Vimla L Patel

List of Publications by Year
in descending order

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	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
2	Bridging gaps in handoffs: A continuity of care based approach. Journal of Biomedical Informatics, 2012, 45, 240-254.	2.5	89
3	Diagnostic Reasoning and Medical Expertise. Psychology of Learning and Motivation - Advances in Research and Theory, 1994, , 187-252.	0.5	76
4	EHR audit logs: A new goldmine for health services research?. Journal of Biomedical Informatics, 2020, 101, 103343.	2.5	63
5	Understanding the nature of information seeking behavior in critical care: Implications for the design of health information technology. Artificial Intelligence in Medicine, 2013, 57, 21-29.	3.8	58
6	Are three methods better than one? A comparative assessment of usability evaluation methods in an EHR. International Journal of Medical Informatics, 2014, 83, 361-367.	1.6	50
7	Comparative evaluation of the content and structure of communication using two handoff tools: Implications for patient safety. Journal of Critical Care, 2014, 29, 311.e1-311.e7.	1.0	49
8	Cognitive informatics in biomedicine and healthcare. Journal of Biomedical Informatics, 2015, 53, 3-14.	2.5	47
9	Role of cognition in generating and mitigating clinical errors. BMJ Quality and Safety, 2015, 24, 468-474.	1.8	47
10	Errors in interpreting quantities as procedures: The case of pharmaceutical labels. International Journal of Medical Informatics, 2002, 65, 193-211.	1.6	45
11	Affordable, web-based surgical skill training and evaluation tool. Journal of Biomedical Informatics, 2016, 59, 102-114.	2.5	44
12	Modeling information flows in clinical decision support: key insights for enhancing system effectiveness. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1001-1006.	2.2	38
13	Fostering conceptual change and critical reasoning about HIV and AIDS. Journal of Research in Science Teaching, 2007, 44, 844-863.	2.0	36
14	Characterizing the structure and content of nurse handoffs: A Sequential Conversational Analysis approach. Journal of Biomedical Informatics, 2016, 59, 76-88.	2.5	33
15	Falling through the cracks: information breakdowns in critical care handoff communication. AMIA ... Annual Symposium proceedings, 2011, 2011, 28-37.	0.2	30
16	Comparing the information seeking strategies of residents, nurse practitioners, and physician assistants in critical care settings. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e249-e256.	2.2	29
17	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
18	A method for the analysis and visualization of clinical workflow in dynamic environments. Journal of Biomedical Informatics, 2018, 79, 20-31.	2.5	20

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19	Ensuring patient safety in care transitions: an empirical evaluation of a Handoff Intervention Tool. AMIA ... Annual Symposium proceedings, 2012, 2012, 17-26.	0.2	19
20	Emergency Physicians' Perceived Influence of EHR Use on Clinical Workflow and Performance Metrics. Applied Clinical Informatics, 2018, 09, 725-733.	0.8	18
21	Methodological framework for evaluating clinical processes: A cognitive informatics perspective. Journal of Biomedical Informatics, 2016, 64, 342-351.	2.5	12
22	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
23	Overlaying multiple sources of data to identify bottlenecks in clinical workflow. Journal of Biomedical Informatics: X, 2019, 100, 100004.	4.2	10
24	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
25	Towards an Ontology for Interdisciplinary Handoff Communication in Intensive Care. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2014, 3, 196-202.	0.2	8
26	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
27	Physician Workflow in Two Distinctive Emergency Departments: An Observational Study. Applied Clinical Informatics, 2021, 12, 141-152.	0.8	8
28	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
29	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
30	Impact of Structured Rounding Tools on Time Allocation During Multidisciplinary Rounds: An Observational Study. JMIR Human Factors, 2016, 3, e29.	1.0	7
31	Toward a cognitive task analysis for biomedical query mediation. AMIA Summits on Translational Science Proceedings, 2014, 2014, 218-22.	0.4	6
32	Resolving complex research data management issues in biomedical laboratories: Qualitative study of an industry–academia collaboration. Computer Methods and Programs in Biomedicine, 2016, 126, 160-170.	2.6	5
33	Medical oncologists' perspectives of the Veterans Affairs National Precision Oncology Program. PLoS ONE, 2020, 15, e0235861.	1.1	5
34	Special issue on cognitive informatics methods for interactive clinical systems. Journal of Biomedical Informatics, 2017, 71, 207-210.	2.5	3
35	Human-Intensive techniques. , 2007, , 207-226.		3
36	Connecting the Dots. Critical Care Medicine, 2018, 46, 163-164.	0.4	2

#	Article	IF	Citations
37	Uncertainty, Case Complexity and the Content of Verbal Handoffs at the Emergency Department. AMIA ... Annual Symposium proceedings, 2015, 2015, 630-9.	0.2	2
38	A multi-site cognitive task analysis for biomedical query mediation. International Journal of Medical Informatics, 2016, 93, 74-84.	1.6	1
39	Building resiliency in emergency room physicians: anticipating the next catastrophe. BMJ Health and Care Informatics, 2021, 28, e100343.	1.4	1
40	What we cannot see in virtual diagnosis: the potential pitfalls of telediagnosis related to teamwork. Diagnosis, 2021, .	1.2	1
41	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