

Maxim Topaz

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

1,714
citations

279798

23
h-index

345221

36
g-index

93
all docs

93
docs citations

93
times ranked

2074
citing authors

#	ARTICLE	IF	CITATIONS
1	Hospital Readmission and Social Risk Factors Identified from Physician Notes. Health Services Research, 2018, 53, 1110-1136.	2.0	123
2	Rising drug allergy alert overrides in electronic health records: an observational retrospective study of a decade of experience. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 601-608.	4.4	90
3	Prevalence of food allergies and intolerances documented in electronic health records. Journal of Allergy and Clinical Immunology, 2017, 140, 1587-1591.e1.	2.9	84
4	Drug-Induced Anaphylaxis Documented in Electronic Health Records. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 103-111.	3.8	77
5	Automated misspelling detection and correction in clinical free-text records. Journal of Biomedical Informatics, 2015, 55, 188-195.	4.3	72
6	Artificial intelligence in nursing: Priorities and opportunities from an international invitational think-tank of the Nursing and Artificial Intelligence Leadership Collaborative. Journal of Advanced Nursing, 2021, 77, 3707-3717.	3.3	67
7	Artificial Intelligence -based technologies in nursing: A scoping literature review of the evidence. International Journal of Nursing Studies, 2022, 127, 104153.	5.6	58
8	The Omaha System: a systematic review of the recent literature. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 163-170.	4.4	56
9	Impact of Discharge Planning Decision Support on Time to Readmission Among Older Adult Medical Patients. Professional Case Management, 2014, 19, 29-38.	0.4	50
10	Mining fall-related information in clinical notes: Comparison of rule-based and novel word embedding-based machine learning approaches. Journal of Biomedical Informatics, 2019, 90, 103103.	4.3	48
11	A Systematic Review of Complementary and Alternative Medicine for Asthma Self-management. Nursing Clinics of North America, 2013, 48, 53-149.	1.5	37
12	Qualitative Analysis of Naturalistic Decision Making in Adults With Chronic Heart Failure. Nursing Research, 2013, 62, 91-98.	1.7	37
13	Successful Electronic Implementation of Discharge Referral Decision Support Has a Positive Impact on 30-day and 60-day Readmissions. Research in Nursing and Health, 2015, 38, 102-114.	1.6	35
14	Conducting Research Using the Electronic Health Record Across Multi-Hospital Systems. Journal of Nursing Administration, 2013, 43, 355-360.	1.4	34
15	Inhaled corticosteroid beliefs, complementary and alternative medicine, and uncontrolled asthma in urban minority adults. Journal of Allergy and Clinical Immunology, 2014, 134, 1252-1259.	2.9	34
16	A value set for documenting adverse reactions in electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 661-669.	4.4	33
17	Automated identification of wound information in clinical notes of patients with heart diseases: Developing and validating a natural language processing application. International Journal of Nursing Studies, 2016, 64, 25-31.	5.6	31
18	Investigating the Challenges and Opportunities in Home Care to Facilitate Effective Information Technology Adoption. Journal of the American Medical Directors Association, 2016, 17, 53-58.	2.5	31

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19	Cultural- and Educational-Level Differences in Students Knowledge, Attitudes, and Preferences for Working With Older Adults. <i>Journal of Transcultural Nursing</i> , 2015, 26, 193-201.	1.3	30
20	Identifying Patients with Depression Using Free-text Clinical Documents. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 629-33.	0.3	28
21	Nurse Informaticians Report Low Satisfaction and Multi-level Concerns with Electronic Health Records: Results from an International Survey. <i>AMIA ... Annual Symposium proceedings</i> , 2016, 2016, 2016-2025.	0.2	26
22	Cardiovascular risk in patients with alopecia areata (AA): A propensity-matched retrospective analysis. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 151-154.	1.2	25
23	Food entries in a large allergy data repository. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, e79-e87.	4.4	24
24	NimbleMiner. <i>CIN - Computers Informatics Nursing</i> , 2019, 37, 583-590.	0.5	24
25	Home Healthcare Clinical Notes Predict Patient Hospitalization and Emergency Department Visits. <i>Nursing Research</i> , 2020, 69, 448-454.	1.7	24
26	A nursing informatics response to COVID-19: Perspectives from five regions of the world. <i>Journal of Advanced Nursing</i> , 2020, 76, 2462-2468.	3.3	24
27	Identifying Symptom Information in Clinical Notes Using Natural Language Processing. <i>Nursing Research</i> , 2021, 70, 173-183.	1.7	24
28	Towards improved drug allergy alerts: Multidisciplinary expert recommendations. <i>International Journal of Medical Informatics</i> , 2017, 97, 353-355.	3.3	22
29	Nurses "Seeing Forest for the Trees" in the Age of Machine Learning. <i>CIN - Computers Informatics Nursing</i> , 2019, 37, 203-212.	0.5	22
30	Clinicians' Reports in Electronic Health Records Versus Patients' Concerns in Social Media: A Pilot Study of Adverse Drug Reactions of Aspirin and Atorvastatin. <i>Drug Safety</i> , 2016, 39, 241-250.	3.2	21
31	Studying Associations Between Heart Failure Self-Management and Rehospitalizations Using Natural Language Processing. <i>Western Journal of Nursing Research</i> , 2017, 39, 147-165.	1.4	19
32	Free-Text Documentation of Dementia Symptoms in Home Healthcare: A Natural Language Processing Study. <i>Gerontology and Geriatric Medicine</i> , 2020, 6, 233372142095986.	1.5	19
33	High Override Rate for Opioid Drug-allergy Interaction Alerts: Current Trends and Recommendations for Future. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 242-6.	0.3	19
34	Identifying patients at highest-risk: the best timing to apply a readmission predictive model. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 118.	3.0	18
35	Improving patient prioritization during hospital-homecare transition: A pilot study of a clinical decision support tool. <i>Research in Nursing and Health</i> , 2018, 41, 440-447.	1.6	17
36	Extracting Alcohol and Substance Abuse Status from Clinical Notes: The Added Value of Nursing Data. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1056-1060.	0.3	16

