Asiya Khan

List of Publications by Year
in descending order

		567247		552766
53 papers	1,194 citations	15 h-index	26 g-index
55 all docs	55 docs citations	55 times ranked	890 citing authors

#	Article	IF	Citations
1	Range extension for electromagnetic detection of subsea power and telecommunication cables. Journal of Marine Engineering and Technology, 2022, 21, 65-72.	4.1	1
2	Student as researchers: towards redefining undergraduate projects. International Journal of Continuing Engineering Education and Life-Long Learning, 2022, 1, 1.	0.2	0
3	Life Course Digital Twinsâ€"Intelligent Monitoring for Early and Continuous Intervention and Prevention (LifeTIME): Proposal for a Retrospective Cohort Study. JMIR Research Protocols, 2022, 11, e35738.	1.0	3
4	A Scoping Review of Digital Twins in the Context of the Covid-19 Pandemic. Biomedical Engineering and Computational Biology, 2022, 13, 117959722211021.	2.0	7
5	Collaborative Unmanned Vehicles for Inspection, Maintenance, and Repairs of Offshore Wind Turbines. Drones, 2022, 6, 137.	4.9	16
6	Extended Abstract: Intelligent Position Anchoring for Collaborative Unmanned Surface-Aerial Vehicle. , 2022, , .		0
7	An Intelligent Aerial Manipulator for Wind Turbine Inspection and Repair. , 2022, , .		3
8	LiDAR-based Obstacle Detection and Avoidance for Autonomous Vehicles using Raspberry Pi 3B. , 2022, , .		1
9	Drone Footage Wind Turbine Surface Damage Detection. , 2022, , .		5
10	ADID-UNETâ€"a segmentation model for COVID-19 infection from lung CT scans. PeerJ Computer Science, 2021, 7, e349.	4.5	28
11	Mobile apps for self-management in pregnancy: a systematic review. Health and Technology, 2021, 11, 283-294.	3.6	20
12	Unsupervised Machine Learning-Based Elephant and Mice Flow Identification. Lecture Notes in Networks and Systems, 2021, , 357-370.	0.7	2
13	Deep and Transfer Learning Approaches for Pedestrian Identification and Classification in Autonomous Vehicles. Electronics (Switzerland), 2021, 10, 3159.	3.1	4
14	A Novel Double Layered Hybrid Multi-Robot Framework for Guidance and Navigation of Unmanned Surface Vehicles in a Practical Maritime Environment. Journal of Marine Science and Engineering, 2020, 8, 624.	2.6	39
15	Quality of experience (QoE) and quality of service (QoS) in UAV systems. , 2020, , 215-245.		5
16	Pedestrian Recognition and Obstacle Avoidance for Autonomous Vehicles Using Raspberry Pi. Advances in Intelligent Systems and Computing, 2020, , 51-69.	0.6	2
17	De-Noising Signals Using Wavelet Transform in Internet of Underwater Things. Advances in Intelligent Systems and Computing, 2020, , 1192-1198.	0.6	0
18	Quality of experience (QoE) in cloud gaming models: A review. Multiagent and Grid Systems, 2019, 15, 289-304.	0.9	44

