

# Juan C Cendan

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

2,312  
citations

218677

26  
h-index

233421

45  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2339  
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of virtual patients to teach medical students history taking and communication skills. American Journal of Surgery, 2006, 191, 806-811.	1.8	172
2	Accuracy of Intraoperative Frozen-Section Analysis of Breast Cancer Lumpectomy-Bed Margins. Journal of the American College of Surgeons, 2005, 201, 194-198.	0.5	154
3	The Changing Face of Surgical Education: Simulation as the New Paradigm. Journal of Surgical Research, 2008, 147, 189-193.	1.6	144
4	Gastroesophageal reflux after sleeve gastrectomy in morbidly obese patients. Surgery for Obesity and Related Diseases, 2011, 7, 709-713.	1.2	143
5	Interdisciplinary Work Flow Assessment and Redesign Decreases Operating Room Turnover Time and Allows for Additional Caseload. Archives of Surgery, 2006, 141, 65.	2.2	105
6	Understanding empathy training with virtual patients. Computers in Human Behavior, 2015, 52, 151-158.	8.5	98
7	Tumor Cell Nitric Oxide Inhibits Cell Growth in Vitro, but Stimulates Tumorigenesis and Experimental Lung Metastasis in Vivo. Journal of Surgical Research, 1996, 63, 49-52.	1.6	91
8	Decreasing morbidity and mortality in 100 consecutive minimally invasive esophagectomies. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 162-167.	2.4	84
9	The use of virtual patients in medical school curricula. American Journal of Physiology - Advances in Physiology Education, 2012, 36, 48-53.	1.6	80
10	Second-hand exposure to aerosolized intravenous anesthetics propofol and fentanyl may cause sensitization and subsequent opiate addiction among anesthesiologists and surgeons. Medical Hypotheses, 2006, 66, 874-882.	1.5	62
11	Arterial therapy of hepatic colorectal metastases. British Journal of Surgery, 2005, 83, 447-455.	0.3	60
12	Differences in outcome between obese and nonobese patients following severe blunt trauma are not consistent with an early inflammatory genomic response. Critical Care Medicine, 2010, 38, 51-58.	0.9	55
13	Technique of Minimally Invasive Ivor Lewis Esophagogastrectomy with Intrathoracic Stapled Side-to-Side Anastomosis. Journal of Gastrointestinal Surgery, 2010, 14, 1613-1618.	1.7	48
14	PEG-BP-30 Monotherapy Attenuates the Cytokine-Mediated Inflammatory Cascade in Baboon Escherichia coli Septic Shock. Journal of Surgical Research, 1995, 59, 153-158.	1.6	45
15	Minimally Invasive Esophagectomy is Safe and Effective Following Neoadjuvant Chemoradiation Therapy. Annals of Surgical Oncology, 2011, 18, 3324-3329.	1.5	42
16	Changing the Student Clerkship from Traditional Lectures to Small Group Case-Based Sessions Benefits the Student and The Faculty. Journal of Surgical Education, 2011, 68, 117-120.	2.5	41
17	Inflammatory Mediators Stimulate Arginine Transport and Arginine-Derived Nitric Oxide Production in a Murine Breast Cancer Cell Line. Journal of Surgical Research, 1996, 60, 284-288.	1.6	40
18	Sentinel Lymph Node Biopsy for Ductal Carcinoma in Situ: An Evolving Approach at the University of Florida. Breast Journal, 2005, 11, 394-397.	1.0	38

