

Leire Azpilicueta

List of Publications by Year in descending order

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167
papers

2,222
citations

304368

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168
docs citations

168
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Survey on "Various Decoupling Mechanisms With Focus on Metamaterial and Metasurface Principles Applicable to SAR and MIMO Antenna Systems" IEEE Access, 2020, 8, 192965-193004.	2.6	244
2	A Comprehensive Survey of "Metamaterial Transmission-Line Based Antennas: Design, Challenges, and Applications" IEEE Access, 2020, 8, 144778-144808.	2.6	202
3	A Ray Launching-Neural Network Approach for Radio Wave Propagation Analysis in Complex Indoor Environments. IEEE Transactions on Antennas and Propagation, 2014, 62, 2777-2786.	3.1	99
4	An Easy to Deploy Street Light Control System Based on Wireless Communication and LED Technology. Sensors, 2013, 13, 6492-6523.	2.1	95
5	Metamaterial-Inspired Antenna Array for Application in Microwave Breast Imaging Systems for Tumor Detection. IEEE Access, 2020, 8, 174667-174678.	2.6	83
6	EVALUATION OF ELECTROMAGNETIC DOSIMETRY OF WIRELESS SYSTEMS IN COMPLEX INDOOR SCENARIOS WITH HUMAN BODY INTERACTION. Progress in Electromagnetics Research B, 2012, 43, 189-209.	0.7	54
7	Design and Experimental Validation of a LoRaWAN Fog Computing Based Architecture for IoT Enabled Smart Campus Applications. Sensors, 2019, 19, 3287.	2.1	51
8	Intelligent Vehicle Communication: Deterministic Propagation Prediction in Transportation Systems. IEEE Vehicular Technology Magazine, 2016, 11, 29-37.	2.8	48
9	Design, Implementation, and Empirical Validation of an IoT Smart Irrigation System for Fog Computing Applications Based on LoRa and LoRaWAN Sensor Nodes. Sensors, 2020, 20, 6865.	2.1	46
10	Optimized Wireless Channel Characterization in Large Complex Environments by Hybrid Ray Launching-Collaborative Filtering Approach. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 780-783.	2.4	43
11	Design and Implementation of Context Aware Applications With Wireless Sensor Network Support in Urban Train Transportation Environments. IEEE Sensors Journal, 2017, 17, 169-178.	2.4	39
12	Impedance Bandwidth Improvement of a Planar Antenna Based on Metamaterial-Inspired T-Matching Network. IEEE Access, 2021, 9, 67916-67927.	2.6	38
13	Impact of High Power Interference Sources in Planning and Deployment of Wireless Sensor Networks and Devices in the 2.4 GHz Frequency Band in Heterogeneous Environments. Sensors, 2012, 12, 15689-15708.	2.1	36
14	A Hybrid Ray Launching-Diffusion Equation Approach for Propagation Prediction in Complex Indoor Environments. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 214-217.	2.4	36
15	Performance Analysis of IEEE 802.15.4 Compliant Wireless Devices for Heterogeneous Indoor Home Automation Environments. International Journal of Antennas and Propagation, 2012, 2012, 1-14.	0.7	34
16	Aggregator to Electric Vehicle LoRaWAN Based Communication Analysis in Vehicle-to-Grid Systems in Smart Cities. IEEE Access, 2020, 8, 124688-124701.	2.6	33
17	Evaluation of Electromagnetic Interference and Exposure Assessment from s-Health Solutions Based on Wi-Fi Devices. BioMed Research International, 2015, 2015, 1-9.	0.9	30
18	Measurement and modeling of a UHF RFID system in a metallic closed vehicle. Microwave and Optical Technology Letters, 2012, 54, 2126-2130.	0.9	28

