Stanley J Hamstra

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Frameworks for Integrating Learning Analytics With the Electronic Health Record. Journal of Continuing Education in the Health Professions, 2023, 43, 52-59.	0.4	7
2	An Empirical Investigation Into Milestones Factor Structure Using National Data Derived From Clinical Competency Committees. Academic Medicine, 2022, 97, 569-576.	0.8	3
3	Ready, set, go! Evaluating readiness to implement competency-based medical education. Medical Teacher, 2022, 44, 886-892.	1.0	1
4	Correlations between Accreditation Council for Graduate Medical Education Obstetrics and Gynecology Milestones and American Board of Obstetrics and Gynecology qualifying examination scores: an initial validity study. American Journal of Obstetrics and Gynecology, 2021, 224, 308.e1-308.e25.	0.7	9
5	Stages of Milestones Implementation: A Template Analysis of 16 Programs Across 4 Specialties. Journal of Graduate Medical Education, 2021, 13, 14-44.	0.6	5
6	Using Learning Analytics to Examine Achievement of Graduation Targets for Systems-Based Practice and Practice-Based Learning and Improvement: A National Cohort of Vascular Surgery Fellows. Annals of Vascular Surgery, 2021, 76, 463-471.	0.4	3
7	A Validity Framework for Effective Analysis and Interpretation of Milestones Data. Journal of Graduate Medical Education, 2021, 13, 75-80.	0.6	14
8	Clarifying essential terminology in entrustment. Medical Teacher, 2021, 43, 737-744.	1.0	14
9	Becoming a deliberately developmental organization: Using competency based assessment data for organizational development. Medical Teacher, 2021, 43, 801-809.	1.0	22
10	On the validity of summative entrustment decisions. Medical Teacher, 2021, 43, 780-787.	1.0	20
11	Assessing the Transition of Training in Health Systems Science From Undergraduate to Graduate Medical Education. Journal of Graduate Medical Education, 2021, 13, 404-410.	0.6	4
12	Clinicians' perspectives on quality: do they match accreditation standards?. Human Resources for Health, 2021, 19, 75.	1.1	3
13	Exploring the Association Between USMLE Scores and ACGME Milestone Ratings: A Validity Study Using National Data From Emergency Medicine. Academic Medicine, 2021, 96, 1324-1331.	0.8	8
14	Entrustment Decision Making: Extending Miller's Pyramid. Academic Medicine, 2021, 96, 199-204.	0.8	68
15	Longitudinal Reliability of Milestones-Based Learning Trajectories in Family Medicine Residents. JAMA Network Open, 2021, 4, e2137179.	2.8	7
16	Harvesting the â€~SEAD': Long-Term Follow-Up of the Surgical Exploration and Discovery Program. Journal of Surgical Education, 2020, 77, 96-103.	1.2	4
17	14 Years Later. Academic Medicine, 2020, 95, 629-636.	0.8	8
18	Using Longitudinal Milestones Data and Learning Analytics to Facilitate the Professional Development of Residents: Early Lessons From Three Specialties. Academic Medicine, 2020, 95, 97-103.	0.8	50

