F Jacob Seagull

List of Publications by Year
in descending order

52 papers	1,557 citations	471509 17 h-index	315739 38 g-index
52 all docs	52 docs citations	52 times ranked	1648 citing authors

#	Article	IF	Citations
1	Display and perception of risk: Analysis of decision support system display and its impact on perceived clinical risk of sepsis-induced health deterioration. Health Informatics Journal, 2022, 28, 146045822110730.	2.1	0
2	Evaluation of a simulation‐based curriculum for implementing a new clinical protocol. International Journal of Gynecology and Obstetrics, 2016, 135, 333-337.	2.3	8
3	Continuous quality improvement in nephrology: a systematic review. BMC Nephrology, 2016, 17, 190.	1.8	10
4	Estimating Minimum Program Volume Needed to Train Surgeons: When 4 Ã— 15 Really Equals 90. Journal of Surgical Education, 2015, 72, 61-67.	2.5	8
5	Radiology Report Turnaround Time. Academic Radiology, 2015, 22, 662-667.	2.5	18
6	Developing an educational video on lung lobectomy for the general surgery resident. Journal of Surgical Research, 2015, 196, 216-220.	1.6	21
7	Achieving Accreditation Council for Graduate Medical Education duty hours compliance within advanced surgical training: a simulation-based feasibility assessment. American Journal of Surgery, 2015, 210, 947-950.e1.	1.8	6
8	Filling a void: Developing a standard subjective assessment tool for surgical simulation through focused review of current practices. Surgery, 2014, 156, 718-722.	1.9	43
9	Residents' Ability to Interpret Radiology Images. Academic Radiology, 2014, 21, 909-915.	2.5	7
10	Designing Automated Aids for Patient Monitoring Systems in Intensive Care Units. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2013, 2, 69-76.	0.3	2
11	Human Factors Tools for Improving Simulation Activities in Continuing Medical Education. Journal of Continuing Education in the Health Professions, 2012, 32, 261-268.	1.3	12
12	Disparities between industrial and surgical ergonomics. Work, 2012, 41, 4669-4672.	1.1	47
13	Performance of simulated laparoscopic incisional hernia repair correlates with operating room performance. American Journal of Surgery, 2011, 201, 40-45.	1.8	14
14	Why Multidisciplinary Rounds are not Multidisciplinary: Examination of a Neonatal ICU Rounding Process. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 758-762.	0.3	1
15	Simulation in Healthcare: One size fits all?. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 828-830.	0.3	0
16	Comparing Remote and In-person Collaboration in Three Virtual Tasks Using a Two-handed Interface. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 490-494.	0.3	0
17	A validated subjective rating of display quality: the Maryland Visual Comfort Scale. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 567-571.	2.4	12
18	Laparoscopic cholecystectomy poses physical injury risk to surgeons: analysis of hand technique and standing position. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 2168-2174.	2.4	42

