

# Leire Azpilicueta

## List of Publications by Year in descending order

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167  
papers

2,222  
citations

304368

22  
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276539

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168  
docs citations

168  
times ranked

1796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic Wireless Channel Characterization towards the Integration of Communication Capabilities to Enable Context Aware Industrial Internet of Thing Environments. <i>Mobile Networks and Applications</i> , 2023, 28, 4-18.	2.2	2
2	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
3	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
4	A 3-D Indoor Analysis of Path Loss Modeling Using Kriging Techniques. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 1218-1222.	2.4	8
5	Intra-train Wagon Wireless Channel Connectivity Analysis of Ultra Dense Node Deployments. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022, , 269-279.	0.2	0
6	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
7	Analysis of MIMO Performance in Complex Indoor Scenarios at 3.7 GHz Band for Future 5G Deployments. , 2022, , .		0
8	Time and Frequency Analysis of Rough Surface Scattering in the THz Spectrum. , 2022, , .		0
9	Spatial V2X Traffic Density Channel Characterization for Urban Environments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 2761-2774.	4.7	11
10	Wireless Characterization and Assessment of an UWB-Based System in Industrial Environments. <i>IEEE Access</i> , 2021, 9, 107824-107841.	2.6	6
11	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
12	Impedance Bandwidth Improvement of a Planar Antenna Based on Metamaterial-Inspired T-Matching Network. <i>IEEE Access</i> , 2021, 9, 67916-67927.	2.6	38
13	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
14	Integration of Wireless Communication Capabilities to Enable Context Aware Industrial Internet of Thing Environments. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 162-170.	0.2	0
15	Empirical and Modeling Approach for Environmental Indoor RF-EMF Assessment in Complex High-Node Density Scenarios: Public Shopping Malls Case Study. <i>IEEE Access</i> , 2021, 9, 46755-46775.	2.6	9
16	Propagation Models in Vehicular Communications. <i>IEEE Access</i> , 2021, 9, 15902-15913.	2.6	5
17	Comparative Study of Artificial Neural Network Based Channel Equalization Methods for mmWave Communications. <i>IEEE Access</i> , 2021, 9, 41678-41687.	2.6	14
18	IoT Enabled Low Cost Distributed Angle Measurement Fault Detection System for LFR Plants. <i>IEEE Sensors Journal</i> , 2021, 21, 24855-24868.	2.4	2

#	ARTICLE	IF	CITATIONS
19	Bandwidth and gain enhancement of composite right left handed metamaterial transmission line planar antenna employing a non foster impedance matching circuit board. Scientific Reports, 2021, 11, 7472.	1.6	15
20	Optimum power transfer in RF front end systems using adaptive impedance matching technique. Scientific Reports, 2021, 11, 11825.	1.6	9
21	Deterministic and Empirical Approach for Millimeter-Wave Complex Outdoor Smart Parking Solution Deployments. Sensors, 2021, 21, 4112.	2.1	9
22	Near Field Exposure Conditions by UHF-RFID Systems in Smart Healthcare Environments. , 2021, , .		3
23	Achieving the performance of the MMSE receiver with the maximum ratio combiner. IET Communications, 2021, 15, 2513.	1.5	0
24	Towards Environmental RF-EMF Assessment of mmWave High-Node Density Complex Heterogeneous Environments. Sensors, 2021, 21, 8419.	2.1	3
25	Deterministic-Based 5G mmWave Propagation Characterization in Urban Environments. , 2021, , .		0
26	Deterministic 3D Ray-Launching Millimeter Wave Channel Characterization for Vehicular Communications in Urban Environments. Sensors, 2020, 20, 5284.	2.1	10
27	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
28	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
29	A Comprehensive Survey of "Metamaterial Transmission-Line Based Antennas: Design, Challenges, and Applications" IEEE Access, 2020, 8, 144778-144808.	2.6	202
30	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
31	Analysis of Phase Evolution Impact in SIMO Operation in Distributed Transceiver Systems. , 2020, , .		0
32	Radio Wave Propagation and WSN Deployment in Complex Utility Tunnel Environments. Sensors, 2020, 20, 6710.	2.1	15
33	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
34	Wireless Channel Characterization and System Analysis of Complex Utility Tunnel Environments. Proceedings (mdpi), 2020, 42, 53.	0.2	0
35	Millimeter Wave Spatial Channel Characterization for Vehicular Communications. Proceedings (mdpi), 2020, 42, 64.	0.2	3
36	Fifth-Generation (5G) mmWave Spatial Channel Characterization for Urban Environments"™ System Analysis. Sensors, 2020, 20, 5360.	2.1	19

