

Abdur Rahim Mohammad Forkan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

772
citations

840776

11
h-index

1058476

14
g-index

30
all docs

30
docs citations

30
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	A context-aware approach for long-term behavioural change detection and abnormality prediction in ambient assisted living. <i>Pattern Recognition</i> , 2015, 48, 628-641.	8.1	164
2	CoCaMAAL: A cloud-oriented context-aware middleware in ambient assisted living. <i>Future Generation Computer Systems</i> , 2014, 35, 114-127.	7.5	141
3	Healthcare 4.0: A review of frontiers in digital health. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2020, 10, e1350.	6.8	80
4	BDCaM: Big Data for Context-Aware Monitoring – A Personalized Knowledge Discovery Framework for Assisted Healthcare. <i>IEEE Transactions on Cloud Computing</i> , 2017, 5, 628-641.	4.4	74
5	ViSiBiD: A learning model for early discovery and real-time prediction of severe clinical events using vital signs as big data. <i>Computer Networks</i> , 2017, 113, 244-257.	5.1	63
6	Real-time Secure Health Surveillance for Smarter Health Communities. <i>IEEE Communications Magazine</i> , 2019, 57, 122-129.	6.1	38
7	CorrDetector: A framework for structural corrosion detection from drone images using ensemble deep learning. <i>Expert Systems With Applications</i> , 2022, 193, 116461.	7.6	33
8	A clinical decision-making mechanism for context-aware and patient-specific remote monitoring systems using the correlations of multiple vital signs. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 139, 1-16.	4.7	31
9	PEACE-Home: Probabilistic estimation of abnormal clinical events using vital sign correlations for reliable home-based monitoring. <i>Pervasive and Mobile Computing</i> , 2017, 38, 296-311.	3.3	27
10	A Vision for Leveraging the Concept of Digital Twins to Support the Provision of Personalized Cancer Care. <i>IEEE Internet Computing</i> , 2022, 26, 17-24.	3.3	26
11	A probabilistic model for early prediction of abnormal clinical events using vital sign correlations in home-based monitoring. , 2016, , .		22
12	An Industrial IoT Solution for Evaluating Workers' Performance Via Activity Recognition. , 2019, , .		18
13	An Internet-of-Things Solution to Assist Independent Living and Social Connectedness in Elderly. <i>ACM Transactions on Social Computing</i> , 2019, 2, 1-24.	2.5	15
14	HalleyAssist: A Personalised Internet of Things Technology to Assist the Elderly in Daily Living. , 2019, , .		7
15	A Context:aware, Predictive and Protective Approach for Wellness Monitoring of Cardiac Patients. , 0, , .		5
16	Investigation of Intervention Solutions to Enhance Adherence to Oral Anticancer Medicines in Adults: Overview of Reviews. <i>JMIR Cancer</i> , 2022, 8, e34833.	2.4	5
17	AqVision: A Tool for Air Quality Data Visualisation and Pollution-Free Route Tracking for Smart City. , 2019, , .		4
18	VisCrimePredict. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Exploiting Heterogeneity for Opportunistic Resource Scaling in Cloud-hosted Applications. IEEE Transactions on Services Computing, 2019, , 1-1.	4.6	3
20	A solution for annotating sensor data streams - An industrial use case in building management system. , 2020, , .		3
21	Patient clustering using dynamic partitioning on correlated and uncertain biomedical data. Computer Methods and Programs in Biomedicine, 2020, 190, 105483.	4.7	3
22	LogLiDAR: An Internet of Things Solution for Counting and Scaling Logs. , 2021, , .		2
23	Visual Analytics Ontology-Guided I-DE System: A Case Study of Head and Neck Cancer in Australia. , 2018, , .		1
24	Towards Risk-Aware Cost-Optimal Resource Allocation for Cloud Applications. , 2019, , .		1
25	ECHO: A Tool for Empirical Evaluation Cloud Chatbots. , 2020, , .		1
26	MobDL: A Framework for Profiling Deep Learning Models: A Case Study using Mobile Digital Health Applications. , 2020, , .		1
27	MobileDLSearch: Ontology-based Mobile Platform for Effective Sharing and Reuse of Deep Learning Models. , 2021, , .		1
28	Developing a Personalised Diabetic Platform Using a Design Science Research Methodology. Advances in Medical Technologies and Clinical Practice Book Series, 2021, , 71-87.	0.3	0
29	TIARA. , 2019, , .		0