#	Article	IF	Citations
19	Evaluation of surgical performance during laparoscopic incisional hernia repair: a multicenter study. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 2555-2563.	2.4	19
20	Computer Input Devices: Neutral Party or Source of Significant Error in Manual Lesion Segmentation?. Journal of Digital Imaging, 2011, 24, 135-141.	2.9	3
21	Online Social Networking: A Primer for Radiology. Journal of Digital Imaging, 2011, 24, 908-912.	2.9	26
22	Use of pharmacy delivery robots in intensive care units. American Journal of Health-System Pharmacy, 2011, 68, 77-83.	1.0	21
23	GOALS-Incisional Hernia: A Valid Assessment of Simulated Laparoscopic Incisional Hernia Repair. Surgical Innovation, 2011, 18, 48-54.	0.9	19
24	Alarms in Clinical Anesthesia. , 2011, , 187-196.		0
25	Capacity to Give Surgical Consent Does Not Imply Capacity to Give Anesthesia Consent: Implications for Anesthesiologists. Anesthesia and Analgesia, 2010, 110, 596-600.	2.2	22
26	Patients Benefit While Surgeons Suffer: An Impending Epidemic. Journal of the American College of Surgeons, 2010, 210, 306-313.	0.5	406
27	Debate: Is there Low Hanging Fruit in Healthcare Human Factors?. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1905-1905.	0.3	0
28	The University of Maryland, Maryland Advanced Simulation, Training, Research and Innovation (MASTRI) Center. Journal of Surgical Education, 2010, 67, 473-476.	2.5	3
29	Transfer of training in the development of intracorporeal suturing skill in medical student novices: a prospective randomized trial. American Journal of Surgery, 2010, 200, 537-541.	1.8	48
30	Don't Ignore the "Process" to Quality Improvement. Journal of the American College of Radiology, 2010, 7, 644-645.	1.8	3
31	Surgical Abdominal Wall (SAW): A Novel Simulator for Training in Ventral Hernia Repair. Surgical Innovation, 2009, 16, 330-336.	0.9	18
32	Opportunities and challenges in improving surgical work flow. Cognition, Technology and Work, 2008, 10, 313-321.	3.0	11
33	Novel, Web-Based, Information-Exploration Approach for Improving Operating Room Logistics and System Processes. Surgical Innovation, 2008, 15, 7-16.	0.9	14
34	Integration of virtual reality and conventional skills trainers: a mixed resource model. Studies in Health Technology and Informatics, 2008, 132, 446-50.	0.3	3
35	Resilience in intensive care units: A transactive responsibility model. , 2007, , .		1
36	Video-based training increases sterile-technique compliance during central venous catheter insertion*. Critical Care Medicine, 2007, 35, 1302-1306.	0.9	75

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37	Video as a Tool for Improving Tracheal Intubation Tasks for Emergency Medical and Trauma Care. Annals of Emergency Medicine, 2007, 50, 436-442.e1.	0.6	35
38	Emergent CSCW systems: The resolution and bandwidth of workplaces. International Journal of Medical Informatics, 2007, 76, S261-S266.	3.3	14
39	Negotiation and conflict in large scale collaboration: a preliminary field study. Cognition, Technology and Work, 2007, 9, 171-176.	3.0	14
40	Video-based Ergonomic Analysis to Evaluate Thoracostomy Tube Placement Techniques. Journal of Trauma, 2006, 60, 227-232.	2.3	9
41	Mentors Decrease Compliance with Best Sterile Practices during Central Venous Catheter Placement in the Trauma Resuscitation Unit. Surgical Infections, 2006, 7, 15-20.	1.4	12
42	An Algorithm for Processing Vital Sign Monitoring Data to Remotely Identify Operating Room Occupancy in Real-Time. Anesthesia and Analgesia, 2005, 101, 823-829.	2.2	54
43	Handbooks or Mentors? the Role of a Resident Physician Manual in Resident Education. Proceedings of the Human Factors and Ergonomics Society, 2005, 49, 1474-1477.	0.3	0
44	Work coordination, workflow, and workarounds in a medical context. , 2005, , .		84
45	Adaptive leadership in trauma resuscitation teams: a grounded theory approach to video analysis. Cognition, Technology and Work, 2004, 6, 158.	3.0	43
46	Collaborative Management of Complex Coordination Systems: Operating Room Schedule Coordination. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1521-1525.	0.3	14
47	Team Communication Patterns as Measures of Team Processes: Exploring the Effects of Task Urgency and Shared Team Experience. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1502-1506.	0.3	16
48	Scenario-Based Teamwork Skills Training for Geographically Distributed Teams. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1526-1530.	0.3	0
49	Video acquisition and audio system network (VAASNET) for analysis of workplace safety performance. Biomedical Instrumentation and Technology, 2003, 37, 285-91.	0.4	5
50	The hostile environment of the intensive care unit. Current Opinion in Critical Care, 2002, 8, 316-320.	3.2	223
51	Anesthesia Alarms in Context: An Observational Study. Human Factors, 2001, 43, 66-78.	3.5	91
52	The University of Michigan Imaging Assessment Tool (UM-IAT). MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0