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37	From 2G to 5G Spatial Modeling of Personal RF-EMF Exposure Within Urban Public Trams. IEEE Access, 2020, 8, 100930-100947.	2.6	22
38	A 3D Ray Launching Time-Frequency Channel Modeling Approach for UWB Ranging Applications. IEEE Access, 2020, 8, 97321-97334.	2.6	5
39	Design and Empirical Validation of a Bluetooth 5 Fog Computing Based Industrial CPS Architecture for Intelligent Industry 4.0 Shipyard Workshops. IEEE Access, 2020, 8, 45496-45511.	2.6	23
40	Validation of 3D simulation tool for radio channel modeling at 60GHz: A meeting point for empirical and simulation-based models. Measurement: Journal of the International Measurement Confederation, 2020, 163, 108038.	2.5	5
41	Building Decentralized Fog Computing-Based Smart Parking Systems: From Deterministic Propagation Modeling to Practical Deployment. IEEE Access, 2020, 8, 117666-117688.	2.6	15
42	Design and Empirical Validation of a LoRaWAN IoT Smart Irrigation System. Proceedings (mdpi), 2020, 42, .	0.2	21
43	Comparative study of channel estimators for massive MIMO 5G NR systems. IET Communications, 2020, 14, 1175-1184.	1.5	16
44	Metamaterial-Inspired Antenna Array for Application in Microwave Breast Imaging Systems for Tumor Detection. IEEE Access, 2020, 8, 174667-174678.	2.6	83
45	Enhanced Wireless Channel Estimation Through Parametric Optimization of Hybrid Ray Launching-Collaborative Filtering Technique. IEEE Access, 2020, 8, 83070-83080.	2.6	5
46	Deterministic Radio Channel Characterization for Near-Ground Wireless Sensor Networks Deployment Optimization in Smart Agriculture. , 2020, , .		2
47	Characterization of Impairments in the Detection of RFID Tags for Smart Agriculture Applications. , 2020, , .		0
48	Analysis of Personal RF-EMF radiation exposure within Public Transportation Buses. , 2020, , .		1
49	Implementation of a WSN-Based IIoT Monitoring System within the Workshop of a Solar Protection Curtains Company. , 2020, 2, .		1
50	Deterministic Propagation Approach for Millimeter Wave Outdoor Smart Parking Solution Deployment. , 2020, 2, .		0
51	Design and Experimental Validation of a LoRaWAN Fog Computing Based Architecture for IoT Enabled Smart Campus Applications. Sensors, 2019, 19, 3287.	2.1	51
52	Performance Evaluation and Interference Characterization of Wireless Sensor Networks for Complex High-Node Density Scenarios. Sensors, 2019, 19, 3516.	2.1	7
53	A Radio Channel Model for D2D Communications Blocked by Single Trees in Forest Environments. Sensors, 2019, 19, 4606.	2.1	16
54	RF Channel Propagation Modeling for Wireless Sensor Networks in Intelligent Transportation Systems. , 2019, , .		0

