

Hanif M Ladak

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive metrics for evaluating surgical microscope use during tympanostomy tube placement. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1587-1594.	1.7	1
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	Estimation of the hyperelastic parameters of fresh human oropharyngeal soft tissues using indentation testing. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103798.	1.5	6
4	Assessment of a virtual reality temporal bone surgical simulator: a national face and content validity study. Journal of Otolaryngology - Head and Neck Surgery, 2020, 49, 17.	0.9	18
5	A Virtual-Reality Training Simulator for Cochlear Implant Surgery. Simulation and Gaming, 2019, 50, 243-258.	1.2	5
6	Estimation of the Young's moduli of fresh human oropharyngeal soft tissues using indentation testing. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 86, 352-358.	1.5	15
7	Sensitivity analysis of pars-tensa young's modulus estimation using inverse finite-element modeling. AIP Conference Proceedings, 2018, , .	0.3	0
8	Automated Metrics in a Virtual-Reality Myringotomy Simulator: Development and Construct Validity. Otolology and Neurotology, 2018, 39, e601-e608.	0.7	8
9	Evaluating a Serious Gaming Electronic Medication Administration Record System Among Nursing Students: Protocol for a Pragmatic Randomized Controlled Trial. JMIR Research Protocols, 2018, 7, e138.	0.5	9
10	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
11	Blinded randomized controlled study of a web-based otoscopy simulator in undergraduate medical education. Laryngoscope, 2017, 127, 1306-1311.	1.1	12
12	Virtual Reality Simulator for Training in Myringotomy with Tube Placement. Journal of Medical and Biological Engineering, 2016, 36, 214-225.	1.0	9
13	Fiber Arrangement in the Rat Tympanic Membrane. Anatomical Record, 2016, 299, 1531-1539.	0.8	5
14	Face and content validity of a virtual-reality simulator for myringotomy with tube placement. Journal of Otolaryngology - Head and Neck Surgery, 2015, 44, 40.	0.9	26
15	Face and content validity of a novel, web-based otoscopy simulator for medical education. Journal of Otolaryngology - Head and Neck Surgery, 2015, 44, 7.	0.9	15
16	Estimation of the quasi-static Young's modulus of the eardrum using a pressurization technique. Computer Methods and Programs in Biomedicine, 2013, 110, 231-239.	2.6	11
17	Virtual reality myringotomy simulation with real-time deformation: Development and validity testing. Laryngoscope, 2012, 122, 1844-1851.	1.1	30
18	Interactive computer-based simulator for training in blade navigation and targeting in myringotomy. Computer Methods and Programs in Biomedicine, 2010, 98, 130-139.	2.6	27

#	ARTICLE	IF	CITATIONS
19	Measuring the quasi-static Young's modulus of the eardrum using an indentation technique. Hearing Research, 2010, 263, 168-176.	0.9	17
20	Development and face validity testing of a three-dimensional myringotomy simulator with haptic feedback. Journal of Otolaryngology - Head and Neck Surgery, 2010, 39, 122-9.	0.9	8
21	Deformable Model-Based Segmentation Of The Prostate From Ultrasound Images. , 2007, , 325-369.		0
22	Prostate boundary segmentation from ultrasound images using 2D active shape models: Optimisation and extension to 3D. Computer Methods and Programs in Biomedicine, 2006, 84, 99-113.	2.6	71
23	A geometrically nonlinear finite-element model of the cat eardrum. Journal of the Acoustical Society of America, 2006, 119, 2859-2868.	0.5	27
24	3D Prostate Boundary Segmentation From Ultrasound Images Using 2D Active Shape Models. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
25	Response of the cat eardrum to static pressures: Mobile versus immobile malleus. Journal of the Acoustical Society of America, 2004, 116, 3008-3021.	0.5	22
26	Testing and optimization of a semiautomatic prostate boundary segmentation algorithm using virtual operators. Medical Physics, 2003, 30, 1637-1647.	1.6	14
27	Effect of black blood MR image quality on vessel wall segmentation. Magnetic Resonance in Medicine, 2001, 46, 299-304.	1.9	17
28	Prostate boundary segmentation from 2D ultrasound images. Medical Physics, 2000, 27, 1777-1788.	1.6	144
29	Systematic errors in small deformations measured by use of shadow-moiré topography. Applied Optics, 2000, 39, 3266.	2.1	12
30	Finite element modeling of the normal and surgically repaired cat middle ear. Journal of the Acoustical Society of America, 1996, 100, 933-944.	0.5	38