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	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
2	COVID-19 infodemic and digital health literacy in vulnerable populations: A scoping review. Digital Health, 2022, 8, 205520762210769.	1.8	58
3	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
4	Applying Collective Intelligence in Health Recommender Systems for Smoking Cessation: A Comparison Trial. Electronics (Switzerland), 2022, 11, 1219.	3.1	2
5	Proton Pump Inhibitor Use and Risk of Gastric Cancer: Current Evidence from Epidemiological Studies and Critical Appraisal. Cancers, 2022, 14, 3052.	3.7	12
6	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
7	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
8	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
9	Introduction to digital health approach and mHealth applications for participatory health. , 2021, , 1-6.		1
10	Early Tumor Diagnosis in Brain MR Images via Deep Convolutional Neural Network Model. Computers, Materials and Continua, 2021, 68, 2413-2429.	1.9	11
11	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
12	Machine Learning Prediction Models for Chronic Kidney Disease Using National Health Insurance Claim Data in Taiwan. Healthcare (Switzerland), 2021, 9, 546.	2.0	47
13	Sleep Quality among Breast and Prostate Cancer Patients: A Comparison between Subjective and Objective Measurements. Healthcare (Switzerland), 2021, 9, 785.	2.0	6
14	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
15	The Pandemic, Infodemic, and People's Resilience in India: Viewpoint. JMIR Public Health and Surveillance, 2021, 7, e31645.	2.6	6
16	F-EvoRecSys: Fuzzy Inference meets Evolutionary Approach for Personalized Well-being Recommendations. , 2021, , .		0
17	iHELP: Personalised Health Monitoring and Decision Support Based on Artificial Intelligence and Holistic Health Records. , 2021, , .		3
18	The smart pill sticker: Introducing a smart pill management system based on touch-point technology. Health Informatics Journal, 2021, 27, 146045822110528.	2.1	2

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19	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
20	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
21	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
22	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
23	Data Analytics and Applications of the Wearable Sensors in Healthcare: An Overview. Sensors, 2020, 20, 1379.	3.8	10
24	Artificial Intelligence based Models for Screening of Hematologic Malignancies using Cell Population Data. Scientific Reports, 2020, 10, 4583.	3.3	20
25	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
26	Realizing an Integrated Multistage Support Vector Machine Model for Augmented Recognition of Unipolar Depression. Electronics (Switzerland), 2020, 9, 647.	3.1	16
27	Opinions regarding Virtual Reality among Older People in Taiwan. , 2020, , .		2
28	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
29	Virtual reality among the elderly: a usefulness and acceptance study from Taiwan. BMC Geriatrics, 2019, 19, 223.	2.7	110
30	Preoperative Virtual Reality Based Intelligent Approach for Minimizing Patient Anxiety Levels. , 2019, , .		1
31	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
32	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
33	Does long-term use of antidiabetic drugs changes cancer risk?. Medicine (United States), 2019, 98, e17461.	1.0	13
34	Acceptability of Virtual Reality among Older People. , 2019, , .		1
35	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
36	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

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37	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
38	Mobile and wearable technologies in healthcare for the ageing population. Computer Methods and Programs in Biomedicine, 2018, 161, 233-237.	4.7	86
39	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
40	A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial. Trials, 2018, 19, 618.	1.6	15
41	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
42	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
43	Correlation between Diabetes Mellitus and Knee Osteoarthritis: A Dry-To-Wet Lab Approach. International Journal of Molecular Sciences, 2018, 19, 3021.	4.1	23
44	Artificial-Intelligence-Based Prediction of Clinical Events among Hemodialysis Patients Using Non-Contact Sensor Data. Sensors, 2018, 18, 2833.	3.8	24
45	A hackathon promoting Taiwanese health-IoT innovation. Computer Methods and Programs in Biomedicine, 2018, 163, 29-32.	4.7	3
46	Combating Osteoarthritis through Stem Cell Therapies by Rejuvenating Cartilage: A Review. Stem Cells International, 2018, 2018, 1-13.	2.5	33
47	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
48	Artificial intelligence in neurosciences: A clinician's perspective. Neurology India, 2018, 66, 934.	0.4	25
49	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
50	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
51	Predictive Analytics through Machine Learning in the clinical settings. Computer Methods and Programs in Biomedicine, 2017, 144, A1-A2.	4.7	4
52	Gender-based personalized pharmacotherapy: a systematic review. Archives of Gynecology and Obstetrics, 2017, 295, 1305-1317.	1.7	42
53	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
54	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

