

# Jonathan C Silverstein

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

826  
citations

471509

17  
h-index

526287

27  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1357  
citing authors

#	ARTICLE	IF	CITATIONS
1	The science of Learning Health Systems: Foundations for a new journal. Learning Health Systems, 2017, 1, e10020.	2.0	112
2	Primary care physician PSA screening practices before and after the final U.S. Preventive Services Task Force recommendation. Urologic Oncology: Seminars and Original Investigations, 2014, 32, 41.e23-41.e30.	1.6	74
3	In-hospital Complications and Mortality After Elective Spinal Fusion Surgery in the United States. Journal of Neurosurgical Anesthesiology, 2009, 21, 21-30.	1.2	68
4	CAPriCORN: Chicago Area Patient-Centered Outcomes Research Network. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 607-611.	4.4	45
5	Synergies and Distinctions Between Computational Disciplines in Biomedical Research: Perspective From the Clinical and Translational Science Award Programs. Academic Medicine, 2009, 84, 964-970.	1.6	39
6	Virtual reality: Immersive hepatic surgery educational environment. Surgery, 2002, 132, 274-277.	1.9	36
7	Factors influencing malignant mesothelioma survival: a retrospective review of the National Mesothelioma Virtual Bank cohort. F1000Research, 0, 7, 1184.	1.6	31
8	Quality improvement and practice-based research in neurology using the electronic medical record. Neurology: Clinical Practice, 2015, 5, 419-429.	1.6	30
9	Translational integrity and continuity: Personalized biomedical data integration. Journal of Biomedical Informatics, 2009, 42, 100-112.	4.3	28
10	Zodiac: A Comprehensive Depiction of Genetic Interactions in Cancer by Integrating TCGA Data. Journal of the National Cancer Institute, 2015, 107, .	6.3	27
11	Increasing compliance with the World Health Organization Surgical Safety Checklist—A regional health system's experience. American Journal of Surgery, 2017, 214, 7-13.	1.8	24
12	Factors influencing malignant mesothelioma survival: a retrospective review of the National Mesothelioma Virtual Bank cohort. F1000Research, 2018, 7, 1184.	1.6	23
13	Are Your Asset Data as Good as You Think? Conducting a Comprehensive Census of Built Assets to Improve Urban Population Health. Journal of Urban Health, 2013, 90, 586-601.	3.6	19
14	rs4771122 Predicts Multiple Measures of Long-Term Weight Loss After Bariatric Surgery. Obesity Surgery, 2015, 25, 2225-2229.	2.1	19
15	Predicting Pulmonary Function from Phone Sensors. Telemedicine Journal and E-Health, 2017, 23, 913-919.	2.8	19
16	An optimized web-based approach for collaborative stereoscopic medical visualization. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 535-543.	4.4	17
17	Comparison of tumor markers for predicting outcomes after resection of nonfunctioning pancreatic neuroendocrine tumors. Surgery, 2014, 156, 1504-1511.	1.9	17
18	Transforming the future of health together: The Learning Health Systems Consensus Action Plan. Learning Health Systems, 2018, 2, e10055.	2.0	17

