Justin B Starren

List of Publications by Year
in descending order

68 papers	4,002 citations	117625 34 h-index	118850 62 g-index
68 all docs	68 docs citations	68 times ranked	5019 citing authors

#	Article	IF	Citations
1	Design Features of Graphs in Health Risk Communication: A Systematic Review. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 608-618.	4.4	454
2	Frequency of Serum Creatinine Changes in the Absence of Iodinated Contrast Material: Implications for Studies of Contrast Nephrotoxicity. American Journal of Roentgenology, 2008, 191, 376-382.	2.2	306
3	A Randomized Trial Comparing Telemedicine Case Management with Usual Care in Older, Ethnically Diverse, Medically Underserved Patients with Diabetes Mellitus: 5 Year Results of the IDEATel Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 446-456.	4.4	295
4	A Randomized Trial Comparing Telemedicine Case Management with Usual Care in Older, Ethnically Diverse, Medically Underserved Patients with Diabetes Mellitus. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 40-51.	4.4	278
5	Development, Validation, and Use of English and Spanish Versions of the Telemedicine Satisfaction and Usefulness Questionnaire. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 660-667.	4.4	181
6	Columbia University's Informatics for Diabetes Education and Telemedicine (IDEATel) Project: Rationale and Design. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 49-62.	4.4	162
7	Anticipating and addressing the unintended consequences of health IT and policy: a report from the AMIA 2009 Health Policy Meeting. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 82-90.	4.4	135
8	Natural Language Processing for EHR-Based Pharmacovigilance: A Structured Review. Drug Safety, 2017, 40, 1075-1089.	3.2	133
9	Columbia University's Informatics for Diabetes Education and Telemedicine (IDEATel) Project: Technical Implementation. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 25-36.	4.4	112
10	Mapping the evolving definitions of translational research. Journal of Clinical and Translational Science, 2017, 1, 60-66.	0.6	111
11	Importance of multi-modal approaches to effectively identify cataract cases from electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 225-234.	4.4	106
12	Telemedicine for Retinopathy of Prematurity Diagnosis: Evaluation and Challenges. Survey of Ophthalmology, 2009, 54, 671-685.	4.0	105
13	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
14	Breaking the Translational Barriers: The Value of Integrating Biomedical Informatics and Translational Research. Journal of Investigative Medicine, 2005, 53, 192-200.	1.6	86
15	Practical challenges in integrating genomic data into the electronic health record. Genetics in Medicine, 2013, 15, 772-778.	2.4	85
16	Crossing the Omic Chasm. JAMA - Journal of the American Medical Association, 2013, 309, 1237.	7.4	74
17	CSER and eMERGE: current and potential state of the display of genetic information in the electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1231-1242.	4.4	73
18	Automating Content Extraction of HTML Documents. World Wide Web, 2005, 8, 179-224.	4.0	71

#	ARTICLE	IF	CITATIONS
19	Depression and Glycemic Control in Elderly Ethnically Diverse Patients With Diabetes. Diabetes Care, 2006, 29, 830-835.	8.6	68
20	Provider perspectives on the integration of patient-reported outcomes in an electronic health record. JAMIA Open, 2019, 2, 73-80.	2.0	65
21	Opportunities for genomic clinical decision support interventions. Genetics in Medicine, 2013, 15, 817-823.	2.4	63
22	Segment convolutional neural networks (Seg-CNNs) for classifying relations in clinical notes. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 93-98.	4.4	62
23	Enabling a Learning Health System through a Unified Enterprise Data Warehouse: The Experience of the Northwestern University Clinical and Translational Sciences (NUCATS) Institute. Clinical and Translational Science, 2015, 8, 269-271.	3.1	61
24	Design patterns for the development of electronic health record-driven phenotype extraction algorithms. Journal of Biomedical Informatics, 2014, 51, 280-286.	4.3	55
25	Computer and World Wide Web Accessibility by Visually Disabled Patients: Problems and Solutions. Survey of Ophthalmology, 2005, 50, 394-405.	4.0	52
26	Psychosocial Outcomes of Telemedicine Case Management for Elderly Patients With Diabetes: The randomized IDEATel trial. Diabetes Care, 2007, 30, 1266-1268.	8.6	51
27	Practical considerations in genomic decision support: The eMERGE experience. Journal of Pathology Informatics, 2015, 6, 50.	1.7	42
28	Marital quality and diabetes outcomes: The IDEATel Project.. Families, Systems and Health, 2006, 24, 318-331.	0.6	41
29	Telemedical diagnosis of retinopathy of prematurity: accuracy of expert versus non-expert graders. British Journal of Ophthalmology, 2010, 94, 351-356.	3.9	41
30	Primary Care Providers? Perceptions of Home Diabetes Telemedicine Care in the IDEATel Project. Journal of Rural Health, 2007, 23, 55-61.	2.9	40
31	Medicare payments, healthcare service use, and telemedicine implementation costs in a randomized trial comparing telemedicine case management with usual care in medically underserved participants with diabetes mellitus (IDEATel). Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 196-202.	4.4	40
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	Development of an optical character recognition pipeline for handwritten form fields from an electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e90-e95.	4.4	36
34	An Object-oriented Taxonomy of Medical Data Presentations. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 1-20.	4.4	34
35	Redesigning a Telehealth Diabetes Management Program for a Digital Divide Seniors Population. Home Health Care Management and Practice, 2006, 18, 223-234.	1.0	31
36	Evaluation of a remote training approach for teaching seniors to use a telehealth system. International Journal of Medical Informatics, 2009, 78, 732-744.	3.3	30