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55	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
56	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
57	Exploring associations of clinical and social parameters with violent behaviors among psychiatric patients. Journal of Biomedical Informatics, 2017, 75, S149-S159.	4.3	6
58	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
59	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
60	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
61	Feature Engineering for Recognizing Adverse Drug Reactions from Twitter Posts. Information (Switzerland), 2016, 7, 27.	2.9	18
62	Advantages of involving patients in the guidelines development. International Journal for Quality in Health Care, 2016, 28, 267-267.	1.8	0
63	Organizational Benefits of Computerized Physician Order Entry (CPOE) System in Pakistan. , 2016, , .		2
64	Lessons learnt from a MOOC about social media for digital health literacy. , 2016, 2016, 5636-5639.		13
65	Benzodiazepine Use and Risk of Dementia in the Elderly Population: A Systematic Review and Meta-Analysis. Neuroepidemiology, 2016, 47, 181-191.	2.3	178
66	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
67	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
68	Meteorological influences on dengue transmission in Pakistan. Asian Pacific Journal of Tropical Medicine, 2016, 9, 954-961.	0.8	28
69	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
70	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
71	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
72	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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73	Cancer-disease associations: A visualization and animation through medical big data. Computer Methods and Programs in Biomedicine, 2016, 127, 44-51.	4.7	34
74	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
75	Work environment and quality improvement in healthcare. International Journal for Quality in Health Care, 2016, 28, 149-149.	1.8	0
76	Health Information Technologies for Geriatrics: The Big Picture. Studies in Health Technology and Informatics, 2016, 225, 721-3.	0.3	0
77	Mobile teledermatology for a prompter and more efficient dermatological care in rural Mongolia. British Journal of Dermatology, 2015, 173, 265-267.	1.5	23
78	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
79	Is Long-term Use of Benzodiazepine a Risk for Cancer?. Medicine (United States), 2015, 94, e483.	1.0	45
80	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
81	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
82	Health information technology and team work to improve health care. International Journal for Quality in Health Care, 2015, 27, 423-423.	1.8	3
83	Building a National Electronic Medical Record Exchange System – Experiences in Taiwan. Computer Methods and Programs in Biomedicine, 2015, 121, 14-20.	4.7	49
84	Healthcare quality and safety in developing countries. International Journal for Quality in Health Care, 2015, 27, 239-239.	1.8	2
85	Profiling phenome-wide associations: a population-based observational study. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 896-899.	4.4	6
86	Physicians' Antibiotic Prescribing Behavior in Taiwan, 1998-2011. Clinical Infectious Diseases, 2015, 60, 1439-41.	5.8	5
87	Improving quality of care and patient safety as a priority. International Journal for Quality in Health Care, 2015, 27, 335-335.	1.8	2
88	iSlide: a 'big picture' interactive teledermatopathology e-learning system. British Journal of Dermatology, 2015, 172, 692-699.	1.5	9
89	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
90	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

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91	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
92	A smart medication recommendation model for the electronic prescription. Computer Methods and Programs in Biomedicine, 2014, 117, 218-224.	4.7	14
93	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
94	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
95	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
96	A Probabilistic Model for Reducing Medication Errors. PLoS ONE, 2013, 8, e82401.	2.5	22
97	Misleading Health-Related Information Promoted Through Video-Based Social Media: Anorexia on YouTube. Journal of Medical Internet Research, 2013, 15, e30.	4.3	246
98	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
99	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
100	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
101	Factors influencing consumer adoption of USB-based Personal Health Records in Taiwan. BMC Health Services Research, 2012, 12, 277.	2.2	35
102	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
103	Facebook use leads to health-care reform in Taiwan. Lancet, The, 2011, 377, 2083-2084.	13.7	25
104	A novel method for inferring RFID tag reader recordings into clinical events. International Journal of Medical Informatics, 2011, 80, 872-880.	3.3	20
105	The Taiwanese method for providing patients data from multiple hospital EHR systems. Journal of Biomedical Informatics, 2011, 44, 326-332.	4.3	27
106	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
107	Superbug demands organizational change of the healthcare system. Journal of Pharmacology and Pharmacotherapeutics, 2011, 2, 132.	0.4	3
108	Challenges and opportunities for the adoption of telemedicine in India. Journal of Telemedicine and Telecare, 2011, 17, 336-337.	2.7	4

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109	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
110	SlimMe, a Chatbot With Artificial Empathy for Personal Weight Management: System Design and Finding. Frontiers in Nutrition, 0, 9, .	3.7	13