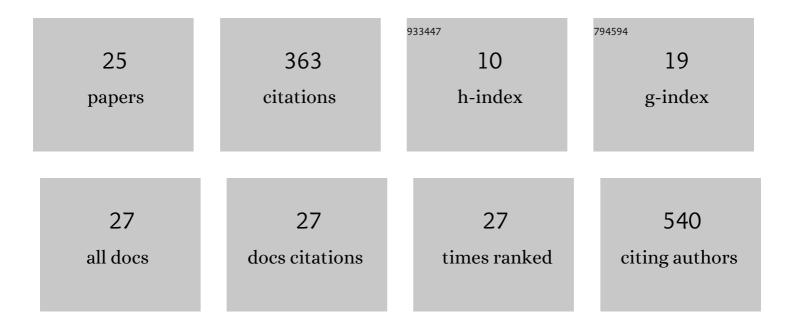
Robert M Sweet

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. Advanced Materials Technologies, 2019, 4, 1900452.	5.8	78
2	3D Printed Organ Models with Physical Properties of Tissue and Integrated Sensors. Advanced Materials Technologies, 2018, 3, 1700235.	5.8	50
3	Competency-Based Training and Simulation: Making a "Valid―Argument. Journal of Endourology, 2018, 32, 84-93.	2.1	31
4	Third Prize: Simulation of Bleeding in Endoscopic Procedures Using Virtual Reality. Journal of Endourology, 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. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1161-1170.	2.8	22
6	The CREST Simulation Development Process: Training the Next Generation. Journal of Endourology, 2017, 31, S-69-S-75.	2.1	22
7	Nephrolithiasis in Pregnancy: Treating for Two. Urology, 2021, 151, 44-53.	1.0	18
8	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
9	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
10	Characterizing and Simulating Needle Insertion Forces for Percutaneous Renal Access. Journal of Endourology, 2016, 30, 1049-1055.	2.1	11
11	Sensorized tissue analogues enabled by a 3D-printed conductive organogel. Npj Flexible Electronics, 2021, 5, .	10.7	11
12	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
13	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
14	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
15	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
16	Validation of an Assessment Tool for Field Endotracheal Intubation. Military Medicine, 2016, 181, e1484-e1490.	0.8	7
17	Blended shared control utilizing online identification. International Journal of Computer Assisted Radiology and Surgery, 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. Urology, 2020, 142, 49-54.	1.0	7

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#	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 C) 0_rgBT /C	overlock 107

25	Retained Digital Flexible Ureteroscope During Percutaneous Nephrolithotomy. Journal of Endourology Case Reports, 2020, 6, 184-187.	0.3	0