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19	Comparison of Male and Female Resident Milestone Assessments During Emergency Medicine Residency Training: A National Study. Academic Medicine, 2020, 95, 263-268.	0.8	40
20	Orthopaedic Surgery Residency Milestones: Initial Formulation and Future Directions. Journal of the American Academy of Orthopaedic Surgeons, The, 2020, 28, e1-e8.	1.1	22
21	The Evolution of Assessment: Thinking Longitudinally and Developmentally. Academic Medicine, 2020, 95, S7-S9.	0.8	16
22	What can regulatory bodies do to help implement competency-based medical education?. Medical Teacher, 2020, 42, 1369-1373.	1.0	8
23	The sensemaking narratives of scientists working in health professions education scholarship units: The Canadian experience. Perspectives on Medical Education, 2020, 9, 157-165.	1.8	4
24	Outcomes in the age of competency-based medical education: Recommendations for emergency medicine training in Canada from the 2019 symposium of academic emergency physicians. Canadian Journal of Emergency Medicine, 2020, 22, 204-214.	0.5	12
25	Next Steps in the Implementation of Learning Analytics in Medical Education: Consensus From an International Cohort of Medical Educators. Journal of Graduate Medical Education, 2020, 12, 303-311.	0.6	16
26	Using Gamification to Understand Accreditation in Postgraduate Medical Education. Journal of Graduate Medical Education, 2019, 11, 207-210.	0.6	1
27	Boyer and Beyond. Academic Medicine, 2019, 94, 893-901.	0.8	8
28	A National Study of Longitudinal Consistency in ACGME Milestone Ratings by Clinical Competency Committees: Exploring an Aspect of Validity in the Assessment of Residents' Competence. Academic Medicine, 2019, 94, 1522-1531.	0.8	31
29	Cognitive challenges of junior residents attempting to learn surgical skills by observing procedures. American Journal of Surgery, 2019, 218, 430-435.	0.9	13
30	Healthcare providers' perceptions of a situational awareness display for emergency department resuscitation: a simulation qualitative study. International Journal for Quality in Health Care, 2018, 30, 16-22.	0.9	18
31	The Effect and Use of Milestones in the Assessment of Neurological Surgery Residents and Residency Programs. Journal of Surgical Education, 2018, 75, 147-155.	1.2	56
32	Competency Crosswalk: A Multispecialty Review of the Accreditation Council for Graduate Medical Education Milestones Across Four Competency Domains. Academic Medicine, 2018, 93, 1035-1041.	0.8	71
33	Development of RAD-Score: A Tool to Assess the Procedural Competence of Diagnostic Radiology Residents. American Journal of Roentgenology, 2017, 208, 820-826.	1.0	11
34	Exploring the institutional logics of health professions education scholarship units. Medical Education, 2017, 51, 755-767.	1.1	30
35	Beyond Fidelity. Simulation in Healthcare, 2017, 12, 117-123.	0.7	45
36	Working Definitions of the Roles and an Organizational Structure in Health Professions Education Scholarship. Academic Medicine, 2017, 92, 205-208.	0.8	29

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37	Reporting quality and risk of bias in randomised trials in health professions education. Medical Education, 2017, 51, 61-71.	1.1	21
38	Health Professions Education Scholarship Unit Leaders as Institutional Entrepreneurs. Academic Medicine, 2017, 92, 1189-1195.	0.8	16
39	Straight Line Scoring by Clinical Competency Committees Using Emergency Medicine Milestones. Journal of Graduate Medical Education, 2017, 9, 716-720.	0.6	24
40	The development of the PARENTS: a tool for parents to assess residents' non-technical skills in pediatric emergency departments. BMC Medical Education, 2017, 17, 210.	1.0	12
41	Entrustability Scales. Academic Medicine, 2016, 91, 186-190.	0.8	189
42	Correlations Between Ratings on the Resident Annual Evaluation Summary and the Internal Medicine Milestones and Association With ABIM Certification Examination Scores Among US Internal Medicine Residents, 2013-2014. JAMA - Journal of the American Medical Association, 2016, 316, 2253.	3.8	54
43	The Internal Medicine Reporting Milestones: Cross-sectional Description of Initial Implementation in U.S. Residency Programs. Annals of Internal Medicine, 2016, 165, 356.	2.0	38
44	A New Instrument for Assessing Resident Competence in Surgical Clinic: The Ottawa Clinic Assessment Tool. Journal of Surgical Education, 2016, 73, 575-582.	1.2	70
45	Fellowship Directors' Program: Higher Ground—Helping Our HPM Fellowships Continue to Grow and Thrive in an Era of Rapid Change (PO4). Journal of Pain and Symptom Management, 2016, 51, 308.	0.6	Ο
46	A qualitative exploration of which resident skills parents in pediatric emergency departments can assess. Medical Teacher, 2016, 38, 1118-1124.	1.0	14
47	The Rapid Assessment of Competency in Echocardiography Scale. Journal of Ultrasound in Medicine, 2016, 35, 1457-1463.	0.8	38
48	Parting the Clouds: Three Professionalism Frameworks in Medical Education. Academic Medicine, 2016, 91, 1606-1611.	0.8	169
49	Growing the 'SEAD': Expansion of the Surgical Exploration and Discovery Program. Journal of Surgical Education, 2016, 73, 101-110.	1.2	16
50	Psychometrics and its discontents: an historical perspective on the discourse of the measurement tradition. Advances in Health Sciences Education, 2016, 21, 719-729.	1.7	18
51	Self-regulated learning in simulation-based training: a systematic review and meta-analysis. Medical Education, 2015, 49, 368-378.	1.1	104
52	Reflections on the First 2 Years of Milestone Implementation. Journal of Graduate Medical Education, 2015, 7, 506-511.	0.6	83
53	Surgical exploration and discovery program: Inaugural involvement of otolaryngology – head and neck surgery. Journal of Otolaryngology - Head and Neck Surgery, 2015, 44, 3.	0.9	7
54	A procedural skills OSCE: assessing technical and non-technical skills of internal medicine residents. Advances in Health Sciences Education, 2015, 20, 85-100.	1.7	34