#	ARTICLE	IF	CITATIONS
19	Analysis and Description of HOLTIN Service Provision for AECG monitoring in Complex Indoor Environments. <i>Sensors</i> , 2013, 13, 4947-4960.	2.1	27
20	IVAN: Intelligent Van for the Distribution of Pharmaceutical Drugs. <i>Sensors</i> , 2012, 12, 6587-6609.	2.1	24
21	Characterization of Wireless Channel Impact on Wireless Sensor Network Performance in Public Transportation Buses. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015, 16, 3280-3293.	4.7	24
22	Design and Empirical Validation of a Bluetooth 5 Fog Computing Based Industrial CPS Architecture for Intelligent Industry 4.0 Shipyard Workshops. <i>IEEE Access</i> , 2020, 8, 45496-45511.	2.6	23
23	Estimation of Radiofrequency Power Leakage from Microwave Ovens for Dosimetric Assessment at Nonionizing Radiation Exposure Levels. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	22
24	Analysis of estimation of electromagnetic dosimetric values from non-ionizing radiofrequency fields in conventional road vehicle environments. <i>Electromagnetic Biology and Medicine</i> , 2015, 34, 19-28.	0.7	22
25	The effects of an Adaptive and Distributed Transmission Power Control on the performance of energy harvesting sensor networks. <i>Computer Networks</i> , 2018, 137, 69-82.	3.2	22
26	Spatial Characterization of Personal RF-EMF Exposure in Public Transportation Buses. <i>IEEE Access</i> , 2019, 7, 33038-33054.	2.6	22
27	From 2G to 5G Spatial Modeling of Personal RF-EMF Exposure Within Urban Public Trams. <i>IEEE Access</i> , 2020, 8, 100930-100947.	2.6	22
28	Analysis of low power wide area network wireless technologies in smart agriculture for large-scale farm monitoring and tractor communications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 187, 110231.	2.5	22
29	Estimation of Electromagnetic Dosimetric Values from Non-Ionizing Radiofrequency Fields in an Indoor Commercial Airplane Environment. <i>Electromagnetic Biology and Medicine</i> , 2014, 33, 252-263.	0.7	21
30	Analysis of ISO/IEEE 11073 built-in security and its potential IHE-based extensibility. <i>Journal of Biomedical Informatics</i> , 2016, 60, 270-285.	2.5	21
31	Design and Empirical Validation of a LoRaWAN IoT Smart Irrigation System. <i>Proceedings (mdpi)</i> , 2020, 42, .	0.2	21
32	Medium Access Control Protocols for Cognitive Radio Ad Hoc Networks: A Survey. <i>Sensors</i> , 2017, 17, 2136.	2.1	20
33	Design of a Wearable Device for ECG Continuous Monitoring Using Wireless Technology. , 2004, 2004, 3318-21.		19
34	ZigBee Radio Channel Analysis in a Complex Vehicular Environment [Wireless Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2014, 56, 232-245.	1.2	19
35	Spatial Characterization of Radio Propagation Channel in Urban Vehicle-to-Infrastructure Environments to Support WSNs Deployment. <i>Sensors</i> , 2017, 17, 1313.	2.1	19
36	Fifth-Generation (5G) mmWave Spatial Channel Characterization for Urban Environmentsâ€™ System Analysis. <i>Sensors</i> , 2020, 20, 5360.	2.1	19

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37	Analysis of Radio Wave Propagation for ISM 2.4 GHz Wireless Sensor Networks in Inhomogeneous Vegetation Environments. <i>Sensors</i> , 2014, 14, 23650-23672.	2.1	16
38	Implementation and Analysis of a Wireless Sensor Network-Based Pet Location Monitoring System for Domestic Scenarios. <i>Sensors</i> , 2016, 16, 1384.	2.1	16
39	An accurate UTD extension to a ray-launching algorithm for the analysis of complex indoor radio environments. <i>Journal of Electromagnetic Waves and Applications</i> , 2016, 30, 43-60.	1.0	16
40	A Radio Channel Model for D2D Communications Blocked by Single Trees in Forest Environments. <i>Sensors</i> , 2019, 19, 4606.	2.1	16
41	Comparative study of channel estimators for massive MIMO 5G NR systems. <i>IET Communications</i> , 2020, 14, 1175-1184.	1.5	16
42	Implementation of Context Aware e-Health Environments Based on Social Sensor Networks. <i>Sensors</i> , 2016, 16, 310.	2.1	15
43	Optimization and Design of Wireless Systems for the Implementation of Context Aware Scenarios in Railway Passenger Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 2838-2850.	4.7	15
44	Influence of meshing adaption in convergence performance of deterministic ray launching estimation in indoor scenarios. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 544-559.	1.0	15
45	Implementation and Operational Analysis of an Interactive Intensive Care Unit within a Smart Health Context. <i>Sensors</i> , 2018, 18, 389.	2.1	15
46	Hybrid Computational Techniques: Electromagnetic Propagation Analysis in Complex Indoor Environments. <i>IEEE Antennas and Propagation Magazine</i> , 2019, 61, 20-30.	1.2	15
47	Radio Wave Propagation and WSN Deployment in Complex Utility Tunnel Environments. <i>Sensors</i> , 2020, 20, 6710.	2.1	15
48	Building Decentralized Fog Computing-Based Smart Parking Systems: From Deterministic Propagation Modeling to Practical Deployment. <i>IEEE Access</i> , 2020, 8, 117666-117688.	2.6	15
49	Bandwidth and gain enhancement of composite right left handed metamaterial transmission line planar antenna employing a non foster impedance matching circuit board. <i>Scientific Reports</i> , 2021, 11, 7472.	1.6	15
50	Ubiquitous Connected Train Based on Train-to-Ground and Intra-Wagon Communications Capable of Providing on Trip Customized Digital Services for Passengers. <i>Sensors</i> , 2014, 14, 8003-8025.	2.1	14
51	Analysis of Wireless Sensor Network Topology and Estimation of Optimal Network Deployment by Deterministic Radio Channel Characterization. <i>Sensors</i> , 2015, 15, 3766-3788.	2.1	14
52	Comparative Study of Artificial Neural Network Based Channel Equalization Methods for mmWave Communications. <i>IEEE Access</i> , 2021, 9, 41678-41687.	2.6	14
53	Implementing context aware scenarios to enable smart health in complex urban environments. , 2014, , .		13
54	Design and performance analysis of wireless body area networks in complex indoor e-Health hospital environments for patient remote monitoring. <i>International Journal of Distributed Sensor Networks</i> , 2016, 12, 155014771666806.	1.3	12

