

# Jari P Holopainen

## List of Publications by Year in descending order

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papers

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citations

840119

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all docs

30  
docs citations

30  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency Reconfigurable Multiband Handset Antenna Based on a Multichannel Transceiver. IEEE Transactions on Antennas and Propagation, 2017, 65, 4452-4460.	3.1	43
2	Concept for Frequency-Reconfigurable Antenna Based on Distributed Transceivers. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 764-767.	2.4	42
3	Optimal Dual-Antenna Design in a Small Terminal Multiantenna System. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1700-1703.	2.4	39
4	Design Strategy for 4G Handset Antennas and a Multiband Hybrid Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 1918-1927.	3.1	37
5	Broadband Equivalent Circuit Model for Capacitive Coupling Element-Based Mobile Terminal Antenna. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 716-719.	2.4	36
6	MULTIBAND FREQUENCY RECONFIGURABLE 4G HANDSET ANTENNA WITH MIMO CAPABILITY. Progress in Electromagnetics Research, 2014, 148, 233-243.	1.6	29
7	Internal Broadband Antennas for Digital Television Receiver in Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2010, 58, 3363-3374.	3.1	26
8	Effect of the User's Hands on the Operation of Lower UHF-Band Mobile Terminal Antennas: Focus on Digital Television Receiver. IEEE Transactions on Electromagnetic Compatibility, 2011, 53, 831-841.	1.4	25
9	Tunable eight-element MIMO antenna based on the antenna cluster concept. IET Microwaves, Antennas and Propagation, 2019, 13, 959-965.	0.7	18
10	Near-Field Control of Handset Antennas Based on Inverted-Top Wavetraps: Focus on Hearing-Aid Compatibility. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 592-595.	2.4	16
11	Antennas for Digital Television Receivers in Mobile Terminals. Proceedings of the IEEE, 2012, 100, 2341-2348.	16.4	12
12	Coupling Element-Based Dual-Antenna Structures for Mobile Terminal with Hand Effects. International Journal of Wireless Information Networks, 2011, 18, 146-157.	1.8	11
13	A study of 5G antennas in a mobile terminal. , 2017, , .		11
14	Mobile terminal antennas implemented by using direct coupling. , 2006, , .		9
15	Ambient Backscattering Transponder With Independently Switchable Rx and Tx Antennas. , 2019, 3, 1-4.		8
16	Orthogonality Properties of Characteristic Modes for Lossy Structures. IEEE Transactions on Antennas and Propagation, 2022, 70, 5597-5605.	3.1	8
17	Further investigations on the behavior of a frequency reconfigurable antenna cluster. , 2017, , .		5
18	Broadband Transponder Based on Frequency-Reconfigurable Cluster Antenna and Phased Modulators. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 238-242.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Dual-Polarized 2.4 GHz Antenna Array With Inverted BoR Elements and Integrated PCB Feed. IEEE Open Journal of Antennas and Propagation, 2022, 3, 229-237.	2.5	5
20	Beam-Steerable Transponder Based on Antenna Array and Phased Modulators. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 356-360.	2.4	4
21	Extension to Characterization Model for GPS Antenna Performance in Mobile Terminals. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1212-1215.	2.4	3
22	Double loop matching technique for robust UHF RFID tag antennas. , 2014, , .		2
23	Capacitive-Sensor-Induced Losses in 900-, 1800-, and 1900-MHz Antennas. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 330-333.	2.4	1
24	Suitable multiantenna placement in mobile handsets based on electromagnetic isolation. , 2016, , .		1
25	Development trends of small antennas for mobile terminals. , 2007, , .		0
26	Recent advances in coupling-based antenna structures for mobile terminals. , 2009, , .		0
27	Dual-resonant PIFA for body area networks. , 2015, , .		0
28	Teaching experiment in Aalto University: Progressive inquiry, reverse engineering, and company collaboration in a hands-on antenna course. , 2016, , .		0
29	Study on non-linear effects of two coupled UHF-band RFID tags. , 2017, , .		0
30	Concept of Beam Steerable Transponder based on Load Modulation. , 2020, , .		0