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55	The feasibility of eâ€learning as a quality improvement tool. Journal of Evaluation in Clinical Practice, 2014, 20, 606-610.	0.9	9
56	Examining the educational value of a CanMEDS roles framework in pediatric morbidity and mortality rounds. BMC Medical Education, 2014, 14, 262.	1.0	8
57	Comprehensive Assessment of Critical Care Needs in a Community Hospital*. Critical Care Medicine, 2014, 42, 831-840.	0.4	5
58	In Reply to Rubio et al. Academic Medicine, 2014, 89, 1317.	0.8	0
59	Reconsidering Fidelity in Simulation-Based Training. Academic Medicine, 2014, 89, 387-392.	0.8	420
60	Feedback for simulation-based procedural skills training: a meta-analysis and critical narrative synthesis. Advances in Health Sciences Education, 2014, 19, 251-272.	1.7	140
61	What counts as validity evidence? Examples and prevalence in a systematic review of simulation-based assessment. Advances in Health Sciences Education, 2014, 19, 233-250.	1.7	235
62	Novel Video-Based Assessment Tool for Laparoscopic Intraoperative Decision-Making. Journal of the American College of Surgeons, 2014, 219, S119-S120.	0.2	0
63	Key considerations for the success of Medical Education Research and Innovation units in Canada: unit director perceptions. Advances in Health Sciences Education, 2014, 19, 361-377.	1.7	30
64	"GIOSAT― a tool to assess CanMEDS competencies during simulated crises. Canadian Journal of Anaesthesia, 2013, 60, 280-289.	0.7	14
65	Comparative effectiveness of instructional design features in simulation-based education: Systematic review and meta-analysis. Medical Teacher, 2013, 35, e867-e898.	1.0	491
66	Cost: The missing outcome in simulation-based medical education research: A systematic review. Surgery, 2013, 153, 160-176.	1.0	295
67	Technology-Enhanced Simulation to Assess Health Professionals. Academic Medicine, 2013, 88, 872-883.	0.8	215
68	Efficacious Versus Effective. Simulation in Healthcare, 2013, 8, 191-192.	0.7	1
69	The Effect of Bench Model Fidelity on Fluoroscopy-Guided Transforaminal Epidural Injection Training. Regional Anesthesia and Pain Medicine, 2013, 38, 155-160.	1.1	11
70	Comparison of Traditional Didactic Seminar to High-Fidelity Simulation for Teaching Electroconvulsive Therapy Technique to Psychiatry Trainees. Journal of ECT, 2013, 29, 291-296.	0.3	15
71	Too much small talk? Medical students' pelvic examination skills falter with pleasant patients. Medical Education, 2013, 47, 1209-1214.	1.1	5
72	The Objective Assessment of Experts' and Novices' Suturing Skills Using An Image Analysis Program. Academic Medicine, 2013, 88, 260-264.	0.8	16

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73	State of the Evidence on Simulation-Based Training for Laparoscopic Surgery. Annals of Surgery, 2013, 257, 586-593.	2.1	269
74	Mastery Learning for Health Professionals Using Technology-Enhanced Simulation. Academic Medicine, 2013, 88, 1178-1186.	0.8	267
75	Comparative Effectiveness of Technology-Enhanced Simulation Versus Other Instructional Methods. Simulation in Healthcare, 2012, 7, 308-320.	0.7	258
76	The Ottawa Surgical Competency Operating Room Evaluation (O-SCORE). Academic Medicine, 2012, 87, 1401-1407.	0.8	251
77	Keynote Address: The Focus on Competencies and Individual Learner Assessment as Emerging Themes in Medical Education Research. Academic Emergency Medicine, 2012, 19, 1336-1343.	0.8	27
78	Overcoming Barriers to Addressing Education Problems With Research Design: A Panel Discussion. Academic Emergency Medicine, 2012, 19, 1344-1349.	0.8	11
79	A Suggested Core Content for Education Scholarship Fellowships in Emergency Medicine. Academic Emergency Medicine, 2012, 19, 1425-1433.	0.8	26
80	Faculty Development in Medical Education Research. Academic Emergency Medicine, 2012, 19, 1462-1467.	0.8	13
81	Prospective Comparison of Live Evaluation and Video Review in the Evaluation of Operator Performance in a Pediatric Emergency Airway Simulation. Journal of Graduate Medical Education, 2012, 4, 312-316.	0.6	27
82	Review article: New directions in medical education related to anesthesiology and perioperative medicine. Canadian Journal of Anaesthesia, 2012, 59, 136-150.	0.7	41
83	Review article: Leading the future: guiding two predominant paradigm shifts in medical education through scholarship. Canadian Journal of Anaesthesia, 2012, 59, 213-223.	0.7	27
84	Technology-Enhanced Simulation for Health Professions Education. JAMA - Journal of the American Medical Association, 2011, 306, 978-88.	3.8	1,379
85	A validated search assessment tool: assessing practice-based learning and improvement in a residency program. Journal of the Medical Library Association: JMLA, 2011, 99, 77-81.	0.6	13
86	An Assessment Tool for Aseptic Technique in Resident Physicians: A Journey Towards Validation in the Real World of Limited Supervision. Journal of Graduate Medical Education, 2010, 2, 85-89.	0.6	4
87	A centralized practice-based learning and improvement curriculum for residents and fellows: a collaboration of health sciences librarians and graduate medical education administration. Journal of the Medical Library Association: JMLA, 2010, 98, 175-178.	0.6	8
88	Laparoscopic simulation training with proficiency targets improves practice and performance of novice surgeons. American Journal of Surgery, 2010, 199, 72-80.	0.9	85
89	Is the Accreditation Council for Graduate Medical Education a Suitable Proxy for Resident Unions?. Academic Medicine, 2009, 84, 296-300.	0.8	9
90	Residents' Voices Must Be Heard. Academic Medicine, 2009, 84, 1469-1470.	0.8	1

