

Katherine Ann Sward

List of Publications by Citations

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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	A replicable method for blood glucose control in critically ill patients. <i>Critical Care Medicine</i> , 2008 , 36, 1787-95	1.4	87
41	3399 Systematically Integrating Microbiomes and Exposomes for Translational Research. <i>Journal of Clinical and Translational Science</i> , 2019 , 3, 29-30	0.4	78
40	Use of a Web-based game to teach pediatric content to medical students. <i>Academic Pediatrics</i> , 2008 , 8, 354-9		57
39	Fatal and near-fatal asthma in children: the critical care perspective. <i>Journal of Pediatrics</i> , 2012 , 161, 214-21.e3	3.6	51
38	Philosophical approaches to the nursing informatics data-information-knowledge-wisdom framework. <i>Advances in Nursing Science</i> , 2011 , 34, 6-18	2.1	42
37	A Systemic Inflammation Mortality Risk Assessment Contingency Table for Severe Sepsis. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 143-150	3	39
36	Patient generated health data use in clinical practice: A systematic review. <i>Nursing Outlook</i> , 2019 , 67, 311-330	2.7	35
35	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	3	34
34	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	14.5	32
33	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	3	22
32	Executing medical logic modules expressed in ArdenML using Drools. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 533-6	8.6	17
31	The evolution of eProtocols that enable reproducible clinical research and care methods. <i>Journal of Clinical Monitoring and Computing</i> , 2012 , 26, 305-17	2	15
30	Clinical equipoise regarding glycemic control: a survey of pediatric intensivist perceptions. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 123-9	3	15
29	Patient-generated health data and electronic health record integration: a scoping review. <i>JAMIA Open</i> , 2020 , 3, 619-627	2.9	12
28	Qualitative evaluation of a text messaging intervention to support patients with active tuberculosis: implementation considerations. <i>JMIR MHealth and UHealth</i> , 2015 , 3, e21	5.5	11
27	Mechanical Ventilation and Decision Support in Pediatric Intensive Care. <i>Pediatric Clinics of North America</i> , 2017 , 64, 1057-1070	3.6	10
26	A Roadmap for Optimizing Asthma Care Management via Computational Approaches. <i>JMIR Medical Informatics</i> , 2017 , 5, e32	3.6	10

25	Quality of reporting randomized controlled trials in cancer nursing research. <i>Nursing Research</i> , 2014 , 63, 26-35	1.9	9
24	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	2	9
23	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	8.6	8
22	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, 1271-6	8.6	7
21	Birth Center Outcomes Reported Through Automated Technology. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2001 , 30, 110-120	1.2	7
20	Patient-Generated Health Data in Pediatric Asthma: Exploratory Study of Providers Information Needs. <i>JMIR Pediatrics and Parenting</i> , 2021 , 4, e25413	4.2	6
19	Potential Acceptability of a Pediatric Ventilator Management Computer Protocol. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 1027-1034	3	5
18	Patient-generated health data and electronic health record integration: protocol for a scoping review. <i>BMJ Open</i> , 2019 , 9, e033073	3	5
17	EpiFi: An in-Home IoT Architecture for Epidemiological Deployments 2018 ,		5
16	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	8.1	4
15	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	4.2	4
14	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	3.5	4
13	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	8.6	4
12	Smart home air filtering system: A randomized controlled trial for performance evaluation. <i>Smart Health</i> , 2018 , 9-10, 62-75	2.1	4
11	Case Study: Semantic Annotation of a Pediatric Critical Care Research Study. <i>CIN - Computers Informatics Nursing</i> , 2016 , 34, 101-4	1.4	3
10	Leaders in Nursing Informatics Education and Research: The University of Utah Celebrates 25 Years. <i>CIN - Computers Informatics Nursing</i> , 2015 , 33, 379-81	1.4	2
9	Computerized Decision Support Systems for Mechanical Ventilation in Children. <i>Journal of Pediatric Intensive Care</i> , 2016 , 5, 95-100	1	2
8	Modeling and teaching techniques for conceptual and logical relational database design. <i>Journal of Medical Systems</i> , 2005 , 29, 513-25	5.1	1

7	Provider Preferences for Patient-Generated Health Data Displays in Pediatric Asthma: A Participatory Design Approach. <i>Applied Clinical Informatics</i> , 2021 , 12, 664-674	3.1	1
6	An Architecture for Metadata-driven Integration of Heterogeneous Sensor and Health Data for Translational Exposomic Research 2019 ,		1
5	Role of Nursing Informatics in the Automation of Pneumonia Quality Measure Data Elements. <i>CIN - Computers Informatics Nursing</i> , 2018 , 36, 475-483	1.4	1
4	Using a content analysis to identify study eligibility criteria concepts in cancer nursing research. <i>CIN - Computers Informatics Nursing</i> , 2014 , 32, 333-42	1.4	
3	62859 Bringing Exposures into Mainstream Translational Research: Informatics Opportunities and Methods. <i>Journal of Clinical and Translational Science</i> , 2021 , 5, 45-45	0.4	
2	A Scoping Review and Content Analysis of Common Depressive Symptoms of Young People. <i>Journal of School Nursing</i> , 2021 , 10598405211012680	2.1	
1	Navigating the Search for Patient Generated Health Data. <i>Studies in Health Technology and Informatics</i> , 2019 , 264, 1992	0.5	