

Zhipeng Wu

List of Publications by Year in descending order

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19
papers

366
citations

1163117

8
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	A Data-Oriented M2M Messaging Mechanism for Industrial IoT Applications. IEEE Internet of Things Journal, 2017, 4, 236-246.	8.7	86
2	Broadband Bowtie Dielectric Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2010, 58, 3707-3710.	5.1	72
3	Microwave Tomography for Industrial Process Imaging: Example Applications and Experimental Results. IEEE Antennas and Propagation Magazine, 2017, 59, 61-71.	1.4	57
4	IoT-Based Techniques for Online M2M-Interactive Itemized Data Registration and Offline Information Traceability in a Digital Manufacturing System. IEEE Transactions on Industrial Informatics, 2017, 13, 2397-2405.	11.3	29
5	Microwave sensor technologies for food evaluation and analysis: Methods, challenges and solutions. Transactions of the Institute of Measurement and Control, 2018, 40, 3433-3448.	1.7	28
6	RFID-Based Object-Centric Data Management Framework for Smart Manufacturing Applications. IEEE Internet of Things Journal, 2019, 6, 2706-2716.	8.7	21
7	A Collaboration-Oriented M2M Messaging Mechanism for the Collaborative Automation between Machines in Future Industrial Networks. Sensors, 2017, 17, 2694.	3.8	18
8	Radio Frequency Identification and Sensing: Integration of Wireless Powering, Sensing, and Communication for IIoT Innovations. IEEE Communications Magazine, 2021, 59, 38-44.	6.1	16
9	Monitoring of high-moisture content particle drying in a fluidized bed by microwave and capacitance tomographic sensors. Drying Technology, 0, , 1-15.	3.1	8
10	Gas/oil/water flow measurement by electrical capacitance tomography. , 2012, , .		6
11	Microstrip-Coupled Rectangular Dielectric Resonator Antennas on Different Substrates. , 2007, , .		5
12	Architecting Ubiquitous Communication and Collaborative-Automation-Based Machine Network Systems for Flexible Manufacturing. IEEE Systems Journal, 2020, 14, 113-123.	4.6	5
13	Modelling of a Slot Loop Antenna on Magnetic Material Substrate. , 2007, , .		4
14	Inexact Newton backtracking method for solving microwave tomography inverse problem. , 2015, , .		4
15	Model-based image reconstruction algorithm for measurement of multiphase distributions. , 2010, , .		3
16	A Loop Antenna Array With an Enlarged Near-Field Interrogation Zone for UHF RFID Near-Field and Far-Field Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1985-1989.	4.0	3
17	Microstrip-strip feed transparent ceramic rectangular dielectric resonator antenna. , 2013, , .		1
18	Use of extended ground plane to improve the performance of a slot-loop antenna with narrow outer conductor. Microwave and Optical Technology Letters, 2006, 48, 1088-1092.	1.4	0

#	ARTICLE	IF	CITATIONS
19	A novel four-stages double-layered dielectric waveguide bandpass filter in LTCC. Microwave and Optical Technology Letters, 2007, 49, 1837-1840.	1.4	0