#	ARTICLE	IF	CITATIONS
19	Two decades of student career choice at the University of Florida: increasingly a lifestyle decision. <i>American Surgeon</i> , 2003, 69, 53-5.	0.8	38
20	Endotoxin-Induced Nitric Oxide Production in Pulmonary Artery Endothelial Cells Is Regulated by Cytokines. <i>Archives of Surgery</i> , 1994, 129, 1296.	2.2	35
21	Utilization of Intensive Care Resources in Bariatric Surgery. <i>Obesity Surgery</i> , 2005, 15, 1247-1251.	2.1	31
22	Effects of bariatric surgery on joint pain: a review of emerging evidence. <i>Surgery for Obesity and Related Diseases</i> , 2010, 6, 451-460.	1.2	31
23	Obese Patients Show a Depressed Cytokine Profile Following Severe Blunt Injury. <i>Shock</i> , 2012, 37, 253-256.	2.1	29
24	Pre-clerkship medical students' perceptions of medical professionalism. <i>BMC Medical Education</i> , 2019, 19, 239.	2.4	29
25	High Score! - Motivation Strategies for User Participation in Virtual Human Development. <i>Lecture Notes in Computer Science</i> , 2010, , 482-488.	1.3	28
26	Increased l-arginine transport in a nitric oxide-producing metastatic colon cancer cell line. <i>Annals of Surgical Oncology</i> , 1996, 3, 501-508.	1.5	27
27	Traditional Resuscitative Practices Fail to Resolve Metabolic Acidosis in Morbidly Obese Patients After Severe Blunt Trauma. <i>Journal of Trauma</i> , 2010, 68, 317-330.	2.3	27
28	VR Simulation Leads to Enhanced Procedural Confidence for Surgical Trainees. <i>Journal of Surgical Education</i> , 2020, 77, 213-218.	2.5	26
29	Twenty-one cases of aortoenteric fistula: lessons for the general surgeon. <i>American Surgeon</i> , 2004, 70, 583-7; discussion 587.	0.8	26
30	Cytokines regulate endotoxin stimulation of endothelial cell arginine transport. <i>Surgery</i> , 1995, 117, 213-219.	1.9	25
31	Small Case Series of Gastric Stimulation for the Management of Transplant-Induced Gastroparesis. <i>Journal of Surgical Research</i> , 2008, 148, 90-93.	1.6	24
32	Breast-conserving therapy (BCT) for early-stage breast cancer. <i>Journal of Surgical Oncology</i> , 2004, 85, 14-27.	1.7	21
33	Should decisions on internal mammary lymph node irradiation be based on current lymphoscintigraphy techniques for sentinel lymph node identification?. <i>Cancer</i> , 2004, 100, 518-523.	4.1	19
34	Enhancing learning through optimal sequencing of web-based and manikin simulators to teach shock physiology in the medical curriculum. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2011, 35, 402-407.	1.6	19
35	Characterization and growth factor stimulation of l-arginine transport in a human colon cancer cell line. <i>Annals of Surgical Oncology</i> , 1995, 2, 257-265.	1.5	18
36	Advancing virtual patient simulations through design research and interPLAY: part I: design and development. <i>Educational Technology Research and Development</i> , 2016, 64, 763-785.	2.8	18

