

Rolando Del Maestro

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

410
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Identification of Surgical and Operative Factors Associated With Surgical Expertise in Virtual Reality Simulation. <i>JAMA Network Open</i> , 2019, 2, e198363.	5.9	88
2	Hydrocephalus and Hirschsprung's disease with a mutation of L1CAM. <i>Journal of Human Genetics</i> , 2004, 49, 334-337.	2.3	60
3	The McGill simulator for endoscopic sinus surgery (MSESS): a validation study. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2014, 43, 40.	1.9	59
4	Learning brain aneurysm microsurgical skills in a human placenta model: predictive validity. <i>Journal of Neurosurgery</i> , 2018, 128, 846-852.	1.6	39
5	Dynamics of C6 astrocytoma invasion into three-dimensional collagen gels. <i>Journal of Neuro-Oncology</i> , 2001, 53, 87-98.	2.9	26
6	Face, Content, and Construct Validity of Brain Tumor Microsurgery Simulation Using a Human Placenta Model. <i>Operative Neurosurgery</i> , 2016, 12, 61-67.	0.8	23
7	Face, content, and construct validity of human placenta as a haptic training tool in neurointerventional surgery. <i>Journal of Neurosurgery</i> , 2016, 124, 1238-1244.	1.6	22
8	Automaticity of Force Application During Simulated Brain Tumor Resection: Testing the Fitts and Posner Model. <i>Journal of Surgical Education</i> , 2018, 75, 104-115.	2.5	18
9	Development of a performance model for virtual reality tumor resections. <i>Journal of Neurosurgery</i> , 2019, 131, 192-200.	1.6	17
10	Is Virtual Reality Surgical Performance Influenced by Force Feedback Device Utilized?. <i>Journal of Surgical Education</i> , 2019, 76, 262-273.	2.5	15
11	A Comparison of Visual Rating Scales and Simulated Virtual Reality Metrics in Neurosurgical Training: A Generalizability Theory Study. <i>World Neurosurgery</i> , 2019, 127, e230-e235.	1.3	13
12	Continuous monitoring of surgical bimanual expertise using deep neural networks in virtual reality simulation. <i>Npj Digital Medicine</i> , 2022, 5, 54.	10.9	12
13	Creating a Comprehensive Research Platform for Surgical Technique and Operative Outcome in Primary Brain Tumor Neurosurgery. <i>World Neurosurgery</i> , 2020, 144, e62-e71.	1.3	9
14	Was Leonardo da Vinci Dyslexic?. <i>American Journal of Medicine</i> , 2019, 132, 892-893.	1.5	4
15	Quantitation of Tissue Resection Using a Brain Tumor Model and 7-T Magnetic Resonance Imaging Technology. <i>World Neurosurgery</i> , 2021, 148, e326-e339.	1.3	2
16	The Inception of the Canadian Medical Student Interest Group in Neurosurgery (CaMSIGN): A Student-Led Platform Dedicated to Neurosurgical Education, Research, Mentorship, and Advocacy. <i>Canadian Journal of Neurological Sciences</i> , 2023, 50, 301-302.	0.5	2
17	SP2.1.1 Continuous Monitoring and Assessment of Surgical Technical Skills Using Deep Learning. <i>British Journal of Surgery</i> , 2021, 108, .	0.3	1