

# Chao Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6659137/publications.pdf>

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17  
papers

91  
citations

1684188  
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1588992  
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17  
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docs citations

17  
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56  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Rolling Bearing Fault Diagnosis in Limited Data Scenarios Using Feature Enhanced Generative Adversarial Networks. IEEE Sensors Journal, 2022, 22, 8749-8759.	4.7	15
4	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
5	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
6	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
7	A Linearized Model of FID Signal for Increasing Proton Magnetometer Precision. Measurement Science Review, 2020, 20, 115-125.	1.0	3
8	The study of Proton magnetometer sensor fast tuning algorithm based on FFT. , 2011, , .		2
9	Research of weak signal conditioning measurement method. , 2010, , .		1
10	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
11	Fault Identification and Reclosing Technology for DG Access to Distribution Network. , 2019, , .		1
12	Research on Partial Discharge De-Noiseing for Transformer Based on Synchro-Squeezed Continuous Wavelet Transform. Fluctuation and Noise Letters, 2020, 19, 2050021.	1.5	1
13	Multi-Touch Wireless Monitoring System Based on Android. Applied Mechanics and Materials, 2013, 475-476, 214-218.	0.2	0
14	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
15	Signal Characteristic Study and Amplifier Design of Magnetic Sensor Based on Proton Zeeman Effect. Applied Mechanics and Materials, 0, 643, 190-195.	0.2	0
16	A multi-subpopulation bat optimization algorithm for economic dispatch problem with non-essential demand response. Kybernetika, 0, , 809-830.	0.0	0
17	New Magnetic Circuit Structure of Hall Current Sensor for Reducing Conductor Position Error. Sensors and Materials, 2020, 32, 2891.	0.5	0