

Yafei Hou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8014/publications.pdf>

Version: 2024-02-01

36
papers

190
citations

1163117

8
h-index

1281871

11
g-index

37
all docs

37
docs citations

37
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity Evaluation of MIMO Channel With One Leaky Coaxial Cable Used as Two Antennas Over Linear-Cell Environments. IEEE Transactions on Vehicular Technology, 2017, 66, 4636-4646.	6.3	25
2	A Low-Complexity Hardware Implementation of Compressed Sensing-Based Channel Estimation for ISDB-T System. IEEE Transactions on Broadcasting, 2017, 63, 92-102.	3.2	14
3	2 by 2 MIMO system using single leaky coaxial cable for linear-cells. , 2014, , .		13
4	Low-Complexity Channel Estimation and Detection for MIMO-OFDM Receiver With ESPAR Antenna. IEEE Transactions on Vehicular Technology, 2016, 65, 8297-8308.	6.3	13
5	Performance comparison for 2 by 2 MIMO system using single leaky coaxial cable over WLAN frequency band. , 2014, , .		12
6	Capacity of 4-by-4 MIMO Channel Using One Composite Leaky Coaxial Cable With User Position Information. IEEE Transactions on Vehicular Technology, 2019, 68, 11042-11051.	6.3	12
7	4-by-4 MIMO channel using two leaky coaxial cables (LCXs) for wireless applications over linear-cell. , 2014, , .		9
8	Low-Complexity Compressed Sensing-Based Channel Estimation With Virtual Oversampling for Digital Terrestrial Television Broadcasting. IEEE Transactions on Broadcasting, 2017, 63, 82-91.	3.2	9
9	Two-Dimensional RSSI-Based Indoor Localization Using Multiple Leaky Coaxial Cables With a Probabilistic Neural Network. IEEE Access, 2022, 10, 21109-21119.	4.2	9
10	Configuration of MIMO system using single leaky coaxial cable for linear cell environments. IEICE Communications Express, 2015, 4, 143-148.	0.4	8
11	A study for 2-D indoor localization using multiple leaky coaxial cables. APSIPA Transactions on Signal and Information Processing, 2020, 9, .	3.3	8
12	An experimental evaluation of 2 × 2 MIMO system using closely-spaced leaky coaxial cables. , 2014, , .		7
13	Realization of 4-by-4 MIMO channel using one composite leaky coaxial cable. , 2015, , .		7
14	Capacity Loss From Localization Error in MIMO Channel Using Leaky Coaxial Cable. IEEE Access, 2021, 9, 15929-15938.	4.2	7
15	Switchable SP Dual-Wavelength Mode-Locked TDFL Incorporating a PM-FBG and SESAM. IEEE Photonics Technology Letters, 2017, 29, 551-554.	2.5	6
16	Stability wavelength-spacing-tunable single-longitudinal-mode dual-wavelength erbium-doped fiber laser based on nonlinear amplifying loop mirror. Optical and Quantum Electronics, 2017, 49, 1.	3.3	6
17	A Broadband Switchable Metamaterial Absorber/Reflector Based On Multi-Laps Graphene Sheets in the Terahertz Band. IEEE Photonics Journal, 2021, 13, 1-8.	2.0	5
18	Low-Complexity Implementation of Channel Estimation for ESPAR-OFDM Receiver. IEEE Transactions on Broadcasting, 2021, 67, 238-252.	3.2	3

#	ARTICLE	IF	CITATIONS
19	[Paper] ISDB-T Diversity Receiver using a 4-element ESPAR Antenna with Periodically Alternating Directivity. <i>ITE Transactions on Media Technology and Applications</i> , 2015, 3, 268-278.	0.5	3
20	Indoor Simultaneous TOA Estimation of Multiple Users Using Leaky Coaxial Cable. , 2022, , .		3
21	Fast and low-complexity orthogonal matching pursuit based channel estimation in ISDB-T receiver with 3-element ESPAR antenna. , 2016, , .		2
22	Modeling and Predictability Analysis on Channel Spectrum Status Over Heavy Wireless LAN Traffic Environment. <i>IEEE Access</i> , 2021, 9, 85795-85812.	4.2	2
23	A Proposal of Spatial Modulation Using On/Off the Slots of Leaky Coaxial Cable. , 2022, , .		2
24	Effective VLSI architecture for Compressed Sensing based channel estimation in ISDB-T system. , 2015, , .		1
25	Improved compressed sensing based channel estimation for terrestrial DTV using auxiliary pilot channel. , 2015, , .		1
26	A study of capacity of 4-by-4 MIMO channel using leaky coaxial cables for linear-cells. , 2015, , .		1
27	Matrix Factorization-Based RSS Interpolation for Radio Environment Prediction. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1464-1468.	5.0	1
28	Two Dimensional Indoor Localization with Multiple Leaky Coaxial Cables. , 2020, , .		1
29	Orthogonal parallel combinatory amplitude shift keying modulated multicarrier system. , 2016, , .		0
30	Diversity gain analysis of SFN-STBC digital terrestrial TV system using dual polarized MIMO antenna. , 2016, , .		0
31	A proposal of half-symbol parallel combinatory multicarrier modulation for One-Seg service of ISDB-T system. , 2016, , .		0
32	Partial Perturbation to Alleviate the Performance Degradation of Vector Perturbation With Inaccurate Power Scaling Factors. <i>IEEE Transactions on Broadcasting</i> , 2021, 67, 324-336.	3.2	0
33	Quality-Based Channel Allocation Scheme with Predistortion in Multi-Channel Radio over Fiber System. <i>IEICE Transactions on Electronics</i> , 2016, E99.C, 563-573.	0.6	0
34	An SMLB-based OFDM receiver over impulsive noise environment. <i>APSIPA Transactions on Signal and Information Processing</i> , 2020, 9, .	3.3	0
35	RSSI-Based Indoor Localization Using Leaky Coaxial Cable with a PNN Approach. , 2021, , .		0
36	Prediction Evaluation for RSSI Data Generated from Leaky Coaxial Cables over Indoor Environment. , 2022, , .		0