Shabbir Syed-Abdul

List of Publications by Year
in descending order

110 papers	2,502 citations	236925 25 h-index	254184 43 g-index
117 all docs	117 docs citations	117 times ranked	4063 citing authors

#	Article	IF	Citations
1	Misleading Health-Related Information Promoted Through Video-Based Social Media: Anorexia on YouTube. Journal of Medical Internet Research, 2013, 15, e30.	4.3	246
2	Benzodiazepine Use and Risk of Dementia in the Elderly Population: A Systematic Review and Meta-Analysis. Neuroepidemiology, 2016, 47, 181-191.	2.3	178
3	The usefulness and actual use of wearable devices among the elderly population. Computer Methods and Programs in Biomedicine, 2018, 153, 137-159.	4.7	139
4	Virtual reality among the elderly: a usefulness and acceptance study from Taiwan. BMC Geriatrics, 2019, 19, 223.	2.7	110
5	mHealth: An updated systematic review with a focus on HIV/AIDS and tuberculosis long term management using mobile phones. Computer Methods and Programs in Biomedicine, 2015, 122, 257-265.	4.7	89
6	Mobile and wearable technologies in healthcare for the ageing population. Computer Methods and Programs in Biomedicine, 2018, 161, 233-237.	4.7	86
7	Adverse outcomes of long-term use of proton pump inhibitors: a systematic review and meta-analysis. European Journal of Gastroenterology and Hepatology, 2018, 30, 1395-1405.	1.6	64
8	Exploring association between statin use and breast cancer risk: an updated meta-analysis. Archives of Gynecology and Obstetrics, 2017, 296, 1043-1053.	1.7	58
9	COVID-19 infodemic and digital health literacy in vulnerable populations: A scoping review. Digital Health, 2022, 8, 205520762210769.	1.8	58
10	A case study of an EMR system at a large hospital in India: Challenges and strategies for successful adoption. Journal of Biomedical Informatics, 2011, 44, 958-967.	4.3	54
11	Building a National Electronic Medical Record Exchange System – Experiences in Taiwan. Computer Methods and Programs in Biomedicine, 2015, 121, 14-20.	4.7	49
12	COVID-19 preventive measures showing an unintended decline in infectious diseases in Taiwan. International Journal of Infectious Diseases, 2020, 98, 18-20.	3.3	49
13	Machine Learning Prediction Models for Chronic Kidney Disease Using National Health Insurance Claim Data in Taiwan. Healthcare (Switzerland), 2021, 9, 546.	2.0	47
14	Is Long-term Use of Benzodiazepine a Risk for Cancer?. Medicine (United States), 2015, 94, e483.	1.0	45
15	Empowering village doctors and enhancing rural healthcare using cloud computing in a rural area of mainland China. Computer Methods and Programs in Biomedicine, 2014, 113, 585-592.	4.7	44
16	Gender-based personalized pharmacotherapy: a systematic review. Archives of Gynecology and Obstetrics, 2017, 295, 1305-1317.	1.7	42
17	Recognition and Evaluation of Clinical Section Headings in Clinical Documents Using Token-Based Formulation with Conditional Random Fields. BioMed Research International, 2015, 2015, 1-10.	1.9	39
18	Telemedicine Utilization to Support the Management of the Burns Treatment Involving Patient Pathways in Both Developed and Developing Countries. Journal of Burn Care and Research, 2012, 33, e207-e212.	0.4	38