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55	Characterization and consideration of topological impact of wireless propagation in a commercial aircraft environment [wireless corner]. IEEE Antennas and Propagation Magazine, 2013, 55, 240-258.	1.2	11
56	Spatial V2X Traffic Density Channel Characterization for Urban Environments. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2761-2774.	4.7	11
57	Performance Analysis of ZigBee Wireless Networks for AAL through Hybrid Ray Launching and Collaborative Filtering. Journal of Sensors, 2016, 2016, 1-16.	0.6	10
58	Evaluation of Deployment Challenges of Wireless Sensor Networks at Signalized Intersections. Sensors, 2016, 16, 1140.	2.1	10
59	Deterministic Propagation Modeling for Intelligent Vehicle Communication in Smart Cities. Sensors, 2018, 18, 2133.	2.1	10
60	Deterministic 3D Ray-Launching Millimeter Wave Channel Characterization for Vehicular Communications in Urban Environments. Sensors, 2020, 20, 5284.	2.1	10
61	Implementation of an Interactive Environment With Multilevel Wireless Links for Distributed Botanical Garden in University Campus. IEEE Access, 2020, 8, 132382-132396.	2.6	10
62	SesToCross: Semantic Expert System to Manage Single-Lane Road Crossing. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1221-1233.	4.7	9
63	Empirical and Modeling Approach for Environmental Indoor RF-EMF Assessment in Complex High-Node Density Scenarios: Public Shopping Malls Case Study. IEEE Access, 2021, 9, 46755-46775.	2.6	9
64	Optimum power transfer in RF front end systems using adaptive impedance matching technique. Scientific Reports, 2021, 11, 11825.	1.6	9
65	Deterministic and Empirical Approach for Millimeter-Wave Complex Outdoor Smart Parking Solution Deployments. Sensors, 2021, 21, 4112.	2.1	9
66	Bandpass filter-like antenna validation in an ultra-wideband indoor wireless channel. IET Communications, 2015, 9, 532-540.	1.5	8
67	Implementation and Analysis of ISM 2.4 GHz Wireless Sensor Network Systems in Judo Training Venues. Sensors, 2016, 16, 1247.	2.1	8
68	Implementation of Wireless Sensor Network Architecture for Interactive Shopping Carts to Enable Context-Aware Commercial Areas. IEEE Sensors Journal, 2016, 16, 5416-5425.	2.4	8
69	Challenges in Wireless System Integration as Enablers for Indoor Context Aware Environments. Sensors, 2017, 17, 1616.	2.1	8
70	Integration of Autonomous Wireless Sensor Networks in Academic School Gardens. Sensors, 2018, 18, 3621.	2.1	8
71	A 3-D Indoor Analysis of Path Loss Modeling Using Kriging Techniques. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1218-1222.	2.4	8
72	Lessons learned from the implementation of remote control for the interoperability standard ISO/IEEE11073-20601 in a standard weighing scale. Computer Methods and Programs in Biomedicine, 2016, 123, 81-93.	2.6	7

