

Robert M Sweet

List of Publications by Year in descending order

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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	Thermally damaged porcine skin is not a surrogate mechanical model of human skin. Scientific Reports, 2022, 12, 4565.	3.3	4
2	Characterization of Puncture Forces of the Human Trachea and Cricothyroid Membrane. Journal of Biomechanical Engineering, 2022, , .	1.3	1
3	Measurement of Suture Pullout Forces of the Pancreatic Duct and Capsule. Biomechanics, 2022, 2, 301-308.	1.2	1
4	Nephrolithiasis in Pregnancy: Treating for Two. Urology, 2021, 151, 44-53.	1.0	18
5	Sensorized tissue analogues enabled by a 3D-printed conductive organogel. Npj Flexible Electronics, 2021, 5, .	10.7	11
6	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
7	Retained Digital Flexible Ureteroscope During Percutaneous Nephrolithotomy. Journal of Endourology Case Reports, 2020, 6, 184-187.	0.3	0
8	Inter-Resident Variability in Urologic Operative Case Volumes Over Time: A Review of the ACGME Case Logs From 2009 to 2016. Urology, 2020, 142, 49-54.	1.0	7
9	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. Advanced Materials Technologies, 2019, 4, 1900452.	5.8	78
10	Conditions for reliable grip force and jaw angle estimation of da Vinci surgical tools. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 117-127.	2.8	9
11	Competency-Based Training and Simulation: Making a "Valid" Argument. Journal of Endourology, 2018, 32, 84-93.	2.1	31
12	Incorporation of the fluoroless C-Arm Trainer at the American Urological Association hands on training percutaneous renal access. World Journal of Urology, 2018, 36, 1149-1155.	2.2	8
13	Bioprinting: 3D Printed Organ Models with Physical Properties of Tissue and Integrated Sensors (Adv.) Tj ETQq1 1 0,784314 rgBT /Ove	5.8	9
14	A Call for a Shift in Theory and Terminology for Validation Studies in Urological Education. Journal of Urology, 2018, 199, 617-620.	0.4	13
15	Blended shared control utilizing online identification. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 769-776.	2.8	7
16	3D Printed Organ Models with Physical Properties of Tissue and Integrated Sensors. Advanced Materials Technologies, 2018, 3, 1700235.	5.8	50
17	Predicting surgical skill from the first N seconds of a task: value over task time using the isogony principle. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1161-1170.	2.8	22
18	The minimally acceptable classification criterion for surgical skill: intent vectors and separability of raw motion data. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1151-1159.	2.8	8

#	ARTICLE	IF	CITATIONS
19	The CREST Simulation Development Process: Training the Next Generation. Journal of Endourology, 2017, 31, S-69-S-75.	2.1	22
20	State of Simulation in Healthcare Education: An Initial Survey in Beijing. Journal of the Society of Laparoendoscopic Surgeons, 2017, 21, e2016.00090.	1.1	12
21	Validation of an Assessment Tool for Field Endotracheal Intubation. Military Medicine, 2016, 181, e1484-e1490.	0.8	7
22	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
23	Characterizing and Simulating Needle Insertion Forces for Percutaneous Renal Access. Journal of Endourology, 2016, 30, 1049-1055.	2.1	11
24	Adjuvant Radiotherapy for Synchronous Bilateral Testicular Seminoma: A Case Report and a Review of the Pertinent Literature. Case Reports in Urology, 2013, 2013, 1-6.	0.3	8
25	Third Prize: Simulation of Bleeding in Endoscopic Procedures Using Virtual Reality. Journal of Endourology, 2002, 16, 451-455.	2.1	29