#	ARTICLE	IF	CITATIONS
19	Design and evaluation of an alternative wheelchair control system for dexterity disabilities. Healthcare Technology Letters, 2019, 6, 109-114.	3.3	8
20	Data Encryption and Fragmentation in Autonomous Vehicles Using Raspberry Pi 3. , 2019, , .		0
21	Application of Quality of Experience in Networked Services: Review, Trend & Perspectives. Systemic Practice and Action Research, 2019, 32, 501-519.	1.7	18
22	The use of clickers in Instrumentation and Control Engineering education: a case study. European Journal of Engineering Education, 2019, 44, 271-282.	2.3	4
23	Efficient optimal path planning of unmanned surface vehicles. , 2019, , 31-60.		2
24	A non-minimum phase robust nonlinear neuro-wavelet predictive control strategy for a quadruple tank process. International Journal of Process Systems Engineering, 2018, 4, 207.	0.2	0
25	A Two Layered Optimal Approach towards Cooperative Motion Planning of Unmanned Surface Vehicles in a Constrained Maritime Environment. IFAC-PapersOnLine, 2018, 51, 378-383.	0.9	28
26	A constrained A* approach towards optimal path planning for an unmanned surface vehicle in a maritime environment containing dynamic obstacles and ocean currents. Ocean Engineering, 2018, 169, 187-201.	4.3	188
27	Assessment of quality of experience (QoE) of image compression in social cloud computing. Multiagent and Grid Systems, 2018, 14, 125-143.	0.9	42
28	Quality of Experience Framework for Cloud Computing (QoC). IEEE Access, 2018, 6, 64876-64890.	4.2	45
29	Impact of Video File Format on Quality of Experience (QoE) of Multimedia Content. 3D Research, 2018, 9, 1.	1.8	21
30	Feasibility study of a constrained Dijkstra approach for optimal path planning of an unmanned surface vehicle in a dynamic maritime environment. , 2018, , .		24
31	A non-minimum phase robust nonlinear neuro-wavelet predictive control strategy for a quadruple tank process. International Journal of Process Systems Engineering, 2018, 4, 207.	0.2	0
32	Cache Performance Optimization of QoC Framework. EAI Endorsed Transactions on Scalable Information Systems, 2018, .	0.8	7
33	Understanding spatial related network challenges from physical and network layers. , 2017, , .		0
34	An unmanned marine vehicle thruster fault diagnosis scheme based on OFNDA. Journal of Marine Engineering and Technology, 2017, 16, 37-44.	4.1	15
35	Impact of storage of mobile on quality of experience (QoE) at user level accessing cloud. , 2017, , .		15
36	Assessing effect of Cloud distance on end user's Quality of Experience (QoE). , 2016, , .		20

#	Article	IF	Citations
37	Predicting types of failures in wireless sensor networks using an adaptive neuro-fuzzy inference system. , 2016, , .		0
38	QoE Prediction Model and its Application in Video Quality Adaptation Over UMTS Networks. IEEE Transactions on Multimedia, 2012, 14, 431-442.	7.2	147
39	Quality of experience (QoE) driven adaptation scheme forÂvoice/video over IP. Telecommunication Systems, 2012, 49, 99-111.	2.5	26
40	Impact of end devices on subjective video quality assessment for QCIF video sequences. , 2011, , .		9
41	QoE-Driven Sender Bitrate Adaptation Scheme for Video Applications over IP Multimedia Subsystem. , 2011, , .		14
42	Video Quality Prediction Models Based on Video Content Dynamics for H.264 Video over UMTS Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-17.	0.6	32
43	Video Quality Prediction Model for H.264 Video over UMTS Networks and Their Application in Mobile Video Streaming. , 2010, , .		28
44	Quality of experience-driven adaptation scheme for video applications over wireless networks. IET Communications, 2010, 4, 1337.	2.2	137
45	Learning models for video quality prediction over wireless local area network and universal mobile telecommunication system networks. IET Communications, 2010, 4, 1389.	2.2	24
46	An ANFIS-based hybrid quality prediction model for H.264 video over UMTS networks. , 2010, , .		2
47	Impact of RLC losses on quality prediction for H.264 video over UMTS networks. , 2010, , .		1
48	Impact of Video Content on Video Quality for Video over Wireless Networks. , 2009, , .		25
49	Open IMS Core with VoIP Quality Adaptation. , 2009, , .		5
50	Content Clustering Based Video Quality Prediction Model for MPEG4 Video Streaming over Wireless Networks. , 2009, , .		63
51	Content classification-based and QoE-driven video send bitrate adaptation scheme. , 2009, , .		5
52	Content-Based Video Quality Prediction for MPEG4 Video Streaming over Wireless Networks. Journal of Multimedia, 2009, 4, .	0.3	46
53	An ANFIS-Based Hybrid Video Quality Prediction Model for Video Streaming over Wireless Networks. , 2008, , .		11