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73	Performance Evaluation and Interference Characterization of Wireless Sensor Networks for Complex High-Node Density Scenarios. <i>Sensors</i> , 2019, 19, 3516.	2.1	7
74	Analysis, Design and Practical Validation of an Augmented Reality Teaching System Based on Microsoft HoloLens 2 and Edge Computing. , 0, , .		7
75	Radio Characterization for ISM 2.4 GHz Wireless Sensor Networks for Judo Monitoring Applications. <i>Sensors</i> , 2014, 14, 24004-24028.	2.1	6
76	Dense wireless sensor network design for the implementation of Smart Health environments. , 2015, , .		6
77	Signal processing requirements for step detection using wrist-worn IMU. , 2015, , .		6
78	Hybrid-based optimization of wireless channel characterization for health services in medical complex environments. , 2015, , .		6
79	Wireless Characterization and Assessment of an UWB-Based System in Industrial Environments. <i>IEEE Access</i> , 2021, 9, 107824-107841.	2.6	6
80	Analysis of challenges in the application of deterministic wireless channel modelling in the implementation of WLAN-based indoor location system in large complex scenarios. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2014, 15, 171.	0.3	5
81	Low Cost Real Time Location System Based in Radio Frequency Identification for the Provision of Social and Safety Services. <i>Wireless Personal Communications</i> , 2015, 84, 2797-2814.	1.8	5
82	A 3D Ray Launching Time-Frequency Channel Modeling Approach for UWB Ranging Applications. <i>IEEE Access</i> , 2020, 8, 97321-97334.	2.6	5
83	Validation of 3D simulation tool for radio channel modeling at 60GHz: A meeting point for empirical and simulation-based models. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 163, 108038.	2.5	5
84	Basketball Player On-Body Biophysical and Environmental Parameter Monitoring Based on Wireless Sensor Network Integration. <i>IEEE Access</i> , 2021, 9, 27051-27066.	2.6	5
85	Propagation Models in Vehicular Communications. <i>IEEE Access</i> , 2021, 9, 15902-15913.	2.6	5
86	Tuning Selection Impact on Kriging-Aided In-Building Path Loss Modeling. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 84-88.	2.4	5
87	Enhanced Wireless Channel Estimation Through Parametric Optimization of Hybrid Ray Launching-Collaborative Filtering Technique. <i>IEEE Access</i> , 2020, 8, 83070-83080.	2.6	5
88	Characterization of UHF Radio Channels for Wireless Sensor Systems Embedded in Surfboards. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1526-1529.	2.4	4
89	Design and Experimental Validation of an Augmented Reality System With Wireless Integration for Context Aware Enhanced Show Experience in Auditoriums. <i>IEEE Access</i> , 2021, 9, 5466-5484.	2.6	4
90	Electromagnetic Characterization of UHF-RFID Fixed Reader in Healthcare Centers Related to the Personal and Labor Health. <i>IEEE Access</i> , 2022, 10, 28614-28630.	2.6	4

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91	Evaluation of the Brillouin precursor performance for ultra wide band intra-body technologies. Journal of Electromagnetic Waves and Applications, 2013, 27, 2213-2220.	1.0	3
92	Towards a Traceability System Based on RFID Technology to Check the Content of Pallets within Electronic Devices Supply Chain. International Journal of Antennas and Propagation, 2013, 2013, 1-9.	0.7	3
93	Analysis of topo-morphological influence of vineyards in the design of wireless sensor networks for smart viticultural management. International Journal of Sensor Networks, 2015, 19, 78.	0.2	3
94	Analysis of Bluetooth-Based Wireless Sensor Networks Performance in Hospital Environments. Proceedings (mdpi), 2016, 1, .	0.2	3
95	Integration of Wireless Sensor Networks in Intelligent Transportation Systems within Smart City Context. , 2018, , .		3
96	Millimeter Wave Spatial Channel Characterization for Vehicular Communications. Proceedings (mdpi), 2020, 42, 64.	0.2	3
97	Easily Deployable Streetlight Intelligent Control System Based on Wireless Communication. Lecture Notes in Computer Science, 2012, , 334-337.	1.0	3
98	Near Field Exposure Conditions by UHF-RFID Systems in Smart Healthcare Environments. , 2021, , .		3
99	Towards Environmental RF-EMF Assessment of mmWave High-Node Density Complex Heterogeneous Environments. Sensors, 2021, 21, 8419.	2.1	3
100	Lessons learned implementing the ISO/IEEE11073 standard into wearable personal devices. , 2010, , .		2
101	Estimation of wireless coverage in complex cave environments for speleology applications. , 2014, , .		2
102	Characterization of wireless channel response in in-vehicle environments. , 2014, , .		2
103	Event-driven, pattern-based methodology for cost-effective development of standardized personal health devices. Computer Methods and Programs in Biomedicine, 2014, 117, 168-178.	2.6	2
104	Influence of impairments due to dispersive propagation on the antenna design for body-based applications. Journal of Electromagnetic Waves and Applications, 2015, 29, 2355-2364.	1.0	2
105	Optimal parameter estimation for wireless signal analysis in context-aware scenarios: A brief study. , 2016, , .		2
106	Two-dimensional collaborative filtering approach to wireless channel characterization in medical complex scenarios. , 2016, , .		2
107	Characterization of Radio Propagation Channel in Urban Vehicle to Infrastructure Environments to Support WSNs. Proceedings (mdpi), 2017, 1, 19.	0.2	2
108	Analysis, Design and Empirical Validation of a Smart Campus Based on LoRaWAN. Proceedings (mdpi), 2019, 4, 7.	0.2	2