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37	Pharmacogenomic clinical decision support design and multi-site process outcomes analysis in the eMERGE Network. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 143-148.	4.4	28
38	Parental perceptions toward digital imaging and telemedicine for retinopathy of prematurity management. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 141-147.	1.9	25
39	Quantifying Visual Similarity in Clinical Iconic Graphics. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 338-345.	4.4	22
40	Practical considerations for implementing genomic information resources. Applied Clinical Informatics, 2016, 07, 870-882.	1.7	21
41	Core informatics competencies for clinical and translational scientists: what do our customers and collaborators need to know?. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 835-839.	4.4	19
42	An ancillary genomics system to support the return of pharmacogenomic results. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 306-310.	4.4	18
43	A conceptual model for translating omic data into clinical action. Journal of Pathology Informatics, 2015, 6, 46.	1.7	17
44	Detection and remediation of medically urgent situations using telemedicine case management for older patients with diabetes mellitus. Therapeutics and Clinical Risk Management, 2007, 3, 485-9.	2.0	15
45	Quantification of the Clinical Modifiers Impacting High-Density Lipoprotein Cholesterol in the Community: Personalized Medicine Research Project. Preventive Cardiology, 2010, 13, 63-68.	1.1	13
46	Biomedical informatics meets data science: current state and future directions for interaction. JAMIA Open, 2018, 1, 136-141.	2.0	13
47	A retrospective look at the predictions and recommendations from the 2009 AMIA policy meeting: did we see EHR-related clinician burnout coming?. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 948-954.	4.4	12
48	Children's contributions to designing a communication tool for children with cancer. Studies in Health Technology and Informatics, 2007, 129, 977-82.	0.3	10
49	A Template for Authoring and Adapting Genomic Medicine Content in the eMERGE Infobutton Project. AMIA ... Annual Symposium proceedings, 2014, 2014, 944-53.	0.2	9
50	PGS: a tool for association study of high-dimensional microRNA expression data with repeated measures. Bioinformatics, 2014, 30, 2802-2807.	4.1	7
51	The Implementation Chasm Hindering Genome-informed Health Care. Journal of Law, Medicine and Ethics, 2020, 48, 119-125.	0.9	7
52	Desiderata for Personal Electronic Communication in Clinical Systems. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 209-216.	4.4	6
53	The Role of Nonverbal and Verbal Communication in a Multimedia Informed Consent Process. Applied Clinical Informatics, 2011, 02, 240-249.	1.7	6
54	Proof of concept for the role of glycemic control in the early detection of infections in diabetics. Health Informatics Journal, 2012, 18, 26-35.	2.1	6

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55	Medical providers' dental information needs: a baseline survey. Studies in Health Technology and Informatics, 2011, 169, 387-91.	0.3	6
56	Children as design partners in the development of a support system for children with cancer. Studies in Health Technology and Informatics, 2006, 122, 80-5.	0.3	5
57	Improving Clinical Trial Participant Tracking Tools Using Knowledge-anchored Design Methodologies. Applied Clinical Informatics, 2010, 01, 177-196.	1.7	4
58	Infobuttons for Genomic Medicine: Requirements and Barriers. Applied Clinical Informatics, 2021, 12, 383-390.	1.7	3
59	Examining perspectives on the adoption and use of computer-based patient-reported outcomes among clinicians and health professionals: a Q methodology study. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 443-452.	4.4	3
60	Ir gene-controlled response to haptenated hen ovomucoid: Isotypic specificity and dominant nonresponsiveness. Cellular Immunology, 1987, 104, 59-70.	3.0	2
61	Characterizing Design Patterns of EHR-Driven Phenotype Extraction Algorithms. , 2018, , .		2
62	Solutions for Unexpected Challenges Encountered when Integrating Research Genomics Results into the EHR. ACI Open, 2020, 04, e132-e135.	0.5	2
63	Development of Food Allergy Data Dictionary: Toward a Food Allergy Data Commons. Journal of Allergy and Clinical Immunology: in Practice, 2022, , .	3.8	2
64	The Genomic Medical Record and Omic Ancillary Systems. Computers in Health Care, 2020, , 253-275.	0.3	1
65	Rich Text Formatted EHR Narratives: A Hidden and Ignored Trove. Studies in Health Technology and Informatics, 2019, 264, 472-476.	0.3	1
66	Review: no clear benefit from information and communication technology-delivered support and education compared with standard care in people with schizophrenia. Evidence-Based Mental Health, 2013, 16, 43-43.	4.5	0
67	Mapping Food Allergy Data to a Standard Data Model. Journal of Allergy and Clinical Immunology, 2021, 147, AB118.	2.9	0
68	Developing Structured Data Entry Forms for Food Allergy Clinical Documentation in The Electronic Health Record. Journal of Allergy and Clinical Immunology, 2022, 149, AB45.	2.9	0