Mirza Mansoor Baig

List of Publications by Year
in descending order

36 papers	**1,258** citations	1039880 **9** h-index	752573 **20** g-index
36 all docs	**36** docs citations	**36** times ranked	**1886** citing authors

#	Article	IF	Citations
1	Smart Health Monitoring Systems: An Overview of Design and Modeling. Journal of Medical Systems, 2013, 37, 9898.	2.2	296
2	A comprehensive survey of wearable and wireless ECG monitoring systems for older adults. Medical and Biological Engineering and Computing, 2013, 51, 485-495.	1.6	210
3	A Systematic Review of Wearable Patient Monitoring Systems â€" Current Challenges and Opportunities for Clinical Adoption. Journal of Medical Systems, 2017, 41, 115.	2.2	210
4	Mobile healthcare applications: system design review, critical issues and challenges. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 23-38.	1.4	177
5	A Systematic Review of Wearable Sensors and IoT-Based Monitoring Applications for Older Adults â€" a Focus on Ageing Population and Independent Living. Journal of Medical Systems, 2019, 43, 233.	2.2	130
6	Clinical decision support systems in hospital care using ubiquitous devices: Current issues and challenges. Health Informatics Journal, 2019, 25, 1091-1104.	1.1	21
7	A remote monitoring system with early diagnosis of hypertension and Hypotension. , 2013, , .		18
8	Anaesthesia monitoring using fuzzy logic. Journal of Clinical Monitoring and Computing, 2011, 25, 339-347.	0.7	17
9	A Cox-Based Risk Prediction Model for Early Detection of Cardiovascular Disease: Identification of Key Risk Factors for the Development of a 10-Year CVD Risk Prediction. Advances in Preventive Medicine, 2019, 2019, 1-11.	1.1	17
10	Falls management framework for supporting an independent lifestyle for older adults: a systematic review. Aging Clinical and Experimental Research, 2018, 30, 1275-1286.	1.4	15
11	Machine learning-based clinical decision support system for early diagnosis from real-time physiological data. , 2016, , .		14
12	Real-time vital signs monitoring and interpretation system for early detection of multiple physical signs in older adults. , 2014, , .		12
13	A multifactorial falls risk prediction model for hospitalized older adults. , 2014, 2014, 3484-7.		9
14	Falls risk assessment for hospitalised older adults: a combination of motion data and vital signs. Aging Clinical and Experimental Research, 2016, 28, 1159-1168.	1.4	9
15	A machine learning model for predicting risk of hospital readmission within 30 days of discharge: validated with LACE index and patient at risk of hospital readmission (PARR) model. Medical and Biological Engineering and Computing, 2020, 58, 1459-1466.	1.6	9
16	Early Detection of Prediabetes and T2DM Using Wearable Sensors and Internet-of-Things-Based Monitoring Applications. Applied Clinical Informatics, 2021, 12, 001-009.	0.8	9
17	Patient perspectives and experiences of the rapid implementation of digital consultations during COVID-19 â€" a qualitative study among women with gynecological cancer. Supportive Care in Cancer, 2022, 30, 2545-2554.	1.0	9
18	Fuzzy logic based anaesthesia monitoring systems for the detection of absolute hypovolaemia. Computers in Biology and Medicine, 2013, 43, 683-692.	3.9	8

#	Article	IF	Citations
19	Deterioration to decision: a comprehensive literature review of rapid response applications for deteriorating patients in acute care settings. Health and Technology, 2020, 10, 567-573.	2.1	8
20	A wireless patient monitoring system for hospitalized older adults: Acceptability, reliability and accuracy evaluation. , 2014, , .		7
21	A machine learning model for predicting ICU readmissions and key risk factors: analysis from a longitudinal health records. Health and Technology, 2019, 9, 297-309.	2.1	7
22	Detection and classification of hypovolaemia during anaesthesia. , 2011, 2011, 357-60.		6
23	Review of Vital Signs Monitoring Systems – Patient's Acceptability, Issues and Challenges. Neuroscience and Biomedical Engineering, 2015, 2, 2-13.	0.4	6
24	Detecting Falls Using a Wearable Accelerometer Motion Sensor. , 2017, , .		6
25	Failure mode and effect analysis (FMEA) to identify and mitigate failures in a hospital rapid response system (RRS). Heliyon, 2022, 8, e08944.	1.4	6
26	Integrated vital signs monitoring system using ubiquitous devices: Multiple physical signs detection and decision support for hospitalized older adults. , 2015, 2015, 1219-22.		5
27	Tablet-based patient monitoring and decision support systems in hospital care. , 2015, 2015, 1215-8.		5
28	A systematic review of rapid response applications based on early warning score for early detection of inpatient deterioration. Informatics for Health and Social Care, 2021, 46, 148-157.	1.4	5
29	Multiple physical signs detection and decision support system for hospitalized older adults. Physiological Measurement, 2015, 36, 2069-2088.	1.2	2
30	Impact of socio-economic status and race on emergency hospital admission outcomes: Analysis from hospital admissions between 2001 and 2012. Health Services Management Research, 2021, , 095148482110121.	1.0	2
31	Cuff-less, non-invasive and continuous blood pressure monitoring using indirect methods. , 2015, , .		1
32	Improving Post-Hospital Discharge Management by Implementing the Discharge Summary on a Mobile Application. , 2018, , .		1
33	Managing Long-Term Conditions: Wearable Sensors and IoT-Based Monitoring Applications. , 2019, , 1-5.		1
34	Identifying the relationship between unstable vital signs and intensive care unit (ICU) readmissions: an analysis of 10-year of hospital ICU readmissions. Health and Technology, 2019, 9, 77-85.	2.1	0
35	Managing Long-Term Conditions: Wearable Sensors and IoT-Based Monitoring Applications. , 2021, , 3047-3051.		0
36	Advanced decision support system for older adults. Studies in Health Technology and Informatics, 2015, 211, 235-40.	0.2	0