Guochun Wan

List of Publications by Year
in descending order

16 papers	84 citations	1478505 6 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	59 citing authors

#	Article	IF	Citations
1	A Passive and Wireless Sensor Based on RFID Antenna for Detecting Mechanical Deformation. IEEE Open Journal of Antennas and Propagation, 2020, 1, 426-434.	3.7	18
2	Patch-Antenna-Based Structural Strain Measurement Using Optimized Energy Detection Algorithm Applied on USRP. IEEE Internet of Things Journal, 2021, 8, 7476-7484.	8.7	13
3	Separating strain sensor based on dual-resonant circular patch antenna with chipless RFID tag. Smart Materials and Structures, 2021, 30, 015007.	3.5	11
4	An angle sensor based on a sector ring patch antenna for bolt loosening detection. Smart Materials and Structures, 2022, 31, 045009.	3.5	10
5	A Novel Detection Method Based on Maximum-Likelihood Estimation Decoding of a 6-Bit Chipless Radio Frequency Identification Coded Tag. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	6
6	A Novel Information Fusion Method of RFID Strain Sensor Based on Microstrip Notch Circuit. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	6
7	Simulation modeling and interface parameter design of the semiâ€physical braking intelligent test system. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2602.	1.9	4
8	An off-center fed patch antenna with overlapping sub-patch for simultaneous crack and temperature sensing. Smart Materials and Structures, 2022, 31, 095036.	3.5	4
9	Multi-sensor Data Mining of Single Train Braking System Based on Long Short-term Memory Network. , 2019, , .		3
10	Multi-sensor Data Mining of Long-grouped Train Braking System Based on an LSTM Network. , 2019, , .		2
11	Intelligent Control of Freight Train Braking System Based on Hardware-in-the-Loop Simulation Platform. , 2019, , .		2
12	A Hybrid Temporal Data Mining Method for Intelligent Train Braking Systems. IEEE Access, 2022, 10, 28739-28749.	4.2	2
13	A Wireless Propagation Model Based on Artificial Intelligence Technology. , 2020, , .		1
14	A Novel Wireless Propagation Model Based on Bi-LSTM Algorithm. IEEE Access, 2022, 10, 43837-43847.	4.2	1
15	Research on Efficient RGB LEDs Color Parameter Error Prediction and Its High Accurate Calibration Method. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	1
16	Reply to Comments on â€œA Passive and Wireless Sensor Based on RFID Antenna for Detecting Mechanical Deformationâ€• IEEE Open Journal of Antennas and Propagation, 2021, 2, 871-871.	3.7	0