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37	Patients with Cushing's Syndrome are Care-Intensive Even in the Era of Laparoscopic Adrenalectomy. American Surgeon, 2009, 75, 279-283.	0.8	17
38	Description of Web-Enhanced Virtual Character Simulation System to Standardize Patient Hand-Offs. Journal of Surgical Research, 2011, 166, 176-181.	1.6	16
39	Quantitative and Qualitative Analysis of the Impact of Adoption of a Mobile Application for the Assessment of Professionalism in Medical Trainees. Academic Medicine, 2017, 92, S33-S42.	1.6	16
40	The Physical-Virtual Patient Simulator. Simulation in Healthcare, 2020, 15, 115-121.	1.2	16
41	Laparoscopic Repair of a Type II Endoleak. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2006, 16, 267-270.	1.0	15
42	Optimal learning in a virtual patient simulation of cranial nerve palsies: The interaction between social learning context and student aptitude. Medical Teacher, 2013, 35, e899-e907.	1.8	15
43	Virtual patient simulations and optimal social learning context: A replication of an aptitude-treatment interaction effect. Medical Teacher, 2014, 36, 486-494.	1.8	13
44	Primary Malfunction of a Peritoneal Dialysis Catheter Due to Encasement in an Encapsulating Sheath. Peritoneal Dialysis International, 2007, 27, 707-709.	2.3	12
45	Laparoscopic pancreatic surgery: What now and what next?. Current Gastroenterology Reports, 2009, 11, 128-133.	2.5	12
46	Surgeon-Authored Virtual Laparoscopic Adrenalectomy Module Is Judged Effective and Preferred Over Traditional Teaching Tools. Surgical Innovation, 2017, 24, 72-81.	0.9	12
47	Exploring students' [pre-pandemic] use and the impact of commercial-off-the-shelf learning platforms on students' national licensing exam performance: A focused review - BEME Guide No. 72. Medical Teacher, 2022, 44, 707-719.	1.8	12
48	Virtual multi-tools for hand and tool-based interaction with life-size virtual human agents. , 2009, , .		11
49	Patients with Cushing's syndrome are care-intensive even in the era of laparoscopic adrenalectomy. American Surgeon, 2009, 75, 279-83.	0.8	11
50	Surgery in the pregnant patient. Current Problems in Surgery, 2001, 38, A3-290.	1.1	9
51	Associated Neoplastic Disease in Inflammatory Bowel Disease. Surgical Clinics of North America, 2007, 87, 659-672.	1.5	9
52	Advancing virtual patient simulations through design research and interPLAY: part II - integration and field test. Educational Technology Research and Development, 2016, 64, 1301-1335.	2.8	9
53	Using Virtual Humans to Bootstrap the Creation of Other Virtual Humans. Lecture Notes in Computer Science, 2010, , 392-398.	1.3	9
54	Simulation for Training With the Autosuture TM Endo StitchTM Device. Surgical Innovation, 2006, 13, 283-287.	0.9	8

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55	A primer on standards setting as it applies to surgical education and credentialing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 2631-2637.	2.4	8
56	High-fidelity patient simulators to expose undergraduate students to the clinical relevance of physiology concepts. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 372-375.	1.6	7
57	Wanted. <i>Annals of Surgery</i> , 2018, 267, 619-620.	4.2	7
58	The impact of social context on learning and cognitive demands for interactive virtual human simulations. <i>PeerJ</i> , 2014, 2, e372.	2.0	7
59	Varying Blood Monocyte and Dendritic Cell Responses after Laparoscopic Versus Open Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2005, 15, 1424-1431.	2.1	6
60	Using Preclinical High-Fidelity Medical Simulations to Integrate Pharmacology and Physiology with Clinical Sciences. <i>Medical Science Educator</i> , 2015, 25, 521-532.	1.5	6
61	Primary malfunction of a peritoneal dialysis catheter due to encasement in an encapsulating sheath. <i>Peritoneal Dialysis International</i> , 2007, 27, 707-9.	2.3	6
62	Biliary tract cancer. <i>Current Opinion in Gastroenterology</i> , 1996, 12, 460-465.	2.3	5
63	Developing a multimedia environment for customized teaching of an adrenalectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007, 21, 1012-1016.	2.4	5
64	Metastatic Lobular Breast Cancer Presenting with Malignant Ascites: Case Report and Review of Literature. <i>Breast Journal</i> , 2003, 9, 414-416.	1.0	4
65	Linking simulation and visualization construction through interactions with an ontology visualization. , 2011, , .		4
66	User Response to the Simulation of a Virtual Patient with Cranial Nerve Injury. <i>Bio-Algorithms and Med-Systems</i> , 2012, 8, 1.	2.4	4
67	OSCE standards-setting procedure facilitated by digital technology. <i>Medical Education</i> , 2013, 47, 1132-1132.	2.1	4
68	Integration and Improvement of Teamwork Skills in First Year Medical Students by Using Physiology-Based High Fidelity Patient Simulations. <i>Medical Science Educator</i> , 2015, 25, 503-512.	1.5	4
69	Using Assessment Point Accumulation as a Guide to Identify Students at Risk for Interrupted Academic Progress. <i>Academic Medicine</i> , 2018, 93, 1663-1667.	1.6	4
70	Simultaneous fundoplication and gastric stimulation in a lung transplant recipient with gastroparesis and reflux. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2008, 12, 303-5.	1.1	4
71	Erosion of gastric pacemaker lead into small bowel. <i>Surgery for Obesity and Related Diseases</i> , 2006, 2, 531-532.	1.2	3
72	NERVE- A Three-Dimensional Patient Simulation for Evaluating Cranial Nerve Function. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 0, , .	1.2	3

