

# F Jacob Seagull

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Patients Benefit While Surgeons Suffer: An Impending Epidemic. <i>Journal of the American College of Surgeons</i> , 2010, 210, 306-313.	0.5	406
2	The hostile environment of the intensive care unit. <i>Current Opinion in Critical Care</i> , 2002, 8, 316-320.	3.2	223
3	Anesthesia Alarms in Context: An Observational Study. <i>Human Factors</i> , 2001, 43, 66-78.	3.5	91
4	Work coordination, workflow, and workarounds in a medical context. , 2005, , .		84
5	Video-based training increases sterile-technique compliance during central venous catheter insertion*. <i>Critical Care Medicine</i> , 2007, 35, 1302-1306.	0.9	75
6	An Algorithm for Processing Vital Sign Monitoring Data to Remotely Identify Operating Room Occupancy in Real-Time. <i>Anesthesia and Analgesia</i> , 2005, 101, 823-829.	2.2	54
7	Transfer of training in the development of intracorporeal suturing skill in medical student novices: a prospective randomized trial. <i>American Journal of Surgery</i> , 2010, 200, 537-541.	1.8	48
8	Disparities between industrial and surgical ergonomics. <i>Work</i> , 2012, 41, 4669-4672.	1.1	47
9	Adaptive leadership in trauma resuscitation teams: a grounded theory approach to video analysis. <i>Cognition, Technology and Work</i> , 2004, 6, 158.	3.0	43
10	Filling a void: Developing a standard subjective assessment tool for surgical simulation through focused review of current practices. <i>Surgery</i> , 2014, 156, 718-722.	1.9	43
11	Laparoscopic cholecystectomy poses physical injury risk to surgeons: analysis of hand technique and standing position. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 2168-2174.	2.4	42
12	Video as a Tool for Improving Tracheal Intubation Tasks for Emergency Medical and Trauma Care. <i>Annals of Emergency Medicine</i> , 2007, 50, 436-442.e1.	0.6	35
13	Online Social Networking: A Primer for Radiology. <i>Journal of Digital Imaging</i> , 2011, 24, 908-912.	2.9	26
14	Capacity to Give Surgical Consent Does Not Imply Capacity to Give Anesthesia Consent: Implications for Anesthesiologists. <i>Anesthesia and Analgesia</i> , 2010, 110, 596-600.	2.2	22
15	Use of pharmacy delivery robots in intensive care units. <i>American Journal of Health-System Pharmacy</i> , 2011, 68, 77-83.	1.0	21
16	Developing an educational video on lung lobectomy for the general surgery resident. <i>Journal of Surgical Research</i> , 2015, 196, 216-220.	1.6	21
17	Evaluation of surgical performance during laparoscopic incisional hernia repair: a multicenter study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 2555-2563.	2.4	19
18	GOALS-Incisional Hernia: A Valid Assessment of Simulated Laparoscopic Incisional Hernia Repair. <i>Surgical Innovation</i> , 2011, 18, 48-54.	0.9	19

#	ARTICLE	IF	CITATIONS
19	Surgical Abdominal Wall (SAW): A Novel Simulator for Training in Ventral Hernia Repair. <i>Surgical Innovation</i> , 2009, 16, 330-336.	0.9	18
20	Radiology Report Turnaround Time. <i>Academic Radiology</i> , 2015, 22, 662-667.	2.5	18
21	Team Communication Patterns as Measures of Team Processes: Exploring the Effects of Task Urgency and Shared Team Experience. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2003, 47, 1502-1506.	0.3	16
22	Collaborative Management of Complex Coordination Systems: Operating Room Schedule Coordination. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2003, 47, 1521-1525.	0.3	14
23	Emergent CSCW systems: The resolution and bandwidth of workplaces. <i>International Journal of Medical Informatics</i> , 2007, 76, S261-S266.	3.3	14
24	Negotiation and conflict in large scale collaboration: a preliminary field study. <i>Cognition, Technology and Work</i> , 2007, 9, 171-176.	3.0	14
25	Novel, Web-Based, Information-Exploration Approach for Improving Operating Room Logistics and System Processes. <i>Surgical Innovation</i> , 2008, 15, 7-16.	0.9	14
26	Performance of simulated laparoscopic incisional hernia repair correlates with operating room performance. <i>American Journal of Surgery</i> , 2011, 201, 40-45.	1.8	14
27	Mentors Decrease Compliance with Best Sterile Practices during Central Venous Catheter Placement in the Trauma Resuscitation Unit. <i>Surgical Infections</i> , 2006, 7, 15-20.	1.4	12
28	A validated subjective rating of display quality: the Maryland Visual Comfort Scale. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 567-571.	2.4	12
29	Human Factors Tools for Improving Simulation Activities in Continuing Medical Education. <i>Journal of Continuing Education in the Health Professions</i> , 2012, 32, 261-268.	1.3	12
30	Opportunities and challenges in improving surgical work flow. <i>Cognition, Technology and Work</i> , 2008, 10, 313-321.	3.0	11
31	Continuous quality improvement in nephrology: a systematic review. <i>BMC Nephrology</i> , 2016, 17, 190.	1.8	10
32	Video-based Ergonomic Analysis to Evaluate Thoracostomy Tube Placement Techniques. <i>Journal of Trauma</i> , 2006, 60, 227-232.	2.3	9
33	Estimating Minimum Program Volume Needed to Train Surgeons: When 4 Æ— 15 Really Equals 90. <i>Journal of Surgical Education</i> , 2015, 72, 61-67.	2.5	8
34	Evaluation of a simulation-based curriculum for implementing a new clinical protocol. <i>International Journal of Gynecology and Obstetrics</i> , 2016, 135, 333-337.	2.3	8
35	Residents' Ability to Interpret Radiology Images. <i>Academic Radiology</i> , 2014, 21, 909-915.	2.5	7
36	Achieving Accreditation Council for Graduate Medical Education duty hours compliance within advanced surgical training: a simulation-based feasibility assessment. <i>American Journal of Surgery</i> , 2015, 210, 947-950.e1.	1.8	6

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37	Video acquisition and audio system network (VAASNET) for analysis of workplace safety performance. Biomedical Instrumentation and Technology, 2003, 37, 285-91.	0.4	5
38	The University of Maryland, Maryland Advanced Simulation, Training, Research and Innovation (MASTRI) Center. Journal of Surgical Education, 2010, 67, 473-476.	2.5	3
39	Don't Ignore the "Process" to Quality Improvement. Journal of the American College of Radiology, 2010, 7, 644-645.	1.8	3
40	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
41	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
42	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
43	Resilience in intensive care units: A transactive responsibility model. , 2007, , .		1
44	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
45	Scenario-Based Teamwork Skills Training for Geographically Distributed Teams. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1526-1530.	0.3	0
46	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
47	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
48	Simulation in Healthcare: One size fits all?. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 828-830.	0.3	0
49	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
50	Alarms in Clinical Anesthesia. , 2011, , 187-196.		0
51	The University of Michigan Imaging Assessment Tool (UM-IAT). MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0
52	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