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	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
2	Development of Food Allergy Data Dictionary: Toward a Food Allergy Data Commons. Journal of Allergy and Clinical Immunology: in Practice, 2022, , .	3.8	2
3	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
4	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
5	Mapping Food Allergy Data to a Standard Data Model. Journal of Allergy and Clinical Immunology, 2021, 147, AB118.	2.9	0
6	Infobuttons for Genomic Medicine: Requirements and Barriers. Applied Clinical Informatics, 2021, 12, 383-390.	1.7	3
7	The Implementation Chasm Hindering Genome-informed Health Care. Journal of Law, Medicine and Ethics, 2020, 48, 119-125.	0.9	7
8	The Genomic Medical Record and Omic Ancillary Systems. Computers in Health Care, 2020, , 253-275.	0.3	1
9	Solutions for Unexpected Challenges Encountered when Integrating Research Genomics Results into the EHR. ACI Open, 2020, 04, e132-e135.	0.5	2
10	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
11	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
12	Provider perspectives on the integration of patient-reported outcomes in an electronic health record. JAMIA Open, 2019, 2, 73-80.	2.0	65
13	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
14	Rich Text Formatted EHR Narratives: A Hidden and Ignored Trove. Studies in Health Technology and Informatics, 2019, 264, 472-476.	0.3	1
15	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
16	Biomedical informatics meets data science: current state and future directions for interaction. JAMIA Open, 2018, 1, 136-141.	2.0	13
17	Characterizing Design Patterns of EHR-Driven Phenotype Extraction Algorithms. , 2018, , .		2
18	Mapping the evolving definitions of translational research. Journal of Clinical and Translational Science, 2017, 1, 60-66.	0.6	111

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19	Natural Language Processing for EHR-Based Pharmacovigilance: A Structured Review. Drug Safety, 2017, 40, 1075-1089.	3.2	133
20	Practical considerations for implementing genomic information resources. Applied Clinical Informatics, 2016, 07, 870-882.	1.7	21
21	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
22	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
23	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
24	A conceptual model for translating omic data into clinical action. Journal of Pathology Informatics, 2015, 6, 46.	1.7	17
25	Practical considerations in genomic decision support: The eMERGE experience. Journal of Pathology Informatics, 2015, 6, 50.	1.7	42
26	PGS: a tool for association study of high-dimensional microRNA expression data with repeated measures. Bioinformatics, 2014, 30, 2802-2807.	4.1	7
27	Design patterns for the development of electronic health record-driven phenotype extraction algorithms. Journal of Biomedical Informatics, 2014, 51, 280-286.	4.3	55
28	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
29	Crossing the Omic Chasm. JAMA - Journal of the American Medical Association, 2013, 309, 1237.	7.4	74
30	Practical challenges in integrating genomic data into the electronic health record. Genetics in Medicine, 2013, 15, 772-778.	2.4	85
31	Opportunities for genomic clinical decision support interventions. Genetics in Medicine, 2013, 15, 817-823.	2.4	63
32	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
33	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
34	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
35	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
36	The Role of Nonverbal and Verbal Communication in a Multimedia Informed Consent Process. Applied Clinical Informatics, 2011, 02, 240-249.	1.7	6

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37	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
38	Medical providers' dental information needs: a baseline survey. Studies in Health Technology and Informatics, 2011, 169, 387-91.	0.3	6
39	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
40	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
41	Improving Clinical Trial Participant Tracking Tools Using Knowledge-anchored Design Methodologies. Applied Clinical Informatics, 2010, 01, 177-196.	1.7	4
42	Telemedical diagnosis of retinopathy of prematurity: accuracy of expert versus non-expert graders. British Journal of Ophthalmology, 2010, 94, 351-356.	3.9	41
43	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
44	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
45	Telemedicine for Retinopathy of Prematurity Diagnosis: Evaluation and Challenges. Survey of Ophthalmology, 2009, 54, 671-685.	4.0	105
46	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
47	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
48	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
49	Psychosocial Outcomes of Telemedicine Case Management for Elderly Patients With Diabetes: The randomized IDEATel trial. Diabetes Care, 2007, 30, 1266-1268.	8.6	51
50	Primary Care Providers? Perceptions of Home Diabetes Telemedicine Care in the IDEATel Project. Journal of Rural Health, 2007, 23, 55-61.	2.9	40
51	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
52	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
53	Marital quality and diabetes outcomes: The IDEATel Project.. Families, Systems and Health, 2006, 24, 318-331.	0.6	41
54	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

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55	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
56	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
57	Depression and Glycemic Control in Elderly Ethnically Diverse Patients With Diabetes. Diabetes Care, 2006, 29, 830-835.	8.6	68
58	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
59	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
60	Breaking the Translational Barriers: The Value of Integrating Biomedical Informatics and Translational Research. Journal of Investigative Medicine, 2005, 53, 192-200.	1.6	86
61	Automating Content Extraction of HTML Documents. World Wide Web, 2005, 8, 179-224.	4.0	71
62	Quantifying Visual Similarity in Clinical Iconic Graphics. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 338-345.	4.4	22
63	Computer and World Wide Web Accessibility by Visually Disabled Patients: Problems and Solutions. Survey of Ophthalmology, 2005, 50, 394-405.	4.0	52
64	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
65	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
66	Desiderata for Personal Electronic Communication in Clinical Systems. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 209-216.	4.4	6
67	An Object-oriented Taxonomy of Medical Data Presentations. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 1-20.	4.4	34
68	Ir gene-controlled response to haptenated hen ovomucoid: Isotypic specificity and dominant nonresponsiveness. Cellular Immunology, 1987, 104, 59-70.	3.0	2