

# 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	Rigorous Curricular Innovation: Development, Integration, and Evaluation of Anatomic Clinical Correlations Module. <i>Journal of Surgical Education</i> , 2022, 79, 190-197.	2.5	2
2	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. <i>Medical Teacher</i> , 2022, 44, 707-719.	1.8	12
3	VR Simulation Leads to Enhanced Procedural Confidence for Surgical Trainees. <i>Journal of Surgical Education</i> , 2020, 77, 213-218.	2.5	26
4	The Physical-Virtual Patient Simulator. <i>Simulation in Healthcare</i> , 2020, 15, 115-121.	1.2	16
5	Pre-clerkship medical students' perceptions of medical professionalism. <i>BMC Medical Education</i> , 2019, 19, 239.	2.4	29
6	Matching vs. Non-Matching Visuals and Shape for Embodied Virtual Healthcare Agents. , 2019, , .		0
7	Increasing Students' Publication Productivity: Could Launching a University Scientific Journal be a Catalyst?. <i>Cureus</i> , 2019, 11, e3953.	0.5	2
8	The Effect of Participation in a Small-Group Discussion Session on Medical Student Learning of Intestinal Pathophysiology. <i>Medical Science Educator</i> , 2018, 28, 309-313.	1.5	0
9	Wanted. <i>Annals of Surgery</i> , 2018, 267, 619-620.	4.2	7
10	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
11	NERVE, InterPLAY, and Design-Based Research: Advancing Experiential Learning and the Design of Virtual Patient Simulation. , 2018, , 1-50.		2
12	Quantitative and Qualitative Analysis of the Impact of Adoption of a Mobile Application for the Assessment of Professionalism in Medical Trainees. <i>Academic Medicine</i> , 2017, 92, S33-S42.	1.6	16
13	Surgeon-Authored Virtual Laparoscopic Adrenalectomy Module Is Judged Effective and Preferred Over Traditional Teaching Tools. <i>Surgical Innovation</i> , 2017, 24, 72-81.	0.9	12
14	NERVE, InterPLAY, and Design-Based Research: Advancing Experiential Learning and the Design of Virtual Patient Simulation. , 2017, , 1-50.		1
15	Advancing virtual patient simulations through design research and interPLAY: part II – integration and field test. <i>Educational Technology Research and Development</i> , 2016, 64, 1301-1335.	2.8	9
16	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
17	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
18	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

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19	Potential Conflicting Interests for Surgeons in End-of-Life Care. <i>American Journal of Hospice and Palliative Medicine</i> , 2015, 32, 763-766.	1.4	1
20	Using Visual Radar Graph Representation of Learner Achievement to Complement the RIME Framework. <i>Academic Medicine</i> , 2015, 90, 1425.	1.6	1
21	Understanding empathy training with virtual patients. <i>Computers in Human Behavior</i> , 2015, 52, 151-158.	8.5	98
22	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
23	Towards a Reflective Practicum of Embodied Conversational Agent Experiences. , 2014, , .		1
24	Virtual patient simulations and optimal social learning context: A replication of an aptitude treatment interaction effect. <i>Medical Teacher</i> , 2014, 36, 486-494.	1.8	13
25	The impact of social context on learning and cognitive demands for interactive virtual human simulations. <i>PeerJ</i> , 2014, 2, e372.	2.0	7
26	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
27	Optimal learning in a virtual patient simulation of cranial nerve palsies: The interaction between social learning context and student aptitude. <i>Medical Teacher</i> , 2013, 35, e899-e907.	1.8	15
28	OSCE standards-setting procedure facilitated by digital technology. <i>Medical Education</i> , 2013, 47, 1132-1132.	2.1	4
29	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
30	The use of virtual patients in medical school curricula. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2012, 36, 48-53.	1.6	80
31	Obese Patients Show a Depressed Cytokine Profile Following Severe Blunt Injury. <i>Shock</i> , 2012, 37, 253-256.	2.1	29
32	Decreasing morbidity and mortality in 100 consecutive minimally invasive esophagectomies. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 162-167.	2.4	84
33	Gastroesophageal reflux after sleeve gastrectomy in morbidly obese patients. <i>Surgery for Obesity and Related Diseases</i> , 2011, 7, 709-713.	1.2	143
34	Description of Web-Enhanced Virtual Character Simulation System to Standardize Patient Hand-Offs. <i>Journal of Surgical Research</i> , 2011, 166, 176-181.	1.6	16
35	Changing the Student Clerkship from Traditional Lectures to Small Group Case-Based Sessions Benefits the Student and The Faculty. <i>Journal of Surgical Education</i> , 2011, 68, 117-120.	2.5	41
36	Minimally Invasive Esophagectomy is Safe and Effective Following Neoadjuvant Chemoradiation Therapy. <i>Annals of Surgical Oncology</i> , 2011, 18, 3324-3329.	1.5	42

