

Noori BniLam

List of Publications by Year in descending order

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papers

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23
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23
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173
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle Localization Using Doppler Shift and Time of Arrival Measurements in a Tunnel Environment. Sensors, 2022, 22, 847.	3.8	8
2	Angle of Arrival Estimation System for LoRa Technology based on Phase Detectors. , 2022, , .		5
3	AoA-Based Localization System Using a Single IoT Gateway: <i>An Application for Smart Pedestrian Crossing</i>. IEEE Access, 2021, 9, 13532-13541.	4.2	10
4	LoRay: AoA Estimation System for Long Range Communication Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2005-2018.	9.2	22
5	AoA Estimates for LPWAN Technologies: Indoor Experimental Analysis. , 2021, , .		3
6	Analytical model for arbitrarily configured neighboring shallow geothermal installations in the presence of groundwater flow. Geothermics, 2021, 93, 102063.	3.4	7
7	Analysis of short-to-long term heat flow in GSHP systems based on heat pump power. Applied Thermal Engineering, 2020, 173, 114561.	6.0	1
8	A spectral model for a moving cylindrical heat source in a conductive-convective domain. International Journal of Heat and Mass Transfer, 2020, 163, 120517.	4.8	9
9	RSS-based AoA Estimation System for IoT Applications using Rotman Lens. , 2020, , .		3
10	LoRa 2.4 GHz Communication Link and Range. Sensors, 2020, 20, 4366.	3.8	36
11	TDAoA: A combination of TDoA and AoA localization with LoRaWAN. Internet of Things (Netherlands), 2020, 11, 100236.	7.7	22
12	Parameter identification algorithm for ground source heat pump systems. Applied Energy, 2020, 264, 114712.	10.1	11
13	Combining TDoA and AoA with a particle filter in an outdoor LoRaWAN network. , 2020, , .		9
14	ANGLE: ANGular Location Estimation Algorithms. IEEE Access, 2020, 8, 14620-14629.	4.2	14
15	Simulating a Combination of TDoA and AoA Localization for LoRaWAN. Lecture Notes in Networks and Systems, 2020, , 756-765.	0.7	6
16	Synchronization of Multiple Independent Subarray Antennas: An Application for Angle of Arrival Estimation. IEEE Transactions on Antennas and Propagation, 2019, 67, 1223-1232.	5.1	22
17	A semi-analytical model for detailed 3D heat flow in shallow geothermal systems. International Journal of Heat and Mass Transfer, 2018, 123, 911-927.	4.8	11
18	2D angle of arrival estimations and bandwidth recognition for broadband signals. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	A spectral element model for nonhomogeneous heat flow in shallow geothermal systems. International Journal of Heat and Mass Transfer, 2017, 104, 703-717.	4.8	18
20	Adaptive probabilistic model using angle of arrival estimation for IoT indoor localization. , 2017, , .		18
21	Transient heat conduction in an infinite medium subjected to multiple cylindrical heat sources: An application to shallow geothermal systems. Renewable Energy, 2016, 97, 145-154.	8.9	16
22	A spectral model for heat transfer with friction heat gain in geothermal borehole heat exchangers. Applied Mathematical Modelling, 2016, 40, 7410-7421.	4.2	3