

Thomas Kerwin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

368
citations

933447
10
h-index

794594
19
g-index

32
all docs

32
docs citations

32
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual temporal bone dissection system: OSU virtual temporal bone system. Laryngoscope, 2012, 122, S1-12.	2.0	88
2	Automatic scoring of virtual mastoidectomies using expert examples. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 1-11.	2.8	38
3	Atlas-Based Segmentation of Temporal Bone Anatomy. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1937-1944.	2.8	36
4	Creating a cross-institutional grading scale for temporal bone dissection. Laryngoscope, 2010, 120, 1422-1427.	2.0	33
5	Enhancing Realism of Wet Surfaces in Temporal Bone Surgical Simulation. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 747-758.	4.4	28
6	Performance Assessment for Mastoidectomy: State of the Art Review. Otolaryngology - Head and Neck Surgery, 2017, 156, 61-69.	1.9	20
7	Translating the Simulation of Procedural Drilling Techniques for Interactive Neurosurgical Training. Neurosurgery, 2013, 73, S74-S80.	1.1	17
8	“Don’t you know I own the road?” The link between narcissism and aggressive driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 52, 14-20.	3.7	17
9	The role of multisensory feedback in haptic surface perception. , 0, , .		14
10	The weapons effect on wheels: Motorists drive more aggressively when there is a gun in the vehicle. Journal of Experimental Social Psychology, 2017, 73, 82-85.	2.2	14
11	Integration of high-resolution data for temporal bone surgical simulations. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1845-1854.	2.8	12
12	Atlas-based segmentation of temporal bone surface structures. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1267-1273.	2.8	12
13	Measuring the perception of aggression in driving behavior. Accident Analysis and Prevention, 2020, 145, 105709.	5.7	10
14	Virtual mastoidectomy performance evaluation through multi-volume analysis. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 51-61.	2.8	7
15	Translating surgical metrics into automated assessments. Studies in Health Technology and Informatics, 2012, 173, 543-8.	0.3	5
16	Simulation for training in resource-restricted countries: using a scalable temporal bone surgical simulator. International Journal of Medical Education, 2016, 7, 293-294.	1.2	3
17	Expert subjective comparison of haptic models for bone “drill” interaction. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 2039-2045.	2.8	3
18	Multi-Institutional Development of a Mastoidectomy Performance Evaluation Instrument. Journal of Surgical Education, 2017, 74, 1081-1087.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Cross-Institutional Evaluation of a Mastoidectomy Assessment Instrument. Journal of Surgical Education, 2018, 75, 678-687.	2.5	3
20	Enabling Data-Intensive Biomedical Science: Gaps, Opportunities, and Challenges. OMICS A Journal of Integrative Biology, 2011, 15, 231-233.	2.0	2
21	Standard Setting of Competency in Mastoidectomy for the Cross-Institutional Mastoidectomy Assessment Tool. Annals of Otology, Rhinology and Laryngology, 2020, 129, 340-346.	1.1	2
22	Effectiveness of Warning Signals in Semi-Autonomous Vehicles. , 0, , .		1
23	Translating the Simulation of Procedural Drilling Techniques for Interactive Neurosurgical Training. Neurosurgery, 2013, 73, S74-S80.	1.1	0
24	Virtual simulation of mouse anatomy and procedural techniques. Studies in Health Technology and Informatics, 2012, 173, 500-5.	0.3	0