

Robert M Sweet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3484932/publications.pdf>

Version: 2024-02-01

25
papers

363
citations

933447

10
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900452.	5.8	78
2	3D Printed Organ Models with Physical Properties of Tissue and Integrated Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700235.	5.8	50
3	Competency-Based Training and Simulation: Making a "Valid" Argument. <i>Journal of Endourology</i> , 2018, 32, 84-93.	2.1	31
4	Third Prize: Simulation of Bleeding in Endoscopic Procedures Using Virtual Reality. <i>Journal of Endourology</i> , 2002, 16, 451-455.	2.1	29
5	Predicting surgical skill from the first N seconds of a task: value over task time using the isogony principle. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1161-1170.	2.8	22
6	The CREST Simulation Development Process: Training the Next Generation. <i>Journal of Endourology</i> , 2017, 31, S-69-S-75.	2.1	22
7	Nephrolithiasis in Pregnancy: Treating for Two. <i>Urology</i> , 2021, 151, 44-53.	1.0	18
8	A Call for a Shift in Theory and Terminology for Validation Studies in Urological Education. <i>Journal of Urology</i> , 2018, 199, 617-620.	0.4	13
9	State of Simulation in Healthcare Education: An Initial Survey in Beijing. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2017, 21, e2016.00090.	1.1	12
10	Characterizing and Simulating Needle Insertion Forces for Percutaneous Renal Access. <i>Journal of Endourology</i> , 2016, 30, 1049-1055.	2.1	11
11	Sensorized tissue analogues enabled by a 3D-printed conductive organogel. <i>Npj Flexible Electronics</i> , 2021, 5, .	10.7	11
12	Conditions for reliable grip force and jaw angle estimation of da Vinci surgical tools. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 117-127.	2.8	9
13	Adjuvant Radiotherapy for Synchronous Bilateral Testicular Seminoma: A Case Report and a Review of the Pertinent Literature. <i>Case Reports in Urology</i> , 2013, 2013, 1-6.	0.3	8
14	The minimally acceptable classification criterion for surgical skill: intent vectors and separability of raw motion data. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1151-1159.	2.8	8
15	Incorporation of the fluoroless C-Arm Trainer at the American Urological Association hands on training percutaneous renal access. <i>World Journal of Urology</i> , 2018, 36, 1149-1155.	2.2	8
16	Validation of an Assessment Tool for Field Endotracheal Intubation. <i>Military Medicine</i> , 2016, 181, e1484-e1490.	0.8	7
17	Blended shared control utilizing online identification. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 769-776.	2.8	7
18	Inter-Resident Variability in Urologic Operative Case Volumes Over Time: A Review of the ACGME Case Logs From 2009 to 2016. <i>Urology</i> , 2020, 142, 49-54.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Advanced Modular Manikin and Surgical Team Experience During a Trauma Simulation: Results of a Single-Blinded Randomized Trial. Journal of the American College of Surgeons, 2021, 233, 249-260e2.	0.5	4
20	Thermally damaged porcine skin is not a surrogate mechanical model of human skin. Scientific Reports, 2022, 12, 4565.	3.3	4
21	A Paradigm for Materials Design for Surgical Simulators, With Specific Application to the Pleura and Needle Decompression1. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.7	2
22	Characterization of Puncture Forces of the Human Trachea and Cricothyroid Membrane. Journal of Biomechanical Engineering, 2022, , .	1.3	1
23	Measurement of Suture Pullout Forces of the Pancreatic Duct and Capsule. Biomechanics, 2022, 2, 301-308.	1.2	1
24	Bioprinting: 3D Printed Organ Models with Physical Properties of Tissue and Integrated Sensors (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.8	0
25	Retained Digital Flexible Ureteroscope During Percutaneous Nephrolithotomy. Journal of Endourology Case Reports, 2020, 6, 184-187.	0.3	0