Seyed Alireza Rohani

List of Publications by Year
in descending order

11 papers	176 citations	1464605 7 h-index	1526636 10 g-index
11 all docs	11 docs citations	11 times ranked	221 citing authors

#	Article	IF	Citations
1	Vestibular Organ and Cochlear Implantationâ€“A Synchrotron and Micro-CT Study. Frontiers in Neurology, 2021, 12, 663722.	1.1	6
2	An Approach for Individualized Cochlear Frequency Mapping Determined From 3D Synchrotron Radiation Phase-Contrast Imaging. IEEE Transactions on Biomedical Engineering, 2021, 68, 3602-3611.	2.5	16
3	Synchrotron Radiation-Based Reconstruction of the Human Spiral Ganglion: Implications for Cochlear Implantation. Ear and Hearing, 2020, 41, 173-181.	1.0	35
4	Highâ€resolution imaging of the human incudostapedial joint using synchrotronâ€radiation phaseâ€contrast imaging. Journal of Microscopy, 2020, 277, 61-70.	0.8	7
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.	0.9	15
6	Effects of objectâ€toâ€detector distance and beam energy on synchrotron radiation phaseâ€contrast imaging of implanted cochleae. Journal of Microscopy, 2019, 273, 127-134.	0.8	4
7	Sensitivity analysis of pars-tensa youngâ€™s modulus estimation using inverse finite-element modeling. AIP Conference Proceedings, 2018, , .	0.3	0
8	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.	0.9	13
9	Microâ€CT versus synchrotron radiation phase contrast imaging of human cochlea. Journal of Microscopy, 2017, 265, 349-357.	0.8	48
10	Improved middle-ear soft-tissue visualization using synchrotron radiation phase-contrast imaging. Hearing Research, 2017, 354, 1-8.	0.9	21
11	Iodine potassium iodide improves the contrastâ€toâ€noise ratio of microâ€computed tomography images of the human middle ear. Journal of Microscopy, 2016, 264, 334-338.	0.8	11