

# Daniel A Hashimoto

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,831  
citations

236925

25  
h-index

189892

50  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence in Surgery: Promises and Perils. <i>Annals of Surgery</i> , 2018, 268, 70-76.	4.2	626
2	Artificial Intelligence in Anesthesiology. <i>Anesthesiology</i> , 2020, 132, 379-394.	2.5	237
3	Computer Vision Analysis of Intraoperative Video. <i>Annals of Surgery</i> , 2019, 270, 414-421.	4.2	193
4	Machine Learning for Surgical Phase Recognition. <i>Annals of Surgery</i> , 2021, 273, 684-693.	4.2	135
5	EAES and SAGES 2018 consensus conference on acute diverticulitis management: evidence-based recommendations for clinical practice. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2726-2741.	2.4	125
6	Artificial Intelligence for Intraoperative Guidance. <i>Annals of Surgery</i> , 2022, 276, 363-369.	4.2	113
7	Surgical data science “from concepts toward clinical translation. <i>Medical Image Analysis</i> , 2022, 76, 102306.	11.6	107
8	See More, Do More, Teach More: Surgical Resident Autonomy and the Transition to Independent Practice. <i>Academic Medicine</i> , 2016, 91, 757-760.	1.6	81
9	Overcoming barriers to early disease intervention. <i>Nature Biotechnology</i> , 2020, 38, 669-673.	17.5	76
10	The Missing Link: Connection Is the Key to Resilience in Medical Education. <i>Academic Medicine</i> , 2016, 91, 1197-1199.	1.6	75
11	Deliberate practice enhances quality of laparoscopic surgical performance in a randomized controlled trial: from arrested development to expert performance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 3154-3162.	2.4	69
12	Association of Burnout With Emotional Intelligence and Personality in Surgical Residents: Can We Predict Who Is Most at Risk?. <i>Journal of Surgical Education</i> , 2017, 74, e22-e30.	2.5	68
13	Computer vision in surgery. <i>Surgery</i> , 2021, 169, 1253-1256.	1.9	68
14	A blinded assessment of video quality in wearable technology for telementoring in open surgery: the Google Glass experience. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 372-378.	2.4	54
15	Comparative Outcomes of Resident vs Attending Performed Surgery: A Systematic Review and Meta-Analysis. <i>Journal of Surgical Education</i> , 2016, 73, 391-399.	2.5	47
16	Fifteen years of adrenalectomies: impact of specialty training and operative volume. <i>Surgery</i> , 2018, 163, 150-156.	1.9	46
17	Automated operative phase identification in peroral endoscopic myotomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4008-4015.	2.4	41
18	The Role of Artificial Intelligence in Surgery. <i>Advances in Surgery</i> , 2020, 54, 89-101.	1.3	40

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19	SAGES consensus recommendations on an annotation framework for surgical video. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4918-4929.	2.4	39
20	A Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery. <i>Journal of Surgical Education</i> , 2016, 73, 932-941.	2.5	38
21	Machine learning and coresets for automated real-time video segmentation of laparoscopic and robot-assisted surgery. , 2017, , .		36
22	Surgical data science and artificial intelligence for surgical education. <i>Journal of Surgical Oncology</i> , 2021, 124, 221-230.	1.7	33
23	An immersive "œsimulation week" enhances clinical performance of incoming surgical interns improved performance persists at 6 months follow-up. <i>Surgery</i> , 2015, 157, 432-443.	1.9	32
24	The what? How? And Who? Of video based assessment. <i>American Journal of Surgery</i> , 2021, 221, 13-18.	1.8	32
25	Challenges in surgical video annotation. <i>Computer Assisted Surgery</i> , 2021, 26, 58-68.	1.3	31
26	A proficiency-based virtual reality endoscopy curriculum improves performance on the fundamentals of endoscopic surgery examination. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1397-1404.	2.4	30
27	Is Annual Volume Enough? The Role of Experience and Specialization on Inpatient Mortality After Hepatectomy. <i>Annals of Surgery</i> , 2017, 266, 603-609.	4.2	24
28	Successful Implementation of the American College of Surgeons/Association of Program Directors in Surgery Surgical Skills Curriculum via a 4-Week Consecutive Simulation Rotation. <i>Simulation in Healthcare</i> , 2012, 7, 147-154.	1.2	23
29	Variation in Amputation Risk for Black Patients: Uncovering Potential Sources of Bias and Opportunities for Intervention. <i>Journal of the American College of Surgeons</i> , 2018, 226, 641-649e1.	0.5	23
30	Ethical implications of AI in robotic surgical training: A Delphi consensus statement. <i>European Urology Focus</i> , 2022, 8, 613-622.	3.1	23
31	Surgical procedural map scoring for decision-making in laparoscopic cholecystectomy. <i>American Journal of Surgery</i> , 2019, 217, 356-361.	1.8	22
32	Percutaneous Tracheostomy. <i>New England Journal of Medicine</i> , 2020, 383, e112.	27.0	22
33	Current applications of artificial intelligence for intraoperative decision support in surgery. <i>Frontiers of Medicine</i> , 2020, 14, 369-381.	3.4	22
34	A Randomized Controlled Trial to Assess the Effects of Competition on the Development of Laparoscopic Surgical Skills. <i>Journal of Surgical Education</i> , 2015, 72, 1077-1084.	2.5	18
35	The Virtual-Patient Pilot: Testing a New Tool for Undergraduate Surgical Education and Assessment. <i>Journal of Surgical Education</i> , 2013, 70, 394-401.	2.5	17
36	Simulated Volume-Based Regionalization of Complex Procedures. <i>Annals of Surgery</i> , 2021, 274, 312-318.	4.2	15