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37	Characterizing shared and distinct symptom clusters in common chronic conditions through natural language processing of nursing notes. <i>Research in Nursing and Health</i> , 2021, 44, 906-919.	1.6	16
38	Using Growth Mixture Modeling to Identify Classes of Sodium Adherence in Adults With Heart Failure. <i>Journal of Cardiovascular Nursing</i> , 2014, 29, 209-217.	1.1	15
39	A Retrospective Study on Patient Characteristics and Telehealth Alerts Indicative of Key Medical Events for Heart Failure Patients at a Home Health Agency. <i>Telemedicine Journal and E-Health</i> , 2013, 19, 664-670.	2.8	14
40	Mining social media data to assess the risk of skin and soft tissue infections from allergen immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 129-134.	2.9	14
41	Nursing documentation of symptoms is associated with higher risk of emergency department visits and hospitalizations in homecare patients. <i>Nursing Outlook</i> , 2021, 69, 435-446.	2.6	14
42	Professionalism in a digital and mobile world: A way forward for nursing. <i>Journal of Advanced Nursing</i> , 2020, 76, 4-6.	3.3	13
43	Construction, Deconstruction, and Reconstruction. <i>Nursing Science Quarterly</i> , 2014, 27, 226-233.	0.8	12
44	Clinical notes: An untapped opportunity for improving risk prediction for hospitalization and emergency department visit during home health care. <i>Journal of Biomedical Informatics</i> , 2022, 128, 104039.	4.3	12
45	Educating Clinicians on New Elements Incorporated Into the Electronic Health Record. <i>CIN - Computers Informatics Nursing</i> , 2013, 31, 375-379.	0.5	11
46	Using Electronic Case Summaries to Elicit Multi-Disciplinary Expert Knowledge about Referrals to Post-Acute Care. <i>Applied Clinical Informatics</i> , 2016, 07, 368-379.	1.7	11
47	Emerging Professionalsâ€™ Observations of Opportunities and Challenges in Nursing Informatics. <i>Canadian Journal of Nursing Leadership</i> , 2019, 32, 8-18.	1.0	11
48	Patient-centered care via health information technology: a qualitative study with experts from Israel and the U.S.. <i>Informatics for Health and Social Care</i> , 2020, 45, 217-228.	2.6	10
49	Nurses' Perspectives on Patient Satisfaction and Expectations: An International Cross-sectional Multicenter Study With Implications for Evidence-based Practice. <i>Worldviews on Evidence-Based Nursing</i> , 2016, 13, 185-196.	2.9	9
50	Exploring prevalence of wound infections and related patient characteristics in homecare using natural language processing. <i>International Wound Journal</i> , 2022, 19, 211-221.	2.9	9
51	Identifying Urinary Tract Infection-Related Information in Home Care Nursing Notes. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1015-1021.e2.	2.5	8
52	Considerations for development of child abuse and neglect phenotype with implications for reduction of racial bias: a qualitative study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 512-519.	4.4	8
53	Standard Information Models for Representing Adverse Sensitivity Information in Clinical Documents. <i>Methods of Information in Medicine</i> , 2016, 55, 151-157.	1.2	7
54	An integrative review and theoretical examination of chronic illness mHealth studies using the Middle-range Theory of Self-care of Chronic Illness. <i>Research in Nursing and Health</i> , 2021, 44, 47-59.	1.6	7

