

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 | Ethical implications of AI in robotic surgical training: A Delphi consensus statement. <i>European Urology Focus</i> , 2022, 8, 613-622. | 3.1 | 23 |
| 2 | 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 |
| 3 | Artificial Intelligence for Intraoperative Guidance. <i>Annals of Surgery</i> , 2022, 276, 363-369. | 4.2 | 113 |
| 4 | Executive summary of the artificial intelligence in surgery series. <i>Surgery</i> , 2022, 171, 1435-1439. | 1.9 | 9 |
| 5 | Surgical data science “from concepts toward clinical translation. <i>Medical Image Analysis</i> , 2022, 76, 102306. | 11.6 | 107 |
| 6 | 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 |
| 7 | Artificial Intelligence for Computer Vision in Surgery. <i>Annals of Surgery</i> , 2022, 275, e609-e611. | 4.2 | 8 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Simulated Volume-Based Regionalization of Complex Procedures. <i>Annals of Surgery</i> , 2021, 274, 312-318. | 4.2 | 15 |
| 12 | 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 |
| 13 | The what? How? And Who? Of video based assessment. <i>American Journal of Surgery</i> , 2021, 221, 13-18. | 1.8 | 32 |
| 14 | Automated operative phase identification in peroral endoscopic myotomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4008-4015. | 2.4 | 41 |
| 15 | Computer vision in surgery. <i>Surgery</i> , 2021, 169, 1253-1256. | 1.9 | 68 |
| 16 | Challenges in surgical video annotation. <i>Computer Assisted Surgery</i> , 2021, 26, 58-68. | 1.3 | 31 |
| 17 | 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 |
| 18 | Surgeons and Machines Can Learn From Operative Video. <i>Annals of Surgery</i> , 2021, 274, e96. | 4.2 | 2 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | Surgical data science and artificial intelligence for surgical education. <i>Journal of Surgical Oncology</i> , 2021, 124, 221-230. | 1.7 | 33 |
| 21 | 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 |
| 22 | Machine Learning for Surgical Phase Recognition. <i>Annals of Surgery</i> , 2021, 273, 684-693. | 4.2 | 135 |
| 23 | Aggregating Long-Term Context for Learning Laparoscopic and Robot-Assisted Surgical Workflows. , 2021, , . | | 10 |
| 24 | 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 |
| 25 | Artificial Intelligence in Anesthesiology. <i>Anesthesiology</i> , 2020, 132, 379-394. | 2.5 | 237 |
| 26 | The Role of Artificial Intelligence in Surgery. <i>Advances in Surgery</i> , 2020, 54, 89-101. | 1.3 | 40 |
| 27 | Percutaneous Tracheostomy. <i>New England Journal of Medicine</i> , 2020, 383, e112. | 27.0 | 22 |
| 28 | Current applications of artificial intelligence for intraoperative decision support in surgery. <i>Frontiers of Medicine</i> , 2020, 14, 369-381. | 3.4 | 22 |
| 29 | Overcoming barriers to early disease intervention. <i>Nature Biotechnology</i> , 2020, 38, 669-673. | 17.5 | 76 |
| 30 | 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 |
| 31 | Status of 5-Year Survivors of the Whipple Procedure for Pancreatic Adenocarcinoma. <i>Advances in Surgery</i> , 2019, 53, 253-269. | 1.3 | 4 |
| 32 | 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 |
| 33 | 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 |
| 34 | Fundamental use of surgical energy during endoscopic therapies. <i>Annals of Laparoscopic and Endoscopic Surgery</i> , 2019, 4, 79-79. | 0.5 | 0 |
| 35 | Computer Vision Analysis of Intraoperative Video. <i>Annals of Surgery</i> , 2019, 270, 414-421. | 4.2 | 193 |
| 36 | Surgical procedural map scoring for decision-making in laparoscopic cholecystectomy. <i>American Journal of Surgery</i> , 2019, 217, 356-361. | 1.8 | 22 |

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|----|---|-----|-----------|
| 37 | Artificial Intelligence in Surgery: Promises and Perils. <i>Annals of Surgery</i> , 2018, 268, 70-76. | 4.2 | 626 |
| 38 | Fifteen years of adrenalectomies: impact of specialty training and operative volume. <i>Surgery</i> , 2018, 163, 150-156. | 1.9 | 46 |
| 39 | Surgical Video in the Age of Big Data. <i>Annals of Surgery</i> , 2018, 268, e47-e48. | 4.2 | 13 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | The Trainee Perspective: What Can Residency Programs Do to Promote Learner Well-Being?. <i>Academic Medicine</i> , 2017, 92, 12-12. | 1.6 | 3 |
| 45 | 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 |
| 46 | Machine learning and coresets for automated real-time video segmentation of laparoscopic and robot-assisted surgery. , 2017, , . | | 36 |
| 47 | 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 |
| 48 | The Missing Link: Connection Is the Key to Resilience in Medical Education. <i>Academic Medicine</i> , 2016, 91, 1197-1199. | 1.6 | 75 |
| 49 | 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 |
| 50 | A Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery. <i>Journal of Surgical Education</i> , 2016, 73, 932-941. | 2.5 | 38 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | A Comparative Study of Contrasting Surgical Residency Programs. <i>World Journal of Surgery</i> , 2014, 38, 2495-2501. | 1.6 | 8 |
| 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 | 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 |
| 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 | 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 |
| 61 | 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 |
| 62 | Peroral Endoscopic Myotomy (POEM) for Achalasia. <i>Journal of Medical Insight</i> , 0, , . | 1.0 | 1 |