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19	Factors influencing consumer adoption of USB-based Personal Health Records in Taiwan. BMC Health Services Research, 2012, 12, 277.	2.2	35
20	Using machine learning models to predict the initiation of renal replacement therapy among chronic kidney disease patients. PLoS ONE, 2020, 15, e0233976.	2.5	35
21	Cancer-disease associations: A visualization and animation through medical big data. Computer Methods and Programs in Biomedicine, 2016, 127, 44-51.	4.7	34
22	Combating Osteoarthritis through Stem Cell Therapies by Rejuvenating Cartilage: A Review. Stem Cells International, 2018, 2018, 1-13.	2.5	33
23	Exploring the Association between Statin Use and the Risk of Parkinson's Disease: A Meta-Analysis of Observational Studies. Neuroepidemiology, 2017, 49, 142-151.	2.3	32
24	Determinants and development of a web-based child mortality prediction model in resource-limited settings: A data mining approach. Computer Methods and Programs in Biomedicine, 2017, 140, 45-51.	4.7	31
25	Predicting severe outcomes in Covid-19 related illness using only patient demographics, comorbidities and symptoms. American Journal of Emergency Medicine, 2021, 45, 378-384.	1.6	29
26	Meteorological influences on dengue transmission in Pakistan. Asian Pacific Journal of Tropical Medicine, 2016, 9, 954-961.	0.8	28
27	Roles of Sedentary Behaviors and Unhealthy Foods in Increasing the Obesity Risk in Adult Men and Women: A Cross-Sectional National Study. Nutrients, 2018, 10, 704.	4.1	28
28	The Taiwanese method for providing patients data from multiple hospital EHR systems. Journal of Biomedical Informatics, 2011, 44, 326-332.	4.3	27
29	Facebook use leads to health-care reform in Taiwan. Lancet, The, 2011, 377, 2083-2084.	13.7	25
30	Investigating spatio-temporal distribution and diffusion patterns of the dengue outbreak in Swat, Pakistan. Journal of Infection and Public Health, 2018, 11, 550-557.	4.1	25
31	Artificial intelligence in neurosciences: A clinician's perspective. Neurology India, 2018, 66, 934.	0.4	25
32	Artificial-Intelligence-Based Prediction of Clinical Events among Hemodialysis Patients Using Non-Contact Sensor Data. Sensors, 2018, 18, 2833.	3.8	24
33	Effects of Virtual Reality Sessions on the Quality of Life, Happiness, and Functional Fitness among the Older People: A Randomized Controlled Trial from Taiwan. Computer Methods and Programs in Biomedicine, 2021, 200, 105892.	4.7	24
34	Mobile teledermatology for a prompter and more efficient dermatological care in rural Mongolia. British Journal of Dermatology, 2015, 173, 265-267.	1.5	23
35	Correlation between Diabetes Mellitus and Knee Osteoarthritis: A Dry-To-Wet Lab Approach. International Journal of Molecular Sciences, 2018, 19, 3021.	4.1	23
36	A Probabilistic Model for Reducing Medication Errors. PLoS ONE, 2013, 8, e82401.	2.5	22

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37	A novel method for inferring RFID tag reader recordings into clinical events. International Journal of Medical Informatics, 2011, 80, 872-880.	3.3	20
38	Study on the potential for delay tolerant networks by health workers in low resource settings. Computer Methods and Programs in Biomedicine, 2012, 107, 557-564.	4.7	20
39	LabPush: A Pilot Study of Providing Remote Clinics with Laboratory Results via Short Message Service (SMS) in Swaziland, Africa. PLoS ONE, 2012, 7, e44462.	2.5	20
40	A novel tool for visualizing chronic kidney disease associated polymorbidity: a 13-year cohort study in Taiwan. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 290-298.	4.4	20
41	Evaluation of user satisfaction and usability of a mobile app for smoking cessation. Computer Methods and Programs in Biomedicine, 2019, 182, 105042.	4.7	20
42	Artificial Intelligence based Models for Screening of Hematologic Malignancies using Cell Population Data. Scientific Reports, 2020, 10, 4583.	3.3	20
43	Opening the Black Box: Explaining the Process of Basing a Health Recommender System on the I-Change Behavioral Change Model. IEEE Access, 2019, 7, 176525-176540.	4.2	19
44	Feature Engineering for Recognizing Adverse Drug Reactions from Twitter Posts. Information (Switzerland), 2016, 7, 27.	2.9	18
45	The impact of benzodiazepines on occurrence of pneumonia and mortality from pneumonia: a nested case-control and survival analysis in a population-based cohort: TableÂ1. Thorax, 2013, 68, 591.2-592.	5.6	17
46	Risk factors for ectopic pregnancy in the Taiwanese population: a retrospective observational study. Archives of Gynecology and Obstetrics, 2016, 294, 779-783.	1.7	16
47	Realizing an Integrated Multistage Support Vector Machine Model for Augmented Recognition of Unipolar Depression. Electronics (Switzerland), 2020, 9, 647.	3.1	16
48	A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial. Trials, 2018, 19, 618.	1.6	15
49	A User-Centered Chatbot (Wakamola) to Collect Linked Data in Population Networks to Support Studies of Overweight and Obesity Causes: Design and Pilot Study. JMIR Medical Informatics, 2021, 9, e17503.	2.6	15
50	A smart medication recommendation model for the electronic prescription. Computer Methods and Programs in Biomedicine, 2014, 117, 218-224.	4.7	14
51	Cloud-based BP system integrated with CPOE improves self-management of the hypertensive patients: A randomized controlled trial. Computer Methods and Programs in Biomedicine, 2016, 132, 105-113.	4.7	14
52	Lessons learnt from a MOOC about social media for digital health literacy. , 2016, 2016, 5636-5639.		13
53	Viral warts (Human Papilloma Virus) as a potential risk for breast cancer among younger females. Computer Methods and Programs in Biomedicine, 2017, 144, 203-207.	4.7	13
54	Does long-term use of antidiabetic drugs changes cancer risk?. Medicine (United States), 2019, 98, e17461.	1.0	13