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73	The Clinical Breast Exam: A Video and Animation Enhanced Self-Learning Module. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	3
74	Conversion of Jejunioileal Bypass to Silastic Ring Vertical Gastroplasty. Obesity Surgery, 1991, 1, 363-367.	2.1	2
75	Rigorous Curricular Innovation: Development, Integration, and Evaluation of Anatomic Clinical Correlations Module. Journal of Surgical Education, 2022, 79, 190-197.	2.5	2
76	NERVE, InterPLAY, and Design-Based Research: Advancing Experiential Learning and the Design of Virtual Patient Simulation. , 2018, , 1-50.		2
77	Increasing Studentsâ€™ Publication Productivity: Could Launching a University Scientific Journal be a Catalyst?. Cureus, 2019, 11, e3953.	0.5	2
78	Laparoscopic resection of a virilizing adrenocortical tumor. Journal of the Society of Laparoendoscopic Surgeons, 2008, 12, 343-6.	1.1	2
79	Towards a Reflective Practicum of Embodied Conversational Agent Experiences. , 2014, , .		1
80	Potential Conflicting Interests for Surgeons in End-of-Life Care. American Journal of Hospice and Palliative Medicine, 2015, 32, 763-766.	1.4	1
81	Using Visual Radar Graph Representation of Learner Achievement to Complement the RIME Framework. Academic Medicine, 2015, 90, 1425.	1.6	1
82	NERVE, InterPLAY, and Design-Based Research: Advancing Experiential Learning and the Design of Virtual Patient Simulation. , 2017, , 1-50.		1
83	Recovery of intestinal motility following end-to-end (EE) and functional end-to-end (FEE) anastomoses in the rat. Gastroenterology, 1995, 108, A1216.	1.3	0
84	Intra-operative analysis of lumpectomy margins: How effective and at what cost?. Journal of the American College of Surgeons, 2004, 199, 86-87.	0.5	0
85	Functional MRI detection of brain changes related to effectiveness of bariatric surgery as treatment for obesity. Surgery for Obesity and Related Diseases, 2005, 1, 264.	1.2	0
86	1â€“30 The Hottest Sentinel Lymph Node Is Not Always the Positive Node. Breast Diseases, 2005, 16, 61.	0.0	0
87	QS90. Transplant Recipients Respond Well to Gastric Stimulation for The Management of Gastroparesis. Journal of Surgical Research, 2008, 144, 303.	1.6	0
88	Patients with Cushing's syndrome are care-intensive even in the era of laparoscopic adrenalectomy. Yearbook of Endocrinology, 2010, 2010, 276-277.	0.0	0
89	Using Virtual Characters to Standardize Patient Hand-Offs in Surgical Training Programs - Description of a Novel System. Journal of Surgical Research, 2010, 158, 317-318.	1.6	0
90	The Effect of Participation in a Small-Group Discussion Session on Medical Student Learning of Intestinal Pathophysiology. Medical Science Educator, 2018, 28, 309-313.	1.5	0

#	ARTICLE	IF	CITATIONS
91	Matching vs. Non-Matching Visuals and Shape for Embodied Virtual Healthcare Agents. , 2019, , .		0