Chao Tan

List of Publications by Year
in descending order

17 papers	**91** citations	1684188 **5** h-index	1588992 **8** g-index
17 all docs	**17** docs citations	**17** times ranked	**56** citing authors

#	Article	IF	Citations
1	Rolling Bearing Fault Diagnosis in Limited Data Scenarios Using Feature Enhanced Generative Adversarial Networks. IEEE Sensors Journal, 2022, 22, 8749-8759.	4.7	15
2	Nonlinear Compensation Method Based on Data for Increasing Absolute Measurement Precision of FID Signal. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	11
3	A frequency measurement method using rising-falling edge of square wave for increasing proton magnetometer precision. IEEE Instrumentation and Measurement Magazine, 2020, 23, 41-50.	1.6	4
4	Research on Partial Discharge De-Noising for Transformer Based on Synchro-Squeezed Continuous Wavelet Transform. Fluctuation and Noise Letters, 2020, 19, 2050021.	1.5	1
5	A Linearized Model of FID Signal for Increasing Proton Magnetometer Precision. Measurement Science Review, 2020, 20, 115-125.	1.0	3
6	New Magnetic Circuit Structure of Hall Current Sensor for Reducing Conductor Position Error. Sensors and Materials, 2020, 32, 2891.	0.5	0
7	Fault Identification and Reclosing Technology for DG Access to Distribution Network. , 2019, , .		1
8	A frequency measurement method based on optimal multi-average for increasing proton magnetometer measurement precision. Measurement: Journal of the International Measurement Confederation, 2019, 135, 418-423.	5.0	29
9	Frequency measurement approach based on linear model for increasing low SNR sinusoidal signal frequency measurement precision. IET Science, Measurement and Technology, 2019, 13, 1268-1276.	1.6	8
10	Non‐isolated high step‐up DC/DC converter based on a high degrees of freedom voltage gain cell. IET Power Electronics, 2017, 10, 2023-2033.	2.1	15
11	Multi-Touch Wireless Monitoring System Based on Android. Applied Mechanics and Materials, 2013, 475-476, 214-218.	0.2	0
12	Designation of Monitoring System with Multi-Touch Based on Configuration Software and Windows Presentation Foundation. Advanced Materials Research, 2013, 756-759, 218-222.	0.3	0
13	The study of Proton magnetometer sensor fast tuning algorithm based on FFT. , 2011, , .		2
14	Research of weak signal conditioning measurement method. , 2010, , .		1
15	Signal Characteristic Study and Amplifier Design of Magnetic Senor Based on Proton Zeeman Effect. Applied Mechanics and Materials, 0, 643, 190-195.	0.2	0
16	CS Optical Pumping Magnetic Sensor Spectrum Lamp Drive Circuit Design Based on PI Feedback Controller. Applied Mechanics and Materials, 0, 568-570, 473-477.	0.2	1
17	A multi-subpopulation bat optimization algorithm for economic dispatch problem with non-essential demand response. Kybernetika, 0, , 809-830.	0.0	0