

# Abbas Sheikhtaheri

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

13,127  
citations

516561

16  
h-index

85498

71  
g-index

88  
all docs

88  
docs citations

88  
times ranked

13232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smartphone-based application for self-management of patients with colorectal cancer: development and usability evaluation. <i>Supportive Care in Cancer</i> , 2022, 30, 3249-3258.	1.0	9
2	Barriers and facilitators for the implementation of health condition and outcome registry systems: a systematic literature review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 723-734.	2.2	6
3	Development and Usability Evaluation of a Telemedicine System for Management and Monitoring of Patients with Diabetic Foot. <i>Healthcare Informatics Research</i> , 2022, 28, 77-88.	1.0	3
4	How the Health Information Systems Can Overcome the Challenges of Migrating to the Cloud? A Framework Based on a Mix Method Approach. <i>Frontiers in Health Informatics</i> , 2022, 11, 107.	0.3	2
5	Applications and Outcomes of Internet of Things for Patients with Alzheimer's Disease/Dementia: A Scoping Review. <i>BioMed Research International</i> , 2022, 2022, 1-17.	0.9	9
6	Barriers and facilitators for disease registry systems: a mixed-method study. <i>BMC Medical Informatics and Decision Making</i> , 2022, 22, 97.	1.5	7
7	Patient Safety Classifications for Health Information Technology (HIT) and Medical Devices: A Review on Available Systems. <i>Studies in Health Technology and Informatics</i> , 2022, 293, 153-160.	0.2	0
8	Alzheimer's Disease and Mild Cognitive Impairment Serious Games: A Systematic Analysis in Smartphone Application Markets. <i>Studies in Health Technology and Informatics</i> , 2022, 293, 179-186.	0.2	1
9	Challenges and Facilitators of Using Smartphones in Educational Activities: Medical and Nursing Students's Perspective. <i>Studies in Health Technology and Informatics</i> , 2022, 293, 234-241.	0.2	1
10	An Easy-to-Use Platform for Reporting COVID-19 Patients by Private Offices and Clinics Without IT Support: A Pilot Study. <i>Studies in Health Technology and Informatics</i> , 2022, 293, 242-249.	0.2	0
11	The information-seeking behavior of medical sciences students toward COVID-19 in mass and social media: A cross-sectional study. <i>Health Science Reports</i> , 2022, 5, .	0.6	9
12	Development and pilot implementation of Iranian Hemolytic Uremic Syndrome Registry. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, .	1.2	0
13	Machine Learning Models to Predict In-Hospital Mortality among Inpatients with COVID-19: Underestimation and Overestimation Bias Analysis in Subgroup Populations. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-13.	1.1	7
14	A smart wearable device for monitoring and self-management of diabetic foot: A proof of concept study. <i>International Journal of Medical Informatics</i> , 2021, 146, 104343.	1.6	14
15	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	13.7	71
16	Regional COVID-19 registry in Khuzestan, Iran: A study protocol and lessons learned from a pilot implementation. <i>Informatics in Medicine Unlocked</i> , 2021, 23, 100520.	1.9	18
17	Prediction of neonatal deaths in NICUs: development and validation of machine learning models. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 131.	1.5	23
18	Clinical and Epidemiological Characteristics of Hospitalized COVID-19 Patients in Hormozgan, Iran: A Retrospective, Multicenter Study. <i>Archives of Iranian Medicine</i> , 2021, 24, 434-444.	0.2	7

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19	Lessons learned from hemolytic uremic syndrome registries: recommendations for implementation. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 240.	1.2	4
20	Topic Discovery on Farsi, English, French, and Arabic Tweets Related to COVID-19 Using Text Mining Techniques. <i>Studies in Health Technology and Informatics</i> , 2021, 279, 26-33.	0.2	2
21	The Development and Usability Assessment of an mHealth Application to Encourage Self-Care in Pregnant Women against COVID-19. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-14.	1.1	17
22	A Survey of implementation status of child nutrition surveillance systems, registry systems and information systems: a scoping literature review protocol. <i>BMJ Paediatrics Open</i> , 2021, 5, e001164.	0.6	0
23	Mobile apps for weight management in children and adolescents; An updated systematic review. <i>Patient Education and Counseling</i> , 2021, 104, 2181-2188.	1.0	21
24	Evaluation of the implementation of International Classification of Diseases, 11th revision for morbidity coding: Rationale and study protocol. <i>Informatics in Medicine Unlocked</i> , 2021, 25, 100668.	1.9	6
25	COVID-19 Severity and Comorbidities in Diabetic Patients. <i>Disease and Diagnosis</i> , 2021, 10, 91-98.	0.1	2
26	Identification of root causes of clinical coding problems in Iranian hospitals. <i>Health Information Management Journal</i> , 2021, , 183335832110604.	0.9	2
27	Effect of Implementation of Picture Archiving and Communication System on Radiologist Reporting Time and Utilization of Radiology Services: A Case Study in Iran. <i>Journal of Digital Imaging</i> , 2020, 33, 595-601.	1.6	4
28	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1204-1222.	6.3	7,664
29	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	6.3	3,928
30	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
31	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1250-1284.	6.3	330
32	Electronic health recordâ€“based disease surveillance systems: A systematic literature review on challenges and solutions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1977-1986.	2.2	22
33	Remote tracking of Parkinson's Disease progression using ensembles of Deep Belief Network and Self-Organizing Map. <i>Expert Systems With Applications</i> , 2020, 159, 113562.	4.4	49
34	Clinical decision support system to predict chronic kidney disease: A fuzzy expert system approach. <i>International Journal of Medical Informatics</i> , 2020, 138, 104134.	1.6	37
35	Teleoncology for children with cancer: A scoping review on applications and outcomes. <i>International Journal of Medical Informatics</i> , 2020, 139, 104118.	1.6	10
36	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020, 26, 750-759.	15.2	47

