

Abdulaziz S Alsayyari

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

240
citations

1684188

5
h-index

1720034

7
g-index

24
all docs

24
docs citations

24
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	An empirical path loss model for wireless sensor network deployment in a sand terrain environment. , 2014, , .		34
2	A Wireless Sensor Networks' Analytics System for Predicting Performance in On-Demand Deployments. IEEE Systems Journal, 2015, 9, 1344-1353.	4.6	25
3	An empirical path loss model for wireless sensor network deployment in a dense tree environment. , 2017, , .		25
4	An empirical path loss model for Wireless Sensor Network deployment in a concrete surface environment. , 2015, , .		22
5	An empirical path loss model for Wireless Sensor Network deployment in an artificial turf environment. , 2014, , .		18
6	Moth-Flame Algorithm for Accurate Simulation of a Non-Uniform Electric Field in the Presence of Dielectric Barrier. IEEE Access, 2019, 7, 3836-3847.	4.2	17
7	Performance analysis of coherent BPSK-OCDMA wireless communication system. Wireless Networks, 2020, 26, 4491-4505.	3.0	15
8	Multi-rate OCDMA system BER performance evaluations for different ML-code sequences. Optical and Quantum Electronics, 2019, 51, 1.	3.3	12
9	Empirical path loss models for low power wireless sensor nodes deployed on the ground in different terrains. , 2017, , .		11
10	Comparison of the Propagation Loss of a Real-Life Wireless Sensor Network and Its Complimentary Simulation Model. , 2015, , .		8
11	Fetal cardiotocography monitoring using Legendre neural networks. Biomedizinische Technik, 2019, 64, 669-675.	0.8	7
12	Engineering education in Shaqra University between theory and application. , 2016, , .		6
13	Loose Animal-Vehicle Accidents Mitigation: Vision and Challenges. , 2019, , .		6
14	The impact of sand propagation environment on the performance of wireless sensor networks. , 2018, , .		5
15	Path Loss Results for Wireless Sensor Network Deployment in a Long Grass Environment. , 2018, , .		5
16	BER performance of OCDMA system based on optimised 2D PhC passive encoder. IET Communications, 2020, 14, 1268-1274.	2.2	5
17	A System Engineering Approach in Orienting Traditional Engineering towards Modern Engineering. , 2019, , .		4
18	A Correlation Between Entry Pre-College and Preparatory Year Grades: A Case Study at Shaqra University. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	System Architecture based on IoT for Smart Campus Parking Lots. , 2019, , .		3
20	Performance Control of Incoherent Synchronous PPM-OCDMA Networks. , 2019, , .		3
21	Towards an artificial intelligence strategy for higher education in Saudi Arabia. , 2020, , .		3
22	Performance analysis of incoherent PPM-OCDMA networks based on optimised modified prime code for multimedia applications. IET Communications, 2020, 14, 4014-4021.	2.2	3
23	Adaptive LMS power series analytical solution for differential algebraic equations. , 2015, , .		0
24	Bridging the gaps in engineering curriculum through systems engineering approach. , 2020, , .		0