

# Katherine Ann Sward

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

894  
citations

566801

15  
h-index

500791

28  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	A replicable method for blood glucose control in critically ill patients. <i>Critical Care Medicine</i> , 2008, 36, 1787-1795.	0.4	100
2	Patient generated health data use in clinical practice: A systematic review. <i>Nursing Outlook</i> , 2019, 67, 311-330.	1.5	77
3	Use of a Web-Based Game to Teach Pediatric Content to Medical Students. <i>Academic Pediatrics</i> , 2008, 8, 354-359.	1.7	68
4	Fatal and Near-Fatal Asthma in Children: The Critical Care Perspective. <i>Journal of Pediatrics</i> , 2012, 161, 214-221.e3.	0.9	67
5	A Systemic Inflammation Mortality Risk Assessment Contingency Table for Severe Sepsis*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 143-150.	0.2	65
6	Loneliness as a mediator of the impact of social isolation on cognitive functioning of Chinese older adults. <i>Age and Ageing</i> , 2020, 49, 599-604.	0.7	63
7	Philosophical Approaches to the Nursing Informatics Data-Information-Knowledge-Wisdom Framework. <i>Advances in Nursing Science</i> , 2011, 34, 6-18.	0.6	54
8	Variability in usual care mechanical ventilation for pediatric acute lung injury: the potential benefit of a lung protective computer protocol. <i>Intensive Care Medicine</i> , 2011, 37, 1840-8.	3.9	47
9	Patient-generated health data and electronic health record integration: a scoping review. <i>JAMIA Open</i> , 2021, 3, 619-627.	1.0	39
10	Variability in Usual Care Mechanical Ventilation for Pediatric Acute Respiratory Distress Syndrome: Time for a Decision Support Protocol?*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e521-e529.	0.2	34
11	Enabling a learning healthcare system with automated computer protocols that produce replicable and personalized clinician actions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1330-1344.	2.2	22
12	The evolution of eProtocols that enable reproducible clinical research and care methods. <i>Journal of Clinical Monitoring and Computing</i> , 2012, 26, 305-317.	0.7	21
13	Executing medical logic modules expressed in ArdenML using Drools. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 533-536.	2.2	20
14	Clinical Equipoise Regarding Glycemic Control. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 123-129.	0.2	18
15	Mechanical Ventilation and Decision Support in Pediatric Intensive Care. <i>Pediatric Clinics of North America</i> , 2017, 64, 1057-1070.	0.9	18
16	Using Temporal Features to Provide Data-Driven Clinical Early Warnings for Chronic Obstructive Pulmonary Disease and Asthma Care Management: Protocol for a Secondary Analysis. <i>JMIR Research Protocols</i> , 2019, 8, e13783.	0.5	15
17	A Roadmap for Optimizing Asthma Care Management via Computational Approaches. <i>JMIR Medical Informatics</i> , 2017, 5, e32.	1.3	15
18	Qualitative Evaluation of a Text Messaging Intervention to Support Patients With Active Tuberculosis: Implementation Considerations. <i>JMIR MHealth and UHealth</i> , 2015, 3, e21.	1.8	15

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19	Quality of Reporting Randomized Controlled Trials in Cancer Nursing Research. <i>Nursing Research</i> , 2014, 63, 26-35.	0.8	14
20	Patient-generated health data and electronic health record integration: protocol for a scoping review. <i>BMJ Open</i> , 2019, 9, e033073.	0.8	12
21	Potential Acceptability of a Pediatric Ventilator Management Computer Protocol*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1027-1034.	0.2	10
22	Multi-morbidity and Highly Effective Contraception in Reproductive-Age Women in the US Intermountain West: a Retrospective Cohort Study. <i>Journal of General Internal Medicine</i> , 2020, 35, 637-642.	1.3	10
23	Patient-Generated Health Data in Pediatric Asthma: Exploratory Study of Providers' Information Needs. <i>JMIR Pediatrics and Parenting</i> , 2021, 4, e25413.	0.8	10
24	Impact of computerized provider order entry (CPOE) on length of stay and mortality. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 303-309.	2.2	9
25	Virtualization of open-source secure web services to support data exchange in a pediatric critical care research network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1271-1276.	2.2	8
26	The role of computer-based clinical decision support systems to deliver protective mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2020, 26, 73-81.	1.6	8
27	Birth Center Outcomes Reported Through Automated Technology. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2001, 30, 110-120.	0.2	7
28	EpiFi: An in-Home IoT Architecture for Epidemiological Deployments. , 2018, , .		7
29	Smart home air filtering system: A randomized controlled trial for performance evaluation. <i>Smart Health</i> , 2018, 9-10, 62-75.	2.0	7
30	Computerized Decision Support Systems for Mechanical Ventilation in Children. <i>Journal of Pediatric Intensive Care</i> , 2016, 05, 095-100.	0.4	5
31	Modeling and Teaching Techniques for Conceptual and Logical Relational Database Design. <i>Journal of Medical Systems</i> , 2005, 29, 513-525.	2.2	4
32	A Pediatric Intensive Care Unit Bedside Computer Clinical Decision Support Protocol for Hyperglycemia Is Feasible, Safe and Offers Advantages. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 188-193.	2.4	4
33	The Expanding Science of Sensor Technology in Research. <i>Nursing Outlook</i> , 2020, 68, 689-692.	1.5	4
34	Provider Preferences for Patient-Generated Health Data Displays in Pediatric Asthma: A Participatory Design Approach. <i>Applied Clinical Informatics</i> , 2021, 12, 664-674.	0.8	4
35	Case Study. <i>CIN - Computers Informatics Nursing</i> , 2016, 34, 101-104.	0.3	3
36	Assessing EHR Data for Use in Clinical Improvement and Research. <i>American Journal of Nursing</i> , 2022, Published Ahead of Print, .	0.2	3

#	ARTICLE	IF	CITATIONS
37	Leaders in Nursing Informatics Education and Research. CIN - Computers Informatics Nursing, 2015, 33, 379-381.	0.3	2
38	A Scoping Review and Content Analysis of Common Depressive Symptoms of Young People. Journal of School Nursing, 2022, 38, 74-83.	0.9	2
39	Role of Nursing Informatics in the Automation of Pneumonia Quality Measure Data Elements. CIN - Computers Informatics Nursing, 2018, 36, 475-483.	0.3	1
40	An Architecture for Metadata-driven Integration of Heterogeneous Sensor and Health Data for Translational Exposomic Research. , 2019, , .		1
41	Utilizing a Blockchain for Managing Sensor Metadata in Exposure Health Studies. , 2022, , .		1
42	Using a Content Analysis to Identify Study Eligibility Criteria Concepts in Cancer Nursing Research. CIN - Computers Informatics Nursing, 2014, 32, 333-342.	0.3	0
43	3399 Systematically Integrating Microbiomes and Exposomes for Translational Research. Journal of Clinical and Translational Science, 2019, 3, 29-30.	0.3	0
44	62859 Bringing Exposures into Mainstream Translational Research: Informatics Opportunities and Methods. Journal of Clinical and Translational Science, 2021, 5, 45-45.	0.3	0
45	Navigating the Search for Patient Generated Health Data. Studies in Health Technology and Informatics, 2019, 264, 1992.	0.2	0