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109	Radio Channel Characterization in Dense Forest Environments for IoT-5G. Proceedings (mdpi), 2018, 4, .	0.2	2
110	IoT Enabled Low Cost Distributed Angle Measurement Fault Detection System for LFR Plants. IEEE Sensors Journal, 2021, 21, 24855-24868.	2.4	2
111	Deterministic Radio Channel Characterization for Near-Ground Wireless Sensor Networks Deployment Optimization in Smart Agriculture. , 2020, , .		2
112	Deterministic Wireless Channel Characterization towards the Integration of Communication Capabilities to Enable Context Aware Industrial Internet of Thing Environments. Mobile Networks and Applications, 2023, 28, 4-18.	2.2	2
113	Impact of material changes in electromagnetic dosimetry estimation of complex indoor scenarios. , 2012, , .		1
114	Impact of Wireless Sensor Networks in the advancement of Ambient Intelligence and Smart Cities. , 2013, , .		1
115	Analysis of efficient dense wireless sensor network deployment in Smart City environments. , 2014, , .		1
116	Review of specific absorption definition considering the evolution of the Brillouin precursors. , 2014, , .		1
117	Impact of wireless sensor network cluster architecture in wireless channel performance. , 2014, , .		1
118	Novel translinear differential implementation of rational functions with squared denominators. International Journal of Circuit Theory and Applications, 2014, 42, 1290-1305.	1.3	1
119	Dosimetric assessment of RadioFrequency power leakage from microwave ovens in complex scenarios. , 2015, , .		1
120	Radio channel characterization of Vehicle-to-Infrastructure communications at 60GHz. , 2015, , .		1
121	Analysis of Wireless Sensor Network performance in urban infrastructure to vehicle scenarios. , 2016, , .		1
122	Study on the impact of the body shadow effect in wireless channels through dosimetry measurements. , 2017, , .		1
123	Integration of Autonomous Wireless Sensor Networks in Academic School Gardens. Proceedings (mdpi), 2017, 2, .	0.2	1
124	3D ray launching simulation of urban vehicle to infrastructure radio propagation links. Congreso De Ciencia Y Tecnología ESPE, 2018, 13, .	0.1	1
125	Towards a Train-to-Ground and Intra-wagon Communications Solution Capable of Providing on Trip Customized Digital Services for Passengers. Lecture Notes in Computer Science, 2013, , 334-341.	1.0	1
126	Analysis of Personal RF-EMF radiation exposure within Public Transportation Buses. , 2020, , .		1