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37	Essential Data Elements for Electronic Cardiovascular Medical Record Systems in Iran. <i>Frontiers in Health Informatics</i> , 2020, 10, 54.	0.3	0
38	The First Inherited Retinal Disease Registry in Iran: Research Protocol and Results of a Pilot Study. <i>Archives of Iranian Medicine</i> , 2020, 23, 445-454.	0.2	9
39	Information Needs of Women with Breast Cancer: A Review of the Literature. <i>Frontiers in Health Informatics</i> , 2020, 9, 30.	0.3	3
40	Implementation of regional COVID-19 registry in Hormozgan (RCovidRH), Iran: Rationale and study protocol. <i>Medical Journal of the Islamic Republic of Iran</i> , 2020, 34, 96.	0.9	5
41	Nurses' Viewpoints on Barriers and Facilitators to Use Hospital Information Systems. <i>Studies in Health Technology and Informatics</i> , 2020, 271, 145-152.	0.2	1
42	Effects of Using Hospital Information Systems on Nurses' Individual Performance: A Study on Influential Factors. <i>Studies in Health Technology and Informatics</i> , 2020, 271, 161-167.	0.2	2
43	Organizational Factors Affecting the Adoption of a Technological Innovation: A Study of the Hospital Information System (HIS). , 2019, , .		4
44	A Clinical Decision Support System for Predicting the Early Complications of One-Anastomosis Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2019, 29, 2276-2286.	1.1	17
45	A Proposed Model to Identify Factors Affecting Asthma using Data Mining. <i>Majallah-i DÄnishgÄh-i Å€™UIÄ«m-i PizishkÄ«-i ÄªlÄªm</i> , 2019, 27, 203-212.	0.1	0
46	Monitoring of external predisposing factors for Diabetic Foot: A literature review and physicians' perspectives. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 159.	0.9	3
47	Electronic Medical Records for Mental Disorders: What Data Elements Should These Systems Contain?. <i>Studies in Health Technology and Informatics</i> , 2019, 260, 25-32.	0.2	5
48	Performance of Hospitals in Protecting the Confidentiality and Information Security of Patients in Health Information Departments. <i>Studies in Health Technology and Informatics</i> , 2019, 260, 202-209.	0.2	2
49	Improving Cancer Literacy for the Deaf Using Deaf-Tailored Educational Interventions: a Review of the Literature. <i>Journal of Cancer Education</i> , 2018, 33, 737-748.	0.6	7
50	Development of a tool for comprehensive evaluation of population-based cancer registries. <i>International Journal of Medical Informatics</i> , 2018, 117, 26-32.	1.6	11
51	Physicians' Perspectives on Causes of Health Care Errors and Preventive Strategies: A Study in a Developing Country. <i>Iranian Journal of Public Health</i> , 2018, 47, 720-728.	0.3	7
52	Standardization of Health Terminology Systems and the Roles of Responsible Organizations. <i>Iranian Journal of Public Health</i> , 2018, 47, 1613-1614.	0.3	1
53	A Feasibility Study on the Implementation of Teleconsultation in Tuberculosis Patients in Zabol City of Iran. <i>Studies in Health Technology and Informatics</i> , 2018, 247, 501-505.	0.2	0
54	Use of Mobile Apps Among Medical and Nursing Students in Iran. <i>Studies in Health Technology and Informatics</i> , 2018, 248, 33-39.	0.2	5

