Shaochun Tang

List of Publications by Year
in descending order

11 papers	101 citations	1684188 5 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	149 citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Testing of the Address in Real-Time Data Driver Card for the Micromegas Detector of the ATLAS New Small Wheel Upgrade. IEEE Transactions on Nuclear Science, 2020, 67, 2155-2160.	2.0	2
2	A Generic High Bandwidth Data Acquisition Card for Physics Experiments. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4569-4577.	4.7	16
3	Design and Evaluation of the LAr Trigger Digitizer Board in the ATLAS Phase-I Upgrade. IEEE Transactions on Nuclear Science, 2019, 66, 2011-2016.	2.0	5
4	Development and data path integration test of the global Feature EXtractor for the ATLAS Level-1 calorimeter trigger system Phase-I upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 938, 5-9.	1.6	31
5	The prototype design of gFEX â€" a component of the l1calo trigger for the ATLAS phase-I upgrade. , 2016, , .		4
6	gFEX, the ATLAS Calorimeter Level-1 real time processor. , 2015, , .		4
7	A 1.6-Gsps High-Resolution Waveform Digitizer Based on a Time-Interleaved Technique. IEEE Transactions on Nuclear Science, 2013, 60, 2180-2187.	2.0	16
8	A Beam Phase and Energy Measurement Instrument Based on Direct RF Signal IQ Undersampling Technique. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 2870-2878.	4.7	5
9	The Design and Initial Testing of the Beam Phase and Energy Measurement System for DTL in the Proton Accelerator of CSNS. IEEE Transactions on Nuclear Science, 2010, 57, 533-538.	2.0	6
10	TOF Clock System for BES III. IEEE Transactions on Nuclear Science, 2010, 57, 442-445.	2.0	11
11	The design and initial testing of the beam phase and energy measurement system for DTL in the proton accelerator of CSNS. , 2009, , .		1