

# Seyed Alireza Rohani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5013389/publications.pdf>

Version: 2024-02-01

11  
papers

176  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

204  
citing authors

| #  | ARTICLE                                                                                                                                                                                      | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Micro-CT versus synchrotron radiation phase contrast imaging of human cochlea. Journal of Microscopy, 2017, 265, 349-357.                                                                    | 1.8 | 48        |
| 2  | Synchrotron Radiation-Based Reconstruction of the Human Spiral Ganglion: Implications for Cochlear Implantation. Ear and Hearing, 2020, 41, 173-181.                                         | 2.1 | 35        |
| 3  | Improved middle-ear soft-tissue visualization using synchrotron radiation phase-contrast imaging. Hearing Research, 2017, 354, 1-8.                                                          | 2.0 | 21        |
| 4  | An Approach for Individualized Cochlear Frequency Mapping Determined From 3D Synchrotron Radiation Phase-Contrast Imaging. IEEE Transactions on Biomedical Engineering, 2021, 68, 3602-3611. | 4.2 | 16        |
| 5  | The BONEBRIDGE active transcutaneous bone conduction implant: effects of location, lifts and screws on sound transmission. Journal of Otolaryngology - Head and Neck Surgery, 2020, 49, 58.  | 1.9 | 15        |
| 6  | Estimation of the Young's modulus of the human pars tensa using in-situ pressurization and inverse finite-element analysis. Hearing Research, 2017, 345, 69-78.                              | 2.0 | 13        |
| 7  | Iodine potassium iodide improves the contrast-to-noise ratio of micro-computed tomography images of the human middle ear. Journal of Microscopy, 2016, 264, 334-338.                         | 1.8 | 11        |
| 8  | High-resolution imaging of the human incudostapedial joint using synchrotron radiation phase-contrast imaging. Journal of Microscopy, 2020, 277, 61-70.                                      | 1.8 | 7         |
| 9  | Vestibular Organ and Cochlear Implantation—A Synchrotron and Micro-CT Study. Frontiers in Neurology, 2021, 12, 663722.                                                                       | 2.4 | 6         |
| 10 | Effects of object-to-detector distance and beam energy on synchrotron radiation phase-contrast imaging of implanted cochleae. Journal of Microscopy, 2019, 273, 127-134.                     | 1.8 | 4         |
| 11 | Sensitivity analysis of pars-tensa young's modulus estimation using inverse finite-element modeling. AIP Conference Proceedings, 2018, , .                                                   | 0.4 | 0         |