

# Katherine Ann Sward

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

661  
citations

13  
h-index

25  
g-index

46  
ext. papers

878  
ext. citations

3.4  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
42	62859 Bringing Exposures into Mainstream Translational Research: Informatics Opportunities and Methods. <i>Journal of Clinical and Translational Science</i> , <b>2021</b> , 5, 45-45	0.4	
41	A Scoping Review and Content Analysis of Common Depressive Symptoms of Young People. <i>Journal of School Nursing</i> , <b>2021</b> , 10598405211012680	2.1	
40	Provider Preferences for Patient-Generated Health Data Displays in Pediatric Asthma: A Participatory Design Approach. <i>Applied Clinical Informatics</i> , <b>2021</b> , 12, 664-674	3.1	1
39	Patient-Generated Health Data in Pediatric Asthma: Exploratory Study of Providers' Information Needs. <i>JMIR Pediatrics and Parenting</i> , <b>2021</b> , 4, e25413	4.2	6
38	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> , <b>2021</b> , 28, 1330-1344	8.6	4
37	Loneliness as a mediator of the impact of social isolation on cognitive functioning of Chinese older adults. <i>Age and Ageing</i> , <b>2020</b> , 49, 599-604	3	34
36	Patient-generated health data and electronic health record integration: a scoping review. <i>JAMIA Open</i> , <b>2020</b> , 3, 619-627	2.9	12
35	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> , <b>2020</b> , 35, 637-642	4	4
34	The role of computer-based clinical decision support systems to deliver protective mechanical ventilation. <i>Current Opinion in Critical Care</i> , <b>2020</b> , 26, 73-81	3.5	4
33	Patient generated health data use in clinical practice: A systematic review. <i>Nursing Outlook</i> , <b>2019</b> , 67, 311-330	2.7	35
32	3399 Systematically Integrating Microbiomes and Exposomes for Translational Research. <i>Journal of Clinical and Translational Science</i> , <b>2019</b> , 3, 29-30	0.4	78
31	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> , <b>2019</b> , 8, e13783	2	9
30	Patient-generated health data and electronic health record integration: protocol for a scoping review. <i>BMJ Open</i> , <b>2019</b> , 9, e033073	3	5
29	An Architecture for Metadata-driven Integration of Heterogeneous Sensor and Health Data for Translational Exposomic Research <b>2019</b> ,		1
28	Navigating the Search for Patient Generated Health Data. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 1992	0.5	
27	EpiFi: An in-Home IoT Architecture for Epidemiological Deployments <b>2018</b> ,		5
26	Role of Nursing Informatics in the Automation of Pneumonia Quality Measure Data Elements. <i>CIN - Computers Informatics Nursing</i> , <b>2018</b> , 36, 475-483	1.4	1

25	Smart home air filtering system: A randomized controlled trial for performance evaluation. <i>Smart Health</i> , <b>2018</b> , 9-10, 62-75	2.1	4
24	Impact of computerized provider order entry (CPOE) on length of stay and mortality. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 303-309	8.6	8
23	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> , <b>2017</b> , 19, 188-193	8.1	4
22	A Systemic Inflammation Mortality Risk Assessment Contingency Table for Severe Sepsis. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 143-150	3	39
21	Mechanical Ventilation and Decision Support in Pediatric Intensive Care. <i>Pediatric Clinics of North America</i> , <b>2017</b> , 64, 1057-1070	3.6	10
20	Variability in Usual Care Mechanical Ventilation for Pediatric Acute Respiratory Distress Syndrome: Time for a Decision Support Protocol?. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, e521-e529	3	22
19	Potential Acceptability of a Pediatric Ventilator Management Computer Protocol. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 1027-1034	3	5
18	A Roadmap for Optimizing Asthma Care Management via Computational Approaches. <i>JMIR Medical Informatics</i> , <b>2017</b> , 5, e32	3.6	10
17	Case Study: Semantic Annotation of a Pediatric Critical Care Research Study. <i>CIN - Computers Informatics Nursing</i> , <b>2016</b> , 34, 101-4	1.4	3
16	Computerized Decision Support Systems for Mechanical Ventilation in Children. <i>Journal of Pediatric Intensive Care</i> , <b>2016</b> , 5, 95-100	1	2
15	Leaders in Nursing Informatics Education and Research: The University of Utah Celebrates 25 Years. <i>CIN - Computers Informatics Nursing</i> , <b>2015</b> , 33, 379-81	1.4	2
14	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> , <b>2015</b> , 22, 1271-6	8.6	7
13	Qualitative evaluation of a text messaging intervention to support patients with active tuberculosis: implementation considerations. <i>JMIR MHealth and UHealth</i> , <b>2015</b> , 3, e21	5.5	11
12	Quality of reporting randomized controlled trials in cancer nursing research. <i>Nursing Research</i> , <b>2014</b> , 63, 26-35	1.9	9
11	Using a content analysis to identify study eligibility criteria concepts in cancer nursing research. <i>CIN - Computers Informatics Nursing</i> , <b>2014</b> , 32, 333-42	1.4	
10	Clinical equipoise regarding glycemic control: a survey of pediatric intensivist perceptions. <i>Pediatric Critical Care Medicine</i> , <b>2013</b> , 14, 123-9	3	15
9	Fatal and near-fatal asthma in children: the critical care perspective. <i>Journal of Pediatrics</i> , <b>2012</b> , 161, 214-21.e3	3.6	51
8	The evolution of eProtocols that enable reproducible clinical research and care methods. <i>Journal of Clinical Monitoring and Computing</i> , <b>2012</b> , 26, 305-17	2	15

7	Executing medical logic modules expressed in ArdenML using Drools. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 533-6	8.6	17
6	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> , <b>2011</b> , 37, 1840-8	14.5	32
5	Philosophical approaches to the nursing informatics data-information-knowledge-wisdom framework. <i>Advances in Nursing Science</i> , <b>2011</b> , 34, 6-18	2.1	42
4	Use of a Web-based game to teach pediatric content to medical students. <i>Academic Pediatrics</i> , <b>2008</b> , 8, 354-9		57
3	A replicable method for blood glucose control in critically ill patients. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 1787-95	1.4	87
2	Modeling and teaching techniques for conceptual and logical relational database design. <i>Journal of Medical Systems</i> , <b>2005</b> , 29, 513-25	5.1	1
1	Birth Center Outcomes Reported Through Automated Technology. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , <b>2001</b> , 30, 110-120	1.2	7