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91	Feeling pressure to stay late: socialisation and professional identity formation in graduate medical education. Medical Education, 2008, 42, 7-9.	1.1	17
92	Differences in the perceived impact of sleep deprivation among surgical and non-surgical residents. Medical Education, 2008, 42, 459-467.	1.1	28
93	Using OSCEs to teach WHO patient safety solutions. Medical Education, 2008, 42, 523-524.	1.1	4
94	Visual–spatial ability and fMRI cortical activation in surgery residents. American Journal of Surgery, 2007, 193, 507-510.	0.9	38
95	Randomized controlled trial of virtual reality simulator training: transfer to live patients. American Journal of Surgery, 2007, 194, 205-211.	0.9	194
96	Needs assessment of neurosurgery trainees: a survey study of two large training programs in the developing and developed worlds. World Neurosurgery, 2006, 66, 117-124.	1.3	19
97	Teaching Technical Skills to Surgical Residents. Clinical Orthopaedics and Related Research, 2006, 449, 108-115.	0.7	57
98	Predicting the Technical Competence of Surgical Residents. Clinical Orthopaedics and Related Research, 2006, 449, 62-66.	0.7	8
99	Teaching Medical Education Principles and Methods to Faculty Using an Active Learning Approach: The University of Michigan Medical Education Scholars Program. Academic Medicine, 2006, 81, 975-978.	0.8	64
100	Unemployment in an Underserviced Specialty?: The Need for Co-ordinated Workforce Planning in Canadian Neurosurgery. Canadian Journal of Neurological Sciences, 2006, 33, 170-174.	0.3	14
101	Evaluation of Patient Simulator Performance as an Adjunct to the Oral Examination for Senior Anesthesia Residents. Anesthesiology, 2006, 104, 475-481.	1.3	67
102	Value of Debriefing during Simulated Crisis Management. Anesthesiology, 2006, 105, 279-285.	1.3	359
103	Duty Hours Reforms in the United States, France, and Canada: Is It Time to Refocus Our Attention on Education?. Academic Medicine, 2006, 81, 1045-1051.	0.8	72
104	Effect of age on detection of gaps in speech and nonspeech markers varying in duration and spectral symmetry. Journal of the Acoustical Society of America, 2006, 119, 1143.	0.5	100
105	Depth perception deficits in glaucoma suspects. British Journal of Ophthalmology, 2006, 90, 979-981.	2.1	28
106	Nontechnical Skills in Anesthesia Crisis Management with Repeated Exposure to Simulation-based Education. Anesthesiology, 2005, 103, 241-248.	1.3	277
107	Skill transfer from colonoscopy simulator to real patients: results of a randomized controlled trial. Journal of the American College of Surgeons, 2005, 201, S78.	0.2	0
108	Barriers to use of simulation-based education. Canadian Journal of Anaesthesia, 2005, 52, 944-950.	0.7	121