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37	Linking simulation and visualization construction through interactions with an ontology visualization. , 2011, , .		4
38	Enhancing learning through optimal sequencing of web-based and manikin simulators to teach shock physiology in the medical curriculum. American Journal of Physiology - Advances in Physiology Education, 2011, 35, 402-407.	1.6	19
39	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
40	Traditional Resuscitative Practices Fail to Resolve Metabolic Acidosis in Morbidly Obese Patients After Severe Blunt Trauma. Journal of Trauma, 2010, 68, 317-330.	2.3	27
41	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
42	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
43	Effects of bariatric surgery on joint pain: a review of emerging evidence. Surgery for Obesity and Related Diseases, 2010, 6, 451-460.	1.2	31
44	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
45	Using Virtual Humans to Bootstrap the Creation of Other Virtual Humans. Lecture Notes in Computer Science, 2010, , 392-398.	1.3	9
46	High Score! - Motivation Strategies for User Participation in Virtual Human Development. Lecture Notes in Computer Science, 2010, , 482-488.	1.3	28
47	Patients with Cushing's Syndrome are Care-Intensive Even in the Era of Laparoscopic Adrenalectomy. American Surgeon, 2009, 75, 279-283.	0.8	17
48	Virtual multi-tools for hand and tool-based interaction with life-size virtual human agents. , 2009, , .		11
49	Laparoscopic pancreatic surgery: What now and what next?. Current Gastroenterology Reports, 2009, 11, 128-133.	2.5	12
50	Patients with Cushing's syndrome are care-intensive even in the era of laparoscopic adrenalectomy. American Surgeon, 2009, 75, 279-83.	0.8	11
51	QS90. Transplant Recipients Respond Well to Gastric Stimulation for The Management of Gastroparesis. Journal of Surgical Research, 2008, 144, 303.	1.6	0
52	The Changing Face of Surgical Education: Simulation as the New Paradigm. Journal of Surgical Research, 2008, 147, 189-193.	1.6	144
53	Small Case Series of Gastric Stimulation for the Management of Transplant-Induced Gastroparesis. Journal of Surgical Research, 2008, 148, 90-93.	1.6	24
54	Laparoscopic resection of a virilizing adrenocortical tumor. Journal of the Society of Laparoendoscopic Surgeons, 2008, 12, 343-6.	1.1	2

