Christopher J. Plack

2. Aging of the brain systems supporting speech perception

Pascale Tremblay, Marc-André Marion-Flamand, David Ratelle and Alexandre Sicard

3. Hearing loss, vascular function, and brain health in older adults

Jennifer A. Deal, Jason R. Smith and Kening Jiang

4. A neurological perspective on hearing impairment in dementia

Sophie A. Froud, Benjamin A. Levett, Lucy B. Core, Jessica Jiang, Chris J.D. Hardy and Jason D. Warren

5. Hearing loss and health: Psychosocial well-being, chronic health conditions, and the role of physical activity

Maria V. Goodwin and David Maidment

6. Listening effort in age-related hearing loss

Kate Slade and Ronan McGarrigle

7. Cross-modal and cortical neuroplasticity in age-related hearing loss

Anu Sharma, Kayla Cormier and Carly Schimmel

8. Hearing loss, dementia, and hearing rehabilitation methods: Unveiling current epidemiological evidence

Manuella Cantuaria and Jesper Hvass Schmidt

9. Demystifying age-related hearing loss: How socioeconomic inequalities are shaping global hearing health policies

Dalia Tsimpida

10. Communication needs of people with hearing loss and dementia living in care homes
Hannah Cross and Rebecca Millman

11. The Future of Hearing Aid Technology
Simon Carlile, Helen E. Nuttall and Richard F. Lyon

12. Forward directions for age-related hearing loss and dementia: An ear to the future
Helen E. Nuttall, Kate Slade and Christopher J. Plack