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109	Non-technical skills: Repeated exposure to simulation. Canadian Journal of Anaesthesia, 2005, 52, A133-A133.	0.7	0
110	Patient simulation: An adjunct to the oral examination. Canadian Journal of Anaesthesia, 2005, 52, A136-A136.	0.7	0
111	Effective Training and Assessment of Surgical Skills, and the Correlates of Performance. Surgical Innovation, 2005, 12, 71-77.	0.4	39
112	Interpretation of three-dimensional structure from two-dimensional endovascular images: implications for educators in vascular surgery. Journal of Vascular Surgery, 2004, 39, 1305-1311.	0.6	23
113	LABORATORY BASED TRAINING IN UROLOGICAL MICROSURGERY WITH BENCH MODEL SIMULATORS: A RANDOMIZED CONTROLLED TRIAL EVALUATING THE DURABILITY OF TECHNICAL SKILL. Journal of Urology, 2004, 172, 378-381.	0.2	142
114	The Benefit of the Operating Microscope for Access Cavity Preparation by Undergraduate Students. Journal of Endodontics, 2004, 30, 863-867.	1.4	41
115	Enhancement of surgical tissue in visual noise. , 2004, 5370, 1890.		0
116	The Educational Impact of Bench Model Fidelity on the Acquisition of Technical Skill. Annals of Surgery, 2004, 240, 374-381.	2.1	369
117	Validation of novel and objective measures of microsurgical skill: Hand-motion analysis and stereoscopic visual acuity. Microsurgery, 2003, 23, 317-322.	0.6	102
118	Visual-spatial ability correlates with efficiency of hand motion and successful surgical performance. Surgery, 2003, 134, 750-757.	1.0	156
119	Evaluating the effectiveness of a 2-year curriculum in a surgical skills center. American Journal of Surgery, 2003, 185, 378-385.	0.9	116
120	Teaching Technical Skills. Plastic and Reconstructive Surgery, 2002, 109, 258-264.	0.7	107
121	Effect of visual-spatial ability on learning of spatially-complex surgical skills. Lancet, The, 2002, 359, 230-231.	6.3	220
122	THE EFFECT OF BENCH MODEL FIDELITY ON ENDOUROLOGICAL SKILLS: A RANDOMIZED CONTROLLED STUDY. Journal of Urology, 2002, 167, 1243-1247.	0.2	323
123	THE EFFECT OF BENCH MODEL FIDELITY ON ENDOUROLOGICAL SKILLS:. Journal of Urology, 2002, , 1243-1247.	0.2	6
124	The effect of bench model fidelity on endourological skills: a randomized controlled study. Journal of Urology, 2002, 167, 1243-7.	0.2	67
125	A NOVEL APPROACH TO ENDOUROLOGICAL TRAINING: TRAINING AT THE SURGICAL SKILLS CENTER. Journal of Urology, 2001, 166, 1261-1266.	0.2	122
126	The joint contributions of saccades and ocular drift to repeated ocular fixations. Vision Research, 2001, 41, 1709-1721.	0.7	5

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127	Visual-spatial abilities in surgical training. American Journal of Surgery, 2000, 179, 469-471.	0.9	61
128	Gap detection thresholds as a function of tonal duration for younger and older listeners. Journal of the Acoustical Society of America, 1999, 106, 371-380.	0.5	173
129	Evidence for a neural mechanism that encodes angles. Vision Research, 1996, 36, 323-IN3.	0.7	47
130	Visual Processing of the Motion of an Object in Three Dimensions for a Stationary or a Moving Observer. Perception, 1995, 24, 87-103.	0.5	16
131	Orientation discrimination in cyclopean vision. Vision Research, 1995, 35, 365-374.	0.7	7
132	Shape discrimination for rectangles defined by disparity alone, by disparity plus luminance and by disparity plus motion. Vision Research, 1994, 34, 2277-2291.	0.7	20
133	Dissociation of discrimination thresholds for time to contact and for rate of angular expansion. Vision Research, 1993, 33, 447-462.	0.7	156
134	Shape discrimination and the judgement of perfect symmetry: Dissociation of shape from size. Vision Research, 1992, 32, 1845-1864.	0.7	129
135	Dissociation of orientation discrimination from form detection for motion-defined bars and luminance-defined bars: Effects of dot lifetime and presentation duration. Vision Research, 1992, 32, 1655-1666.	0.7	31
136	Visual Factors in the Avoidance of Front-To-Rear-End Highway Collisions. Proceedings of the Human Factors Society Annual Meeting, 1992, 36, 1006-1010.	0.1	4
137	Shape Discrimination for Motion-Defined and Contrast-Defined form: Squareness is Special. Perception, 1991, 20, 315-336.	0.5	38

138 Expertise in Medicine and Surgery., 0,, 331-355.

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