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55	E-Health Literacy and Health Information Seeking Behavior Among University Students in Bangladesh. Studies in Health Technology and Informatics, 2017, 245, 122-125.	0.3	13
56	SlimMe, a Chatbot With Artificial Empathy for Personal Weight Management: System Design and Finding. Frontiers in Nutrition, 0, 9, .	3.7	13
57	Proton Pump Inhibitor Use and Risk of Gastric Cancer: Current Evidence from Epidemiological Studies and Critical Appraisal. Cancers, 2022, 14, 3052.	3.7	12
58	Comparison of documentation time between an electronic and a paper-based record system by optometrists at an eye hospital in south India: A time–motion study. Computer Methods and Programs in Biomedicine, 2010, 100, 283-288.	4.7	11
59	Early Tumor Diagnosis in Brain MR Images via Deep Convolutional Neural Network Model. Computers, Materials and Continua, 2021, 68, 2413-2429.	1.9	11
60	A global travelers' electronic health record template standard for personal health records: Figure 1. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 134-136.	4.4	10
61	The incidence rate and mortality of malignant brain tumors after 10 years of intensive cell phone use in Taiwan. European Journal of Cancer Prevention, 2013, 22, 596-598.	1.3	10
62	LiverCancerMarkerRIF: a liver cancer biomarker interactive curation system combining text mining and expert annotations. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau085-bau085.	3.0	10
63	Data Analytics and Applications of the Wearable Sensors in Healthcare: An Overview. Sensors, 2020, 20, 1379.	3.8	10
64	iSlide: a 'big picture' interactive teledermatopathology e-learning system. British Journal of Dermatology, 2015, 172, 692-699.	1.5	9
65	Utilizing Health Information Technology to Support Universal Healthcare Delivery: Experience of a National Healthcare System. Telemedicine Journal and E-Health, 2015, 21, 742-747.	2.8	8
66	Improving trustworthiness for the codes of International Classification of Diseases 11th version and reducing hospital readmissions in order to improve healthcare services. International Journal for Quality in Health Care, 2016, 28, 1-1.	1.8	8
67	Evaluation of Free, Open-source, Web-based DICOM Viewers for the Indian National Telemedicine Service (eSanjeevani). Journal of Digital Imaging, 2020, 33, 1499-1513.	2.9	8
68	Predicting length of stay and mortality among hospitalized patients with type 2 diabetes mellitus and hypertension. International Journal of Medical Informatics, 2021, 154, 104569.	3.3	8
69	Deep-Learning Approach to Predict Survival Outcomes Using Wearable Actigraphy Device Among End-Stage Cancer Patients. Frontiers in Public Health, 2021, 9, 730150.	2.7	8
70	A method to manage and share anti-retroviral (ARV) therapy information of human immunodeficiency virus (HIV) patients in Vietnam. Computer Methods and Programs in Biomedicine, 2013, 111, 290-299.	4.7	6
71	Profiling phenome-wide associations: a population-based observational study. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 896-899.	4.4	6
72	MET network in PubMed: a text-mined network visualization and curation system. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw090.	3.0	6