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55	Improving Patient Prioritization During Hospital-Homecare Transition: Protocol for a Mixed Methods Study of a Clinical Decision Support Tool Implementation. <i>JMIR Research Protocols</i> , 2021, 10, e20184.	1.0	7
56	Identifying predictors of high sodium excretion in patients with heart failure: A mixed effect analysis of longitudinal data. <i>European Journal of Cardiovascular Nursing</i> , 2014, 13, 549-558.	0.9	6
57	Identifying distinct risk profiles to predict adverse events among community-dwelling older adults. <i>Geriatric Nursing</i> , 2017, 38, 510-519.	1.9	6
58	Factors Associated with Timing of the Start-of-Care Nursing Visits in Home Health Care. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 2358-2365.e3.	2.5	6
59	Competency Recommendations for Advancing Nursing Informatics in the Next Decade: International Survey Results. <i>Studies in Health Technology and Informatics</i> , 2017, 232, 119-129.	0.3	6
60	Content and Trends in Medical Informatics Publications over the Past Two Decades. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 968-972.	0.3	6
61	Adapting Heart Failure Guidelines for Nursing Care in Home Health Settings. <i>Journal of Cardiovascular Nursing</i> , 2014, 29, E1-E8.	1.1	5
62	Reported Incidence of Hypersensitivity Reactions to Non-Steroidal Anti-Inflammatory Drugs in the Electronic Health Record. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB196.	2.9	5
63	The Time is Now: Informatics Research Opportunities in Home Health Care. <i>Applied Clinical Informatics</i> , 2021, 12, 100-106.	1.7	5
64	Documentation of hospitalization risk factors in electronic health records (EHRs): a qualitative study with home healthcare clinicians. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 805-812.	4.4	5
65	Audio Recording Patient-Nurse Verbal Communications in Home Health Care Settings: Pilot Feasibility and Usability Study. <i>JMIR Human Factors</i> , 2022, 9, e35325.	2.0	5
66	Factors associated with poor self-management documented in home health care narrative notes for patients with heart failure. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2022, 55, 148-154.	1.6	5
67	The application of machine learning to evaluate the adequacy of information in radiology orders. , 2017, , .		4
68	Emergency Remote Learning in Nursing Education During the COVID-19 Pandemic. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 942-946.	0.3	4
69	Exploring Reasons for Delayed Start-of-Care Nursing Visits in Home Health Care: Algorithm Development and Data Science Study. <i>JMIR Nursing</i> , 2021, 4, e31038.	1.9	4
70	Mining Clinicians' Electronic Documentation to Identify Heart Failure Patients with Ineffective Self-Management: A Pilot Text-Mining Study. <i>Studies in Health Technology and Informatics</i> , 2016, 225, 856-7.	0.3	4
71	Do nurses document all discussions of patient problems and nursing interventions in the electronic health record? A pilot study in home healthcare. <i>JAMIA Open</i> , 2022, 5, .	2.0	4
72	Medical Malpractice Trends: Errors in Automated Speech Recognition. <i>Journal of Medical Systems</i> , 2018, 42, 153.	3.6	3

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73	Predicting Risk for Early Breastfeeding Cessation in Israel. <i>Maternal and Child Health Journal</i> , 2022, 26, 1261-1272.	1.5	3
74	Advancing Nursing Informatics in the Next Decade: Recommendations from an International Survey. <i>Studies in Health Technology and Informatics</i> , 2016, 225, 123-7.	0.3	3
75	Will Artificial Intelligence Replace Nurses? A Debate. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 341-343.	0.3	3
76	Discordance between Self-Reported and 24-Hour Urine Sodium Intake and Predictors of Sodium Non-Adherence. <i>Journal of Cardiac Failure</i> , 2012, 18, S5.	1.7	2
77	Factors Affecting Patient Prioritization Decisions at Admission to Home Healthcare. <i>CIN - Computers Informatics Nursing</i> , 2020, 38, 88-98.	0.5	2
78	Home Healthcare Cliniciansâ€™ Perspectives on Electronic Health Records: A Qualitative Study. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 426-430.	0.3	2
79	Identifying Diabetes in Clinical Notes in Hebrew: A Novel Text Classification Approach Based on Word Embedding. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 393-397.	0.3	2
80	Developing nursing computer interpretable guidelines: a feasibility study of heart failure guidelines in homecare. <i>AMIA ... Annual Symposium proceedings</i> , 2013, 2013, 1353-61.	0.2	1
81	Identifying Heart Failure Symptoms and Poor Self-Management in Home Healthcare: A Natural Language Processing Study. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 15-19.	0.3	1
82	Nursing Informatics Research Trends: Findings from an International Survey. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 344-349.	0.3	1
83	NimbleMiner: A Novel Multi-Lingual Text Mining Application. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1608-1609.	0.3	1
84	Peer reviewing: the benefits and value. <i>International Journal of Older People Nursing</i> , 2014, 9, 93-94.	1.3	0
85	Natural Language Processing of Nursing Notes: A Systematic Review. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 62-64.	0.3	0
86	Description of the Process to Validate the Mexican Nurse Informatics Competency Self-Assessment Scale. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 171-172.	0.3	0
87	The Untapped Potential of Nursing and Allied Health Data for Improved Representation of Social Determinants of Health and Intersectionality in Artificial Intelligence Applications: A Rapid Review. <i>Yearbook of Medical Informatics</i> , 0, , .	1.0	0