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55	Hybrid Computational Techniques: Electromagnetic Propagation Analysis in Complex Indoor Environments. IEEE Antennas and Propagation Magazine, 2019, 61, 20-30.	1.2	15
56	Analysis, Design and Empirical Validation of a Smart Campus Based on LoRaWAN. Proceedings (mdpi), 2019, 4, 7.	0.2	2
57	Spatial Characterization of Personal RF-EMF Exposure in Public Transportation Buses. IEEE Access, 2019, 7, 33038-33054.	2.6	22
58	Intra-Train Connectivity Analysis to Enable Context Aware Passenger Environments. , 2019, , .		0
59	Context Aware Intensive Care Unit Wireless System Analysis. , 2019, , .		0
60	The effects of an Adaptive and Distributed Transmission Power Control on the performance of energy harvesting sensor networks. Computer Networks, 2018, 137, 69-82.	3.2	22
61	Integration of Wireless Sensor Networks in Intelligent Transportation Systems within Smart City Context. , 2018, , .		3
62	Integration of Autonomous Wireless Sensor Networks in Academic School Gardens. Sensors, 2018, 18, 3621.	2.1	8
63	Efficient Wireless Channel Characterization in Medicalised Vehicles for Smart Health. , 2018, , .		0
64	Wireless System Integration to Enable Smart Cities and Smart Regions. Proceedings (mdpi), 2018, 2, 109.	0.2	0
65	Implementation and Operational Analysis of an Interactive Intensive Care Unit within a Smart Health Context. Sensors, 2018, 18, 389.	2.1	15
66	Deterministic Propagation Modeling for Intelligent Vehicle Communication in Smart Cities. Sensors, 2018, 18, 2133.	2.1	10
67	Performance Evaluation and Interference Characterization of Wireless Sensor Networks for Complex High-Node Density Scenarios. Proceedings (mdpi), 2018, 4, .	0.2	0
68	Radio Channel Characterization in Dense Forest Environments for IoT-5G. Proceedings (mdpi), 2018, 4, .	0.2	2
69	3D ray launching simulation of urban vehicle to infrastructure radio propagation links. Congreso De Ciencia Y Tecnología ESPE, 2018, 13, .	0.1	1
70	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
71	Optimization and Design of Wireless Systems for the Implementation of Context Aware Scenarios in Railway Passenger Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2838-2850.	4.7	15
72	Influence of meshing adaption in convergence performance of deterministic ray launching estimation in indoor scenarios. Journal of Electromagnetic Waves and Applications, 2017, 31, 544-559.	1.0	15

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73	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
74	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
75	SesToCross: Semantic Expert System to Manage Single-Lane Road Crossing. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1221-1233.	4.7	9
76	Study on the impact of the body shadow effect in wireless channels through dosimetry measurements. , 2017, , .		1
77	Spatial Characterization of Radio Propagation Channel in Urban Vehicle-to-Infrastructure Environments to Support WSNs Deployment. Sensors, 2017, 17, 1313.	2.1	19
78	Challenges in Wireless System Integration as Enablers for Indoor Context Aware Environments. Sensors, 2017, 17, 1616.	2.1	8
79	Medium Access Control Protocols for Cognitive Radio Ad Hoc Networks: A Survey. Sensors, 2017, 17, 2136.	2.1	20
80	Characterization of Radio Propagation Channel in Urban Vehicle to Infrastructure Environments to Support WSNs. Proceedings (mdpi), 2017, 1, 19.	0.2	2
81	Assessment of ISM 2.4GHz wireless sensor networks performance in urban infrastructure scenarios. , 2017, , .		0
82	Characterisation of radio wave propagation in vehicular environments through deterministic methods. , 2017, , .		0
83	Deterministic Propagation Modeling for Intelligent Vehicle Communication in Smart Cities. Proceedings (mdpi), 2017, 2, .	0.2	0
84	Integration of Autonomous Wireless Sensor Networks in Academic School Gardens. Proceedings (mdpi), 2017, 2, .	0.2	1
85	Implementation and Analysis of ISM 2.4 GHz Wireless Sensor Network Systems in Judo Training Venues. Sensors, 2016, 16, 1247.	2.1	8
86	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
87	Implementation of Context Aware e-Health Environments Based on Social Sensor Networks. Sensors, 2016, 16, 310.	2.1	15
88	Evaluation of Deployment Challenges of Wireless Sensor Networks at Signalized Intersections. Sensors, 2016, 16, 1140.	2.1	10
89	Implementation and Analysis of a Wireless Sensor Network-Based Pet Location Monitoring System for Domestic Scenarios. Sensors, 2016, 16, 1384.	2.1	16
90	Optimal parameter estimation for wireless signal analysis in context-aware scenarios: A brief study. , 2016, , .		2

