

# Vimla L Patel

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,038  
citations

430754

18  
h-index

434063

31  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Roles of a Secondary Data Analytics Tool and Experience in Scientific Hypothesis Generation in Clinical Research: Protocol for a Mixed Methods Study. JMIR Research Protocols, 2022, 11, e39414.	0.5	8
2	An Operational Framework to Study Diagnostic Errors in Emergency Departments: Findings From A Consensus Panel. Journal of Patient Safety, 2021, 17, 570-575.	0.7	10
3	Impact of a mobile-based (mHealth) tool to support community health nurses in early identification of depression and suicide risk in Pacific Island Countries. Australasian Psychiatry, 2021, 29, 200-203.	0.4	7
4	Building resiliency in emergency room physicians: anticipating the next catastrophe. BMJ Health and Care Informatics, 2021, 28, e100343.	1.4	1
5	What we cannot see in virtual diagnosis: the potential pitfalls of tediagnosis related to teamwork. Diagnosis, 2021, .	1.2	1
6	Physician Workflow in Two Distinctive Emergency Departments: An Observational Study. Applied Clinical Informatics, 2021, 12, 141-152.	0.8	8
7	EHR audit logs: A new goldmine for health services research?. Journal of Biomedical Informatics, 2020, 101, 103343.	2.5	63
8	Medical oncologists' perspectives of the Veterans Affairs National Precision Oncology Program. PLoS ONE, 2020, 15, e0235861.	1.1	5
9	Overlaying multiple sources of data to identify bottlenecks in clinical workflow. Journal of Biomedical Informatics: X, 2019, 100, 100004.	4.2	10
10	A visual interactive analytic tool for filtering and summarizing large health data sets coded with hierarchical terminologies (VIADS). BMC Medical Informatics and Decision Making, 2019, 19, 31.	1.5	12
11	A method for the analysis and visualization of clinical workflow in dynamic environments. Journal of Biomedical Informatics, 2018, 79, 20-31.	2.5	20
12	Connecting the Dots. Critical Care Medicine, 2018, 46, 163-164.	0.4	2
13	Emergency Physicians' Perceived Influence of EHR Use on Clinical Workflow and Performance Metrics. Applied Clinical Informatics, 2018, 09, 725-733.	0.8	18
14	Contextual Computing : A Bluetooth based approach for tracking healthcare providers in the emergency room. Journal of Biomedical Informatics, 2017, 65, 97-104.	2.5	28
15	A mobile application to support collection and analytics of real-time critical care data. Computer Methods and Programs in Biomedicine, 2017, 151, 45-55.	2.6	8
16	Special issue on cognitive informatics methods for interactive clinical systems. Journal of Biomedical Informatics, 2017, 71, 207-210.	2.5	3
17	Affordable, web-based surgical skill training and evaluation tool. Journal of Biomedical Informatics, 2016, 59, 102-114.	2.5	44
18	A multi-site cognitive task analysis for biomedical query mediation. International Journal of Medical Informatics, 2016, 93, 74-84.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Methodological framework for evaluating clinical processes: A cognitive informatics perspective. <i>Journal of Biomedical Informatics</i> , 2016, 64, 342-351.	2.5	12
20	Modeling information flows in clinical decision support: key insights for enhancing system effectiveness. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 1001-1006.	2.2	38
21	Resolving complex research data management issues in biomedical laboratories: Qualitative study of an industry-academia collaboration. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 126, 160-170.	2.6	5
22	Characterizing the structure and content of nurse handoffs: A Sequential Conversational Analysis approach. <i>Journal of Biomedical Informatics</i> , 2016, 59, 76-88.	2.5	33
23	Impact of Structured Rounding Tools on Time Allocation During Multidisciplinary Rounds: An Observational Study. <i>JMIR Human Factors</i> , 2016, 3, e29.	1.0	7
24	Cognitive informatics in biomedicine and healthcare. <i>Journal of Biomedical Informatics</i> , 2015, 53, 3-14.	2.5	47
25	Role of cognition in generating and mitigating clinical errors. <i>BMJ Quality and Safety</i> , 2015, 24, 468-474.	1.8	47
26	Uncertainty, Case Complexity and the Content of Verbal Handoffs at the Emergency Department. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 630-9.	0.2	2
27	Are three methods better than one? A comparative assessment of usability evaluation methods in an EHR. <i>International Journal of Medical Informatics</i> , 2014, 83, 361-367.	1.6	50
28	Comparing the information seeking strategies of residents, nurse practitioners, and physician assistants in critical care settings. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, e249-e256.	2.2	29
29	Comparative evaluation of the content and structure of communication using two handoff tools: Implications for patient safety. <i>Journal of Critical Care</i> , 2014, 29, 311.e1-311.e7.	1.0	49
30	Towards an Ontology for Interdisciplinary Handoff Communication in Intensive Care. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , 2014, 3, 196-202.	0.2	8
31	Toward a cognitive task analysis for biomedical query mediation. <i>AMIA Summits on Translational Science Proceedings</i> , 2014, 2014, 218-22.	0.4	6
32	Understanding the nature of information seeking behavior in critical care: Implications for the design of health information technology. <i>Artificial Intelligence in Medicine</i> , 2013, 57, 21-29.	3.8	58
33	Bridging gaps in handoffs: A continuity of care based approach. <i>Journal of Biomedical Informatics</i> , 2012, 45, 240-254.	2.5	89
34	Ensuring patient safety in care transitions: an empirical evaluation of a Handoff Intervention Tool. <i>AMIA ... Annual Symposium proceedings</i> , 2012, 2012, 17-26.	0.2	19
35	Falling through the cracks: information breakdowns in critical care handoff communication. <i>AMIA ... Annual Symposium proceedings</i> , 2011, 2011, 28-37.	0.2	30
36	Fostering conceptual change and critical reasoning about HIV and AIDS. <i>Journal of Research in Science Teaching</i> , 2007, 44, 844-863.	2.0	36

#	ARTICLE	IF	CITATIONS
37	Human-Intensive techniques. , 2007, , 207-226.		3
38	Evaluating the Content and Usability of an Experimental Text Summarization System and Three Web-Based Search Engines. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1992-1996.	0.2	0
39	Errors in interpreting quantities as procedures: The case of pharmaceutical labels. International Journal of Medical Informatics, 2002, 65, 193-211.	1.6	45
40	Patients' and physicians' understanding of health and biomedical concepts: relationship to the design of EMR systems. Journal of Biomedical Informatics, 2002, 35, 8-16.	2.5	100
41	Diagnostic Reasoning and Medical Expertise. Psychology of Learning and Motivation - Advances in Research and Theory, 1994, , 187-252.	0.5	76