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55	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
56	Associated Neoplastic Disease in Inflammatory Bowel Disease. <i>Surgical Clinics of North America</i> , 2007, 87, 659-672.	1.5	9
57	Primary Malfunction of a Peritoneal Dialysis Catheter Due to Encasement in an Encapsulating Sheath. <i>Peritoneal Dialysis International</i> , 2007, 27, 707-709.	2.3	12
58	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
59	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
60	Erosion of gastric pacemaker lead into small bowel. <i>Surgery for Obesity and Related Diseases</i> , 2006, 2, 531-532.	1.2	3
61	The use of virtual patients to teach medical students history taking and communication skills. <i>American Journal of Surgery</i> , 2006, 191, 806-811.	1.8	172
62	Second-hand exposure to aerosolized intravenous anesthetics propofol and fentanyl may cause sensitization and subsequent opiate addiction among anesthesiologists and surgeons. <i>Medical Hypotheses</i> , 2006, 66, 874-882.	1.5	62
63	Interdisciplinary Work Flow Assessment and Redesign Decreases Operating Room Turnover Time and Allows for Additional Caseload. <i>Archives of Surgery</i> , 2006, 141, 65.	2.2	105
64	Laparoscopic Repair of a Type II Endoleak. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2006, 16, 267-270.	1.0	15
65	Simulation for Training With the Autosuture TM Endo StitchTM Device. <i>Surgical Innovation</i> , 2006, 13, 283-287.	0.9	8
66	Utilization of Intensive Care Resources in Bariatric Surgery. <i>Obesity Surgery</i> , 2005, 15, 1247-1251.	2.1	31
67	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
68	Sentinel Lymph Node Biopsy for Ductal Carcinoma in Situ: An Evolving Approach at the University of Florida. <i>Breast Journal</i> , 2005, 11, 394-397.	1.0	38
69	Accuracy of Intraoperative Frozen-Section Analysis of Breast Cancer Lumpectomy-Bed Margins. <i>Journal of the American College of Surgeons</i> , 2005, 201, 194-198.	0.5	154
70	Arterial therapy of hepatic colorectal metastases. <i>British Journal of Surgery</i> , 2005, 83, 447-455.	0.3	60
71	Functional MRI detection of brain changes related to effectiveness of bariatric surgery as treatment for obesity. <i>Surgery for Obesity and Related Diseases</i> , 2005, 1, 264.	1.2	0
72	1â€“30 The Hottest Sentinel Lymph Node Is Not Always the Positive Node. <i>Breast Diseases</i> , 2005, 16, 61.	0.0	0

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73	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
74	Should decisions on internal mammary lymph node irradiation be based on current lymphoscintigraphy techniques for sentinel lymph node identification?. Cancer, 2004, 100, 518-523.	4.1	19
75	Breast-conserving therapy (BCT) for early-stage breast cancer. Journal of Surgical Oncology, 2004, 85, 14-27.	1.7	21
76	Twenty-one cases of aortoenteric fistula: lessons for the general surgeon. American Surgeon, 2004, 70, 583-7; discussion 587.	0.8	26
77	Metastatic Lobular Breast Cancer Presenting with Malignant Ascites: Case Report and Review of Literature. Breast Journal, 2003, 9, 414-416.	1.0	4
78	Two decades of student career choice at the University of Florida: increasingly a lifestyle decision. American Surgeon, 2003, 69, 53-5.	0.8	38
79	Surgery in the pregnant patient. Current Problems in Surgery, 2001, 38, A3-290.	1.1	9
80	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
81	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
82	Biliary tract cancer. Current Opinion in Gastroenterology, 1996, 12, 460-465.	2.3	5
83	Increased l-arginine transport in a nitric oxide-producing metastatic colon cancer cell line. Annals of Surgical Oncology, 1996, 3, 501-508.	1.5	27
84	Characterization and growth factor stimulation of l-arginine transport in a human colon cancer cell line. Annals of Surgical Oncology, 1995, 2, 257-265.	1.5	18
85	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
86	Cytokines regulate endotoxin stimulation of endothelial cell arginine transport. Surgery, 1995, 117, 213-219.	1.9	25
87	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
88	Endotoxin-Induced Nitric Oxide Production in Pulmonary Artery Endothelial Cells Is Regulated by Cytokines. Archives of Surgery, 1994, 129, 1296.	2.2	35
89	Conversion of Jejunioileal Bypass to Silastic Ring Vertical Gastroplasty. Obesity Surgery, 1991, 1, 363-367.	2.1	2
90	NERVE- A Three-Dimensional Patient Simulation for Evaluating Cranial Nerve Function. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	3

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91	The Clinical Breast Exam: A Video and Animation Enhanced Self-Learning Module. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	3