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127	Implementation of a WSN-Based IIoT Monitoring System within the Workshop of a Solar Protection Curtains Company. , 2020, 2, .		1
128	Analysis of topology and morphology influence in indoor millimeter wave wireless networks. , 2011, , .		0
129	Analysis of an UHF-RFID system in a metallic closed vehicle. , 2012, , .		0
130	Topological and morphological influence in the performance of MIMO techniques in complex indoor scenarios. , 2012, , .		0
131	Low Cost and Easy to Deploy Real Time Location System Based in Radio Frequency Identification. Lecture Notes in Computer Science, 2013, , 191-198.	1.0	0
132	Dosimetric assessment for non-ionizing ISM 2.4 GHz wireless systems in a commercial passenger aircraft. , 2014, , .		0
133	Assessment of electromagnetic dosimetric values from non-ionizing radiofrequency sources in a conventional road vehicle. , 2014, , .		0
134	Analysis of radiopropagation of wireless transceivers in surfboards. , 2014, , .		0
135	Radio channel characterization for bluetooth communication systems onboard commercial aircrafts. Microwave and Optical Technology Letters, 2014, 56, 2660-2664.	0.9	0
136	Channel characterization in indoor wireless sensor network deployment in commercial environment. , 2014, , .		0
137	Topological dependence in the performance of deterministic wireless channel estimation. , 2014, , .		0
138	Challenges in the implementation of context-aware scenarios within emergency rooms. , 2015, , .		0
139	Analysis of body effect in translinear topologies by means of the general translinear principle. International Journal of Circuit Theory and Applications, 2015, 43, 613-634.	1.3	0
140	Context aware scenarios in train transportation environments. , 2015, , .		0
141	Analysis of wireless sensor network performance embedded in motorcycle communication system. , 2015, , .		0
142	Exposure assessment from s-Health solutions based on WLAN/WBAN systems. , 2015, , .		0
143	Analysis of vehicular connectivity in smart health service provision scenarios. , 2016, , .		0
144	Hybrid equivalent source " 3D ray-launching simulation technique for deterministic estimation of radiated emissions of electrical appliances. Journal of Electromagnetic Waves and Applications, 2016, 30, 415-430.	1.0	0

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145	Characterisation of radio wave propagation in complex indoor environments with and accurate Ray Launching and UTD method. , 2016, , .		0
146	Assessment of ISM 2.4GHz wireless sensor networks performance in urban infrastructure scenarios. , 2017, , .		0
147	Characterisation of radio wave propagation in vehicular environments through deterministic methods. , 2017, , .		0
148	Deterministic Propagation Modeling for Intelligent Vehicle Communication in Smart Cities. Proceedings (mdpi), 2017, 2, .	0.2	0
149	Efficient Wireless Channel Characterization in Medicalised Vehicles for Smart Health. , 2018, , .		0
150	Wireless System Integration to Enable Smart Cities and Smart Regions. Proceedings (mdpi), 2018, 2, 109.	0.2	0
151	RF Channel Propagation Modeling for Wireless Sensor Networks in Intelligent Transportation Systems. , 2019, , .		0
152	Performance Evaluation and Interference Characterization of Wireless Sensor Networks for Complex High-Node Density Scenarios. Proceedings (mdpi), 2018, 4, .	0.2	0
153	Intra-Train Connectivity Analysis to Enable Context Aware Passenger Environments. , 2019, , .		0
154	Context Aware Intensive Care Unit Wireless System Analysis. , 2019, , .		0
155	Analysis of Phase Evolution Impact in SIMO Operation in Distributed Transceiver Systems. , 2020, , .		0
156	Wireless Channel Characterization and System Analysis of Complex Utility Tunnel Environments. Proceedings (mdpi), 2020, 42, 53.	0.2	0
157	Integration of Wireless Communication Capabilities to Enable Context Aware Industrial Internet of Thing Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 162-170.	0.2	0
158	Achieving the performance of the MMSE receiver with the maximum ratio combiner. IET Communications, 2021, 15, 2513.	1.5	0
159	Assessment of Statistical Distribution of Exposure to Electromagnetic Fields from Social Alarm Devices. IFMBE Proceedings, 2014, , 1159-1162.	0.2	0
160	Radio propagation analysis for ZigBee based indoor dog monitoring system. , 0, , .		0
161	Errealitate areagotuko sistema baten diseinu eta balioztatze esperimentalaren haririk gabeko integrazioarekin, auditoriumetan desgaitasuna pairatzen duten pertsonen esperientzia hobetzeko. , 0, , .		0
162	Characterization of Impairments in the Detection of RFID Tags for Smart Agriculture Applications. , 2020, , .		0

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163	Deterministic Propagation Approach for Millimeter Wave Outdoor Smart Parking Solution Deployment. , 2020, 2, .		0
164	Intra-train Wagon Wireless Channel Connectivity Analysis of Ultra Dense Node Deployments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 269-279.	0.2	0
165	Deterministic-Based 5G mmWave Propagation Characterization in Urban Environments. , 2021, , .		0
166	Analysis of MIMO Performance in Complex Indoor Scenarios at 3.7 GHz Band for Future 5G Deployments. , 2022, , .		0
167	Time and Frequency Analysis of Rough Surface Scattering in the THz Spectrum. , 2022, , .		0