#	ARTICLE	IF	CITATIONS
19	Automatic perceptual color map generation for realistic volume visualization. Journal of Biomedical Informatics, 2008, 41, 927-935.	4.3	15
20	Unintended consequences of health information technology: A need for biomedical informatics. Journal of Biomedical Informatics, 2010, 43, 828-830.	4.3	14
21	Use of a Novel, Web-Based Educational Platform Facilitates Intraoperative Training in a Surgical Oncology Fellowship Program. Annals of Surgical Oncology, 2009, 16, 1100-1107.	1.5	11
22	An atomic approach to the design and implementation of a research data warehouse. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 601-608.	4.4	11
23	Scalability and cost of a cloud-based approach to medical NLP. , 2011, , .		8
24	Integration of cancer registry data into the text information extraction system: Leveraging the structured data import tool. Journal of Pathology Informatics, 2018, 9, 47.	1.7	8
25	Continuous, Data-Rich Appraisal of Surgical Trainees' Operative Abilities: A Novel Approach for Measuring Performance and Providing Feedback. Journal of Surgical Education, 2009, 66, 255-263.	2.5	7
26	DeepBiomarker: Identifying Important Lab Tests from Electronic Medical Records for the Prediction of Suicide-Related Events among PTSD Patients. Journal of Personalized Medicine, 2022, 12, 524.	2.5	7
27	Health IT vendors and the academic community: The 2014 ACMI debate. Journal of Biomedical Informatics, 2016, 60, 365-375.	4.3	6
28	Prediction of Suicide-Related Events by Analyzing Electronic Medical Records from PTSD Patients with Bipolar Disorder. Brain Sciences, 2020, 10, 784.	2.3	6
29	Classification Models for Pulmonary Function using Motion Analysis from Phone Sensors. AMIA ... Annual Symposium proceedings, 2016, 2016, 401-410.	0.2	5
30	Immersive virtual anatomy course using a cluster of volume visualization machines and passive stereo. Studies in Health Technology and Informatics, 2007, 125, 439-44.	0.3	5
31	Multi-parallel open technology to enable collaborative volume visualization: how to create global immersive virtual anatomy classrooms. Studies in Health Technology and Informatics, 2008, 132, 463-8.	0.3	5
32	CoWebViz. , 2010, , .		4
33	An Emulation of Randomized Trials of Administrating Antipsychotics in PTSD Patients for Outcomes of Suicide-Related Events. Journal of Personalized Medicine, 2021, 11, 178.	2.5	4
34	Web-based stereoscopic visualization for the global anatomy classroom. Studies in Health Technology and Informatics, 2011, 163, 264-70.	0.3	4
35	Precisely Exploring Medical Models and Volumes in Collaborative Virtual Reality. Presence: Teleoperators and Virtual Environments, 2005, 14, 47-59.	0.6	3
36	Tele-immersion: Preferred infrastructure for anatomy instruction. Journal of Computing in Higher Education, 2006, 18, 80-93.	6.1	3

#	ARTICLE	IF	CITATIONS
37	An Automatic Female Pelvic Medicine and Reconstructive Surgery Registry and Complications Manager Developed in an Electronic Medical Record. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2014, 20, 302-304.	1.1	3
38	In Response to: What Is a Grid?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008, 15, 705-706.	4.4	2
39	Training fellows and core competency: "Making quality certain". <i>Journal of Surgical Oncology</i> , 2009, 99, 83-84.	1.7	2
40	Three-Dimensional Stereoscopic Volume Rendering of Malignant Pleural Mesothelioma. <i>International Surgery</i> , 2012, 97, 65-70.	0.1	2
41	Open-source Software Sustainability Models: Initial White Paper From the Informatics Technology for Cancer Research Sustainability and Industry Partnership Working Group. <i>Journal of Medical Internet Research</i> , 2021, 23, e20028.	4.3	2
42	Distributed collaborative radiological visualization using access grid. <i>Studies in Health Technology and Informatics</i> , 2005, 111, 477-81.	0.3	2
43	Fractionated Irradiation of the Regenerated Rat Liver. <i>Journal of Surgical Research</i> , 1995, 59, 229-235.	1.6	1
44	Developing performance criteria for the e-Pelvis simulator using visual analysis. <i>Studies in Health Technology and Informatics</i> , 2007, 125, 436-8.	0.3	1
45	Web-based entry, validation, and reporting of resident operative experience. <i>Journal of Surgical Education</i> , 1999, 56, 161-164.	0.7	0
46	Enhancing radiological volumes with symbolic anatomy using image fusion and collaborative virtual reality. <i>Studies in Health Technology and Informatics</i> , 2004, 98, 347-52.	0.3	0
47	Automated renderer for visible human and volumetric scan segmentations. <i>Studies in Health Technology and Informatics</i> , 2005, 111, 473-6.	0.3	0
48	Web-based viewer for systematic combination of anatomy and nomenclature. <i>Studies in Health Technology and Informatics</i> , 2006, 119, 518-22.	0.3	0