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91	Analysis of vehicular connectivity in smart health service provision scenarios. , 2016, , .		0
92	Analysis of ISO/IEEE 11073 built-in security and its potential IHE-based extensibility. Journal of Biomedical Informatics, 2016, 60, 270-285.	2.5	21
93	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
94	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
95	An accurate UTD extension to a ray-launching algorithm for the analysis of complex indoor radio environments. Journal of Electromagnetic Waves and Applications, 2016, 30, 43-60.	1.0	16
96	Two-dimensional collaborative filtering approach to wireless channel characterization in medical complex scenarios. , 2016, , .		2
97	Characterisation of radio wave propagation in complex indoor environments with and accurate Ray Launching and UTD method. , 2016, , .		0
98	Intelligent Vehicle Communication: Deterministic Propagation Prediction in Transportation Systems. IEEE Vehicular Technology Magazine, 2016, 11, 29-37.	2.8	48
99	Analysis of Wireless Sensor Network performance in urban infrastructure to vehicle scenarios. , 2016, , .		1
100	Design and performance analysis of wireless body area networks in complex indoor e-Health hospital environments for patient remote monitoring. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666806.	1.3	12
101	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
102	Analysis of Bluetooth-Based Wireless Sensor Networks Performance in Hospital Environments. Proceedings (mdpi), 2016, 1, .	0.2	3
103	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
104	Challenges in the implementation of context-aware scenarios within emergency rooms. , 2015, , .		0
105	Dense wireless sensor network design for the implementation of Smart Health environments. , 2015, , .		6
106	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
107	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
108	Estimation of Radiofrequency Power Leakage from Microwave Ovens for Dosimetric Assessment at Nonionizing Radiation Exposure Levels. BioMed Research International, 2015, 2015, 1-14.	0.9	22

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109	Bandpass filterlike antenna validation in an ultra-wideband indoor wireless channel. IET Communications, 2015, 9, 532-540.	1.5	8
110	Context aware scenarios in train transportation environments. , 2015, , .		0
111	Signal processing requirements for step detection using wrist-worn IMU. , 2015, , .		6
112	Analysis of wireless sensor network performance embedded in motorcycle communication system. , 2015, , .		0
113	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
114	Hybrid-based optimization of wireless channel characterization for health services in medical complex environments. , 2015, , .		6
115	Dosimetric assessment of RadioFrequency power leakage from microwave ovens in complex scenarios. , 2015, , .		1
116	Exposure assessment from s-Health solutions based on WLAN/WBAN systems. , 2015, , .		0
117	Low Cost Real Time Location System Based in Radio Frequency Identification for the Provision of Social and Safety Services. Wireless Personal Communications, 2015, 84, 2797-2814.	1.8	5
118	Characterization of UHF Radio Channels for Wireless Sensor Systems Embedded in Surfboards. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1526-1529.	2.4	4
119	Analysis of Wireless Sensor Network Topology and Estimation of Optimal Network Deployment by Deterministic Radio Channel Characterization. Sensors, 2015, 15, 3766-3788.	2.1	14
120	Analysis of estimation of electromagnetic dosimetric values from non-ionizing radiofrequency fields in conventional road vehicle environments. Electromagnetic Biology and Medicine, 2015, 34, 19-28.	0.7	22
121	Radio channel characterization of Vehicle-to-Infrastructure communications at 60GHz. , 2015, , .		1
122	Characterization of Wireless Channel Impact on Wireless Sensor Network Performance in Public Transportation Buses. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3280-3293.	4.7	24
123	Dosimetric assessment for non-ionizing ISM 2.4 GHz wireless systems in a commercial passenger aircraft. , 2014, , .		0
124	Estimation of wireless coverage in complex cave environments for speleology applications. , 2014, , .		2
125	Radio Characterization for ISM 2.4 GHz Wireless Sensor Networks for Judo Monitoring Applications. Sensors, 2014, 14, 24004-24028.	2.1	6
126	Estimation of Electromagnetic Dosimetric Values from Non-Ionizing Radiofrequency Fields in an Indoor Commercial Airplane Environment. Electromagnetic Biology and Medicine, 2014, 33, 252-263.	0.7	21



