Jonathan C Silverstein

List of Publications by Year
in descending order

48	826	471509 17	526287 27
papers	citations	h-index	g-index

55	55	55	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Open-source Software Sustainability Models: Initial White Paper From the Informatics Technology for Cancer Research Sustainability and Industry Partnership Working Group. Journal of Medical Internet Research, 2021, 23, e20028.	4.3	2
5	Prediction of Suicide-Related Events by Analyzing Electronic Medical Records from PTSD Patients with Bipolar Disorder. Brain Sciences, 2020, 10, 784.	2.3	6
6	Transforming the future of health together: The <scp>Learning Health Systems Consensus Action Plan</scp>. Learning Health Systems, 2018, 2, e10055.	2.0	17
7	Factors influencing malignant mesothelioma survival: a retrospective review of the National Mesothelioma Virtual Bank cohort. F1000Research, 2018, 7, 1184.	1.6	23
8	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
9	Predicting Pulmonary Function from Phone Sensors. Telemedicine Journal and E-Health, 2017, 23, 913-919.	2.8	19
10	The science of <scp>Learning Health Systems</scp>: Foundations for a new journal. Learning Health Systems, 2017, 1, e10020.	2.0	112
11	Increasing compliance with the World Health Organization Surgical Safety Checklistâ€"A regional health system's experience. American Journal of Surgery, 2017, 214, 7-13.	1.8	24
12	Health IT vendors and the academic community: The 2014 ACMI debate. Journal of Biomedical Informatics, 2016, 60, 365-375.	4.3	6
13	Classification Models for Pulmonary Function using Motion Analysis from Phone Sensors. AMIA ... Annual Symposium proceedings, 2016, 2016, 401-410.	0.2	5
14	rs4771122 Predicts Multiple Measures of Long-Term Weight Loss After Bariatric Surgery. Obesity Surgery, 2015, 25, 2225-2229.	2.1	19
15	Zodiac: A Comprehensive Depiction of Genetic Interactions in Cancer by Integrating TCGA Data. Journal of the National Cancer Institute, 2015, 107, .	6.3	27
16	Quality improvement and practice-based research in neurology using the electronic medical record. Neurology: Clinical Practice, 2015, 5, 419-429.	1.6	30
17	An Automatic Female Pelvic Medicine and Reconstructive Surgery Registry and Complications Manager Developed in an Electronic Medical Record. Female Pelvic Medicine and Reconstructive Surgery, 2014, 20, 302-304.	1.1	3
18	Comparison of tumor markers for predicting outcomes after resection of nonfunctioning pancreatic neuroendocrine tumors. Surgery, 2014, 156, 1504-1511.	1.9	17

#	Article	IF	Citations
19	CAPriCORN: Chicago Area Patient-Centered Outcomes Research Network. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 607-611.	4.4	45
20	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
21	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
22	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
23	Three-Dimensional Stereoscopic Volume Rendering of Malignant Pleural Mesothelioma. International Surgery, 2012, 97, 65-70.	0.1	2
24	Scalability and cost of a cloud-based approach to medical NLP. , 2011, , .		8
25	Web-based stereoscopic visualization for the global anatomy classroom. Studies in Health Technology and Informatics, 2011, 163, 264-70.	0.3	4
26	Unintended consequences of health information technology: A need for biomedical informatics. Journal of Biomedical Informatics, 2010, 43, 828-830.	4.3	14
27	CoWebViz. , 2010, , .		4
28	Translational integrity and continuity: Personalized biomedical data integration. Journal of Biomedical Informatics, 2009, 42, 100-112.	4.3	28
29	Training fellows and core competency: â€œMaking quality certainâ€• Journal of Surgical Oncology, 2009, 99, 83-84.	1.7	2
30	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
31	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
32	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
33	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
34	Automatic perceptual color map generation for realistic volume visualization. Journal of Biomedical Informatics, 2008, 41, 927-935.	4.3	15
35	In Response to: What Is a Grid?. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 705-706.	4.4	2
36	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

#	Article	IF	Citations
37	Developing performance criteria for the e-Pelvis simulator using visual analysis. Studies in Health Technology and Informatics, 2007, 125, 436-8.	0.3	1
38	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
39	Tele-immersion: Preferred infrastructure for anatomy instruction. Journal of Computing in Higher Education, 2006, 18, 80-93.	6.1	3
40	Web-based viewer for systematic combination of anatomy and nomenclature. Studies in Health Technology and Informatics, 2006, 119, 518-22.	0.3	0
41	Precisely Exploring Medical Models and Volumes in Collaborative Virtual Reality. Presence: Teleoperators and Virtual Environments, 2005, 14, 47-59.	0.6	3
42	Automated renderer for visible human and volumetric scan segmentations. Studies in Health Technology and Informatics, 2005, 111, 473-6.	0.3	0
43	Distributed collaborative radiological visualization using access grid. Studies in Health Technology and Informatics, 2005, 111, 477-81.	0.3	2
44	Enhancing radiological volumes with symbolic anatomy using image fusion and collaborative virtual reality. Studies in Health Technology and Informatics, 2004, 98, 347-52.	0.3	0
45	Virtual reality: Immersive hepatic surgery educational environment. Surgery, 2002, 132, 274-277.	1.9	36
46	Web-based entry, validation, and reporting of resident operative experience. Journal of Surgical Education, 1999, 56, 161-164.	0.7	0
47	Fractionated Irradiation of the Regenerated Rat Liver. Journal of Surgical Research, 1995, 59, 229-235.	1.6	1
48	Factors influencing malignant mesothelioma survival: a retrospective review of the National Mesothelioma Virtual Bank cohort. F1000Research, 0, 7, 1184.	1.6	31