

Tong-Ming Huang

List of Publications by Year in descending order

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25
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187
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave sintering carbon nanotube/Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ composites and their electromagnetic performance. Journal of the European Ceramic Society, 2013, 33, 2119-2126.	5.7	47
2	Preparation of nanocrystalline-coated carbon nanotube/Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ composite with excellent electromagnetic property as microwave absorber. Journal Physics D: Applied Physics, 2013, 46, 145002.	2.8	27
3	Development and vertical tests of a 166.6 MHz proof-of-principle superconducting quarter-wave beta = 1 cavity. Review of Scientific Instruments, 2019, 90, 084705.	1.3	17
4	Development of fundamental power couplers for 166.6 MHz superconducting quarter-wave beta = 1 proof-of-principle cavities. Review of Scientific Instruments, 2020, 91, 063301.	1.3	17
5	The mechanical design, fabrication and tests of a 166.6 MHz quarter-wave beta=1 proof-of-principle superconducting cavity for HEPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 947, 162770.	1.6	12
6	High power input coupler development for BEPCII 500MHz superconducting cavity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 895-902.	1.6	11
7	Design and Mechanical Performance of a Dressed 166.6 MHz $\beta=1$ Proof-of-Principle Superconducting Cavity in Horizontal Tests. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-8.	1.7	7
8	Design Optimization of a Mechanically Improved 499.8-MHz Single-Cell Superconducting Cavity for HEPS. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-9.	1.7	7
9	The development of the 499.8 MHz superconducting cavity system for BEPCII. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1013, 165649.	1.6	7
10	Thermal performance analysis and operation of the spoke cavity cryomodules for C-ADS Injector-I. Cryogenics, 2019, 101, 63-74.	1.7	6
11	Study and design of RF coupler for Chinese ADS HWR superconducting cavity. Chinese Physics C, 2014, 38, 117002.	3.7	5
12	Development of fundamental power coupler for C-ADS superconducting elliptical cavities. Chinese Physics C, 2017, 41, 067001.	3.7	5
13	Development of a low-loss magnetic-coupling pickup for 166.6-MHz quarter-wave beta = 1 superconducting cavities. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	3.4	5
14	High-power tests and solution to overheating at cavity-coupler interface of the 166.6-MHz beta = 1 superconducting quarter-wave resonator for HEPS. AIP Advances, 2021, 11, .	1.3	5
15	Commissioning experiences with the spoke-based CW superconducting proton linac. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	5
16	Development of a 500 MHz high power RF test stand. Chinese Physics C, 2012, 36, 355-361.	3.7	4
17	Ferrite multiphase/carbon nanotube composites sintered by spark plasma sintering. Journal of the Ceramic Society of Japan, 2014, 122, 768-771.	1.1	4
18	Horizontal test for BEPCII 500 MHz spare cavity. Chinese Physics C, 2012, 36, 996-999.	3.7	3

#	ARTICLE	IF	CITATIONS
19	Coupler conditioning and high power testing of ADS Spoke cavity. Chinese Physics C, 2014, 38, 027001.	3.7	3
20	Status of the IHEP 1.3 GHz superconducting RF program. Science China: Physics, Mechanics and Astronomy, 2011, 54, 154-159.	5.1	2
21	BXERL photo-injector based on a 217 MHz normal conducting RF gun. Chinese Physics C, 2011, 35, 865-869.	3.7	2
22	Some experiences with BEPCII SRF system operation. Chinese Physics C, 2016, 40, 067001.	3.7	2
23	Coupled electromagnetic-fluid-thermal analysis of gas-cooled high power input coupler for a 166.6MHz proof-of principle superconducting cavity. Cryogenics, 2021, 117, 103322.	1.7	1
24	Development of a 500-MHz waveguide directional coupler with high directivity for HEPS. Radiation Detection Technology and Methods, 2022, 6, 323-329.	0.8	1
25	A tuning system for BEPC II. Chinese Physics C, 2013, 37, 087003.	3.7	0