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73	Exploring associations of clinical and social parameters with violent behaviors among psychiatric patients. Journal of Biomedical Informatics, 2017, 75, S149-S159.	4.3	6
74	Sleep Quality among Breast and Prostate Cancer Patients: A Comparison between Subjective and Objective Measurements. Healthcare (Switzerland), 2021, 9, 785.	2.0	6
75	The Pandemic, Infodemic, and People's Resilience in India: Viewpoint. JMIR Public Health and Surveillance, 2021, 7, e31645.	2.6	6
76	Physicians' Antibiotic Prescribing Behavior in Taiwan, 1998-2011. Clinical Infectious Diseases, 2015, 60, 1439-41.	5.8	5
77	Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence. Journal of Biomedical Informatics, 2017, 74, 85-91.	4.3	5
78	Prediction of Clinical Events in Hemodialysis Patients Using an Artificial Neural Network. Studies in Health Technology and Informatics, 2019, 264, 1570-1571.	0.3	5
79	Challenges and opportunities for the adoption of telemedicine in India. Journal of Telemedicine and Telecare, 2011, 17, 336-337.	2.7	4
80	Predictive Analytics through Machine Learning in the clinical settings. Computer Methods and Programs in Biomedicine, 2017, 144, A1-A2.	4.7	4
81	Using artificial intelligence-based models to predict the risk of mucormycosis among COVID-19 survivors: An experience from a public hospital in India. Journal of Infection, 2022, 84, 351-354.	3.3	4
82	Superbug demands organizational change of the healthcare system. Journal of Pharmacology and Pharmacotherapeutics, 2011, 2, 132.	0.4	3
83	Health information technology and team work to improve health care. International Journal for Quality in Health Care, 2015, 27, 423-423.	1.8	3
84	A hackathon promoting Taiwanese health-IoT innovation. Computer Methods and Programs in Biomedicine, 2018, 163, 29-32.	4.7	3
85	iHELP: Personalised Health Monitoring and Decision Support Based on Artificial Intelligence and Holistic Health Records. , 2021, , .		3
86	Telemedicine in Your Pocket: An Alternative Teleconsultation Tool in a Pandemic and in Resource-Poor Settings. Telemedicine Journal and E-Health, 2021, , .	2.8	3
87	Healthcare quality and safety in developing countries. International Journal for Quality in Health Care, 2015, 27, 239-239.	1.8	2
88	Improving quality of care and patient safety as a priority. International Journal for Quality in Health Care, 2015, 27, 335-335.	1.8	2
89	Organizational Benefits of Computerized Physician Order Entry (CPOE) System in Pakistan. , 2016, , .		2
90	Association between anxiety state and mitral valve disorders: A Taiwanese population-wide observational study. Computer Methods and Programs in Biomedicine, 2016, 132, 57-61.	4.7	2

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91	Role of electronic patient reported safety incidents in improving patient safety and care. International Journal for Quality in Health Care, 2018, 30, 741-742.	1.8	2
92	Opinions regarding Virtual Reality among Older People in Taiwan. , 2020, , .		2
93	The smart pill sticker: Introducing a smart pill management system based on touch-point technology. Health Informatics Journal, 2021, 27, 146045822110528.	2.1	2
94	Applying Collective Intelligence in Health Recommender Systems for Smoking Cessation: A Comparison Trial. Electronics (Switzerland), 2022, 11, 1219.	3.1	2
95	Graft Rejection Prediction Following Kidney Transplantation Using Machine Learning Techniques: A Systematic Review and Meta-Analysis. Studies in Health Technology and Informatics, 2019, 264, 10-14.	0.3	2
96	Using a Wearable Device and Patient Reported Outcome to Evaluate the Influence of Sleep on Quality of Life Among Breast and Prostate Cancer Patients. Studies in Health Technology and Informatics, 2022, , .	0.3	2
97	The novel use of an Extreme learning machines for clinical decision support systems. Computer Methods and Programs in Biomedicine, 2017, 147, A1.	4.7	1
98	Evaluating quality improvement methods and economics of preventable adverse events in the healthcare: From Africa to Europe. International Journal for Quality in Health Care, 2017, 29, 1-1.	1.8	1
99	Preoperative Virtual Reality Based Intelligent Approach for Minimizing Patient Anxiety Levels. , 2019, , .		1
100	Introduction to digital health approach and mHealth applications for participatory health. , 2021, , 1-6.		1
101	Acceptability of Virtual Reality among Older People. , 2019, , .		1
102	Information Flow and Data Gaps in COVID-19 Recording and Reporting at National and Provincial Levels in Indonesia. Healthcare (Switzerland), 2022, 10, 204.	2.0	1
103	Advantages of involving patients in the guidelines development. International Journal for Quality in Health Care, 2016, 28, 267-267.	1.8	0
104	Impact of general practitioner on perceived quality of care and monitoring maternal-newborn health outcomes in developing countries. International Journal for Quality in Health Care, 2016, 28, 539-539.	1.8	0
105	Impact of continuity of care on preventable hospitalization and evaluating patient safety indicators between Italy and the USA. International Journal for Quality in Health Care, 2016, 28, 425-425.	1.8	0
106	Work environment and quality improvement in healthcare. International Journal for Quality in Health Care, 2016, 28, 149-149.	1.8	0
107	The integration of image processing and machine learning for the diagnosis of stroke in CT. Computer Methods and Programs in Biomedicine, 2017, 148, A1.	4.7	0
108	Response to letter: â€˜Proton pump inhibitors therapy and the risk of major osteoporotic nonhip fractures in older adults in Taiwanâ€™. European Journal of Gastroenterology and Hepatology, 2019, 31, 276-276.	1.6	0

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109	F-EvoRecSys: Fuzzy Inference meets Evolutionary Approach for Personalized Well-being Recommendations. , 2021, , .		0
110	Health Information Technologies for Geriatrics: The Big Picture. Studies in Health Technology and Informatics, 2016, 225, 721-3.	0.3	0