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55	Effectiveness of Anonymization Methods in Preserving Patients' Privacy: A Systematic Literature Review. <i>Studies in Health Technology and Informatics</i> , 2018, 248, 80-87.	0.2	7
56	Telemedicine in Diagnosis, Treatment and Management of Diseases in Children. <i>Studies in Health Technology and Informatics</i> , 2018, 248, 148-155.	0.2	9
57	Evaluation of SNOMED CT Content Coverage: A Systematic Literature Review. <i>Studies in Health Technology and Informatics</i> , 2018, 248, 212-219.	0.2	4
58	Nurses' Attitude for Using Barcode Medication Administration System in a Developing Country. <i>Studies in Health Technology and Informatics</i> , 2018, 248, 220-225.	0.2	1
59	Barriers for Implementation and Use of Health Information Systems from the Physicians' Perspectives. <i>Studies in Health Technology and Informatics</i> , 2018, 251, 269-272.	0.2	0
60	Benefits of Using Mobile Technologies in Education from the Viewpoints of Medical and Nursing Students. <i>Studies in Health Technology and Informatics</i> , 2018, 251, 289-292.	0.2	6
61	A clinical decision support system for prediction of pregnancy outcome in pregnant women with systemic lupus erythematosus. <i>International Journal of Medical Informatics</i> , 2017, 97, 239-246.	1.6	50
62	Acceptability of picture archiving and communication system (PACS) among hospital healthcare personnel based on a unified theory of acceptance and use of technology. <i>Electronic Physician</i> , 2017, 9, 5325-5330.	0.2	15
63	Barriers and Facilitators of Health Literacy among D/deaf Individuals: A Review Article. <i>Iranian Journal of Public Health</i> , 2017, 46, 1465-1474.	0.3	12
64	Assessing the Educational Needs of Health Information Management Staff of the Mashhad University of Medical Sciences, Iran. <i>Studies in Health Technology and Informatics</i> , 2017, 236, 104-110.	0.2	0
65	Nurses' knowledge and performance of the patients' bill of rights. <i>Nursing Ethics</i> , 2016, 23, 866-876.	1.8	16
66	Online survey software as a data collection tool for medical education: A case study on lesson plan assessment. <i>Medical Journal of the Islamic Republic of Iran</i> , 2016, 30, 464.	0.9	3
67	The effect of an android-based application on the knowledge of the caregivers of children with cerebral palsy. <i>Medical Journal of the Islamic Republic of Iran</i> , 2016, 30, 456.	0.9	6
68	Evaluation of RGP Contact Lens Fitting in Keratoconus Patients Using Hierarchical Fuzzy Model and Genetic Algorithms. <i>Studies in Health Technology and Informatics</i> , 2016, 220, 124-9.	0.2	1
69	Nurses' Information Seeking Behavior for Clinical Practice: A Case Study in a Developing Country. <i>Studies in Health Technology and Informatics</i> , 2016, 225, 23-7.	0.2	3
70	Awareness, Attitude and Readiness of Clinical Staff Towards Telemedicine: A Study in Mashhad, Iran. <i>Studies in Health Technology and Informatics</i> , 2016, 228, 142-6.	0.2	6
71	Perceived Quality of Informed Refusal Process: A Cross-sectional Study from Iranian Patients' Perspectives. <i>Developing World Bioethics</i> , 2015, 15, 172-178.	0.6	2
72	Social Media and Health Care: Necessity of Facing Their Challenges. <i>Iranian Journal of Public Health</i> , 2015, 44, 596-7.	0.3	6

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73	Nurse Managers's™ Work Life Quality and Their Participation in Knowledge Management: A Correlational Study. Iranian Red Crescent Medical Journal, 2014, 17, e18204.	0.5	2
74	Prioritizing Factors Influencing Nurses's™ Satisfaction With Hospital Information Systems. CIN - Computers Informatics Nursing, 2014, 32, 174-181.	0.3	18
75	Developing and Using Expert Systems and Neural Networks in Medicine: A Review on Benefits and Challenges. Journal of Medical Systems, 2014, 38, 110.	2.2	74
76	Quality of work life and job satisfaction of nursing managers. Iranian Journal of Public Health, 2014, 43, 537-8.	0.3	3
77	Near Misses and Their Importance for Improving Patient Safety. Iranian Journal of Public Health, 2014, 43, 853-4.	0.3	19
78	Evaluation of system quality of hospital information system: a case study on nurses' experiences. Studies in Health Technology and Informatics, 2014, 205, 960-4.	0.2	2
79	A framework of a patient safety information system for Iranian hospitals: Lessons learned from Australia, England and the US. International Journal of Medical Informatics, 2013, 82, 335-344.	1.6	22
80	Health Information Security: A Case Study of Three Selected Medical Centers in Iran. Acta Informatica Medica, 2013, 21, 42.	0.5	7
81	CEO is a Vision of the Future Role and Position of CIO in Healthcare Organizations. Journal of Medical Systems, 2010, 34, 1121-1128.	2.2	12
82	Factors Associated with Quality of Informed Consent in Patients Admitted for Surgery: An Iranian Study. American Journal of Bioethics Primary Research, 2010, 1, 9-16.	1.5	11
83	Effective factors on accuracy of principal diagnosis coding based on International Classification of Diseases, the 10th revision (ICD-10). International Journal of Information Management, 2010, 30, 78-84.	10.5	36
84	Evaluation of factors influencing accuracy of principal procedure coding based on ICD-9-CM: an Iranian study. Perspectives in Health Information Management / AHIMA, American Health Information Management Association, 2009, 6, 5.	0.0	10
85	A new model for the organizational structure of medical record departments in hospitals in Iran. Perspectives in Health Information Management / AHIMA, American Health Information Management Association, 2006, 3, 4.	0.0	4
86	Monitoring of external predisposing factors for Diabetic Foot: A literature review and physicians's™ perspectives. Medical Journal of the Islamic Republic of Iran, 0, , 977-984.	0.9	2
87	A near real-time electronic health record-based COVID-19 surveillance system: An experience from a developing country. Health Information Management Journal, 0, , 183335832211042.	0.9	9