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37	Intraoperative Resident Education for Robotic Laparoscopic Gastric Banding Surgery: A Pilot Study on the Safety of Stepwise Education. <i>Journal of the American College of Surgeons</i> , 2012, 214, 990-996.	0.5	14
38	Surgical Video in the Age of Big Data. <i>Annals of Surgery</i> , 2018, 268, e47-e48.	4.2	13
39	Feasibility and Perceived Usefulness of Using Head-Mounted Cameras for Resident Video Portfolios. <i>Journal of Surgical Research</i> , 2019, 239, 233-241.	1.6	13
40	Simulation-based mastery learning significantly reduces gender differences on the Fundamentals of Endoscopic Surgery performance exam. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 5006-5011.	2.4	11
41	Aggregating Long-Term Context for Learning Laparoscopic and Robot-Assisted Surgical Workflows. , 2021, , .		10
42	Artificial intelligence prediction of cholecystectomy operative course from automated identification of gallbladder inflammation. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 6832-6840.	2.4	10
43	Executive summary of the artificial intelligence in surgery series. <i>Surgery</i> , 2022, 171, 1435-1439.	1.9	9
44	SUPR-GAN: SUrgical PRediction GAN for Event Anticipation in Laparoscopic and Robotic Surgery. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 5741-5748.	5.1	9
45	A Comparative Study of Contrasting Surgical Residency Programs. <i>World Journal of Surgery</i> , 2014, 38, 2495-2501.	1.6	8
46	Development and validity evidence of an objective structured assessment of technical skills score for minimally invasive linear-stapled, hand-sewn intestinal anastomoses: the A-OSATS score. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 4529-4541.	2.4	8
47	Artificial Intelligence for Computer Vision in Surgery. <i>Annals of Surgery</i> , 2022, 275, e609-e611.	4.2	8
48	Colorectal Surgery Fellowship Improves In-hospital Mortality After Colectomy and Proctectomy Irrespective of Hospital and Surgeon Volume. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 516-522.	1.7	7
49	The Surgical Program in Innovation (SPIN): A Design and Prototyping Curriculum for Surgical Trainees. <i>Academic Medicine</i> , 2021, 96, 1306-1310.	1.6	5
50	A scoping review of artificial intelligence applications in thoracic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 239-248.	1.4	5
51	Status of 5-Year Survivors of the Whipple Procedure for Pancreatic Adenocarcinoma. <i>Advances in Surgery</i> , 2019, 53, 253-269.	1.3	4
52	Transfer of virtual reality endoscopy training to live animal colonoscopy: a randomized control trial of proficiency vs. repetition-based training. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 6767-6776.	2.4	4
53	The Trainee Perspective: What Can Residency Programs Do to Promote Learner Well-Being?. <i>Academic Medicine</i> , 2017, 92, 12-12.	1.6	3
54	Implementation of a Surgical Simulation Care Pathway Approach to Training in Emergency Abdominal Surgery. <i>World Journal of Surgery</i> , 2020, 44, 696-703.	1.6	2

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55	Open innovation facilitates department-wide engagement in quality improvement: experience from the Massachusetts General Hospital. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 5441-5449.	2.4	2
56	Surgeons and Machines Can Learn From Operative Video. <i>Annals of Surgery</i> , 2021, 274, e96.	4.2	2
57	RE: Consumer-based technology for distribution of surgical videos for objective evaluation. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 1847-1847.	2.4	1
58	Peroral Endoscopic Myotomy (POEM) for Achalasia. <i>Journal of Medical Insight</i> , 0, , .	1.0	1
59	In reference to <i>Objective assessment in residency-based training for transoral robotic surgery</i>. <i>Laryngoscope</i> , 2013, 123, 1316-1316.	2.0	0
60	Response to Comment on "Artificial Intelligence in Surgery Requires Interdisciplinary Collaboration and Understanding". <i>Annals of Surgery</i> , 2019, 269, e77-e78.	4.2	0
61	Fundamental use of surgical energy during endoscopic therapies. <i>Annals of Laparoscopic and Endoscopic Surgery</i> , 2019, 4, 79-79.	0.5	0
62	Special issue on 2020 augmented environments for computer-assisted interventions (AE-CAI): guest editors' foreword. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2021, 9, 217-218.	1.9	0