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127	Analysis of efficient dense wireless sensor network deployment in Smart City environments. , 2014, , .		1
128	Analysis of Radio Wave Propagation for ISM 2.4 GHz Wireless Sensor Networks in Inhomogeneous Vegetation Environments. Sensors, 2014, 14, 23650-23672.	2.1	16
129	Ubiquitous Connected Train Based on Train-to-Ground and Intra-Wagon Communications Capable of Providing on Trip Customized Digital Services for Passengers. Sensors, 2014, 14, 8003-8025.	2.1	14
130	Assessment of electromagnetic dosimetric values from non-ionizing radiofrequency sources in a conventional road vehicle. , 2014, , .		0
131	Analysis of radiopropagation of wireless transceivers in surfboards. , 2014, , .		0
132	Characterization of wireless channel response in in-vehicle environments. , 2014, , .		2
133	Review of specific absorption definition considering the evolution of the Brillouin precursors. , 2014, , .		1
134	Radio channel characterization for bluetooth communication systems onboard commercial aircrafts. Microwave and Optical Technology Letters, 2014, 56, 2660-2664.	0.9	0
135	ZigBee Radio Channel Analysis in a Complex Vehicular Environment [Wireless Corner]. IEEE Antennas and Propagation Magazine, 2014, 56, 232-245.	1.2	19
136	Implementing context aware scenarios to enable smart health in complex urban environments. , 2014, , .		13
137	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
138	Impact of wireless sensor network cluster architecture in wireless channel performance. , 2014, , .		1
139	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
140	Analysis of challenges in the application of deterministic wireless channel modelling in the implementation of WLAN-based indoor location system in large complex scenarios. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 15, 171.	0.3	5
141	Channel characterization in indoor wireless sensor network deployment in commercial environment. , 2014, , .		0
142	Novel translinear differential implementation of rational functions with squared denominators. International Journal of Circuit Theory and Applications, 2014, 42, 1290-1305.	1.3	1
143	Topological dependence in the performance of deterministic wireless channel estimation. , 2014, , .		0
144	Assessment of Statistical Distribution of Exposure to Electromagnetic Fields from Social Alarm Devices. IFMBE Proceedings, 2014, , 1159-1162.	0.2	0

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145	An Easy to Deploy Street Light Control System Based on Wireless Communication and LED Technology. Sensors, 2013, 13, 6492-6523.	2.1	95
146	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
147	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
148	Impact of Wireless Sensor Networks in the advancement of Ambient Intelligence and Smart Cities. , 2013, , .		1
149	Analysis and Description of HOLTIN Service Provision for AECG monitoring in Complex Indoor Environments. Sensors, 2013, 13, 4947-4960.	2.1	27
150	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
151	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
152	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
153	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
154	IVAN: Intelligent Van for the Distribution of Pharmaceutical Drugs. Sensors, 2012, 12, 6587-6609.	2.1	24
155	Analysis of an UHF-RFID system in a metallic closed vehicle. , 2012, , .		0
156	Topological and morphological influence in the performance of MIMO techniques in complex indoor scenarios. , 2012, , .		0
157	Impact of material changes in electromagnetic dosimetry estimation of complex indoor scenarios. , 2012, , .		1
158	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
159	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
160	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
161	Easily Deployable Streetlight Intelligent Control System Based on Wireless Communication. Lecture Notes in Computer Science, 2012, , 334-337.	1.0	3
162	Analysis of topology and morphology influence in indoor millimeter wave wireless networks. , 2011, , .		0

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163	Lessons learned implementing the ISO/IEEE11073 standard into wearable personal devices. , 2010, , .		2
164	Design of a Wearable Device for ECG Continuous Monitoring Using Wireless Technology. , 2004, 2004, 3318-21.		19
165	Analysis, Design and Practical Validation of an Augmented Reality Teaching System Based on Microsoft HoloLens 2 and Edge Computing. , 0, , .		7
166	<strong>Radio propagation analysis for ZigBee based indoor dog monitoring system</strong>. , 0, , .		0
167	Errealitate areagotuko sistema baten diseinu eta balioztatze esperimentalaren haririk gabeko integrazioarekin, auditoriumetan desgaitasuna pairatzen duten pertsonen esperientzia hobetzeko. , 0, , .		0