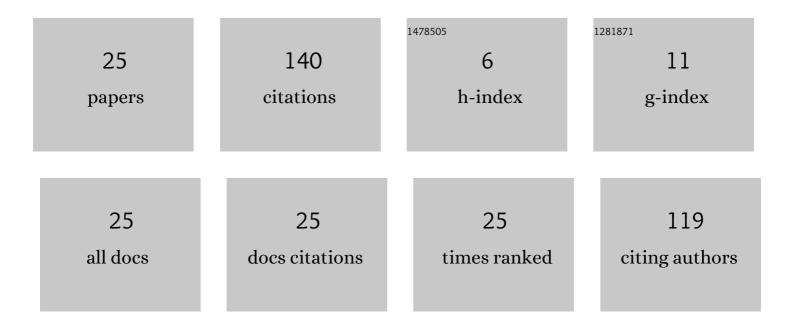
Gen Chen

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Measurement of voltage and power of RF cavity with capacitor probe in SC200 cyclotron. Journal of Nuclear Science and Technology, 2021, 58, 184-189. | 1.3 | 0 |
| 2 | Calculation of the ideal isochronous field for the SC200 cyclotron using the Nelder-Mead simplex algorithm. Journal of Nuclear Science and Technology, 2020, 57, 217-223. | 1.3 | 0 |
| 3 | Overview of TAE technologiesâ \in ™ HHFW project on LAPD. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 4 | Main experimental results and challenges in ICRF heating on EAST. AIP Conference Proceedings, 2020, , . | 0.4 | 7 |
| 5 | Investigation of TiN film on an RF ceramic window by atomic layer deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, 052401. | 2.1 | 3 |
| 6 | Design and Research of Magnetic Field Mapping System for SC200. IEEE Transactions on Nuclear Science, 2020, 67, 369-373. | 2.0 | 3 |
| 7 | Design and testing of an internal hot-cathode-type PIG ion source for superconducting cyclotron. Nuclear Science and Techniques/Hewuli, 2019, 30, 1. | 3.4 | 1 |
| 8 | Design and commissioning of Brav measurement system for SC200 superconducting cyclotron. Nuclear Science and Techniques/Hewuli, 2019, 30, 1. | 3.4 | 4 |
| 9 | Quench Safety Simulation and Verification of Superconducting Coils for the SC200 Superconducting Cyclotron. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4. | 1.7 | 3 |
| 10 | X-ray calibration of Dee voltage of radiofrequency cavity based on a low-power test. Nuclear Technology and Radiation Protection, 2019, 34, 249-255. | 0.8 | 1 |
| 11 | Transverse oscillation of particles in the vicinity of resonances for a cyclotron. Physical Review Accelerators and Beams, 2019, 22, . | 1.6 | 1 |
| 12 | Design and implementation of power and phase feedback control system for ICRH on EAST. Nuclear Science and Techniques/Hewuli, 2018, 29, 1. | 3.4 | 9 |
| 13 | The construction of the inner ion source for SC200 compact superconducting cyclotron. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 14 | The trajectory simulation and optimization of ion source chimney for SC200 cyclotron. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 15 | Wave coupling simulation of ICRF antenna in EAST relying on the perfectly matched layer technique. Physics of Plasmas, 2018, 25, . | 1.9 | 4 |
| 16 | Design and Analysis of RF Window for a Superconducting Cyclotron. IEEE Transactions on Nuclear Science, 2018, 65, 2615-2619. | 2.0 | 8 |
| 17 | Magnetic field test of superconducting coils for the compact proton therapy cyclotron. Journal of Theoretical and Applied Physics, 2018, 12, 79-84. | 1.4 | 1 |
| 18 | High-Power Fast-Response Ferrite Tuner for ICRF Impedance Matching in EAST. Fusion Science and Technology, 2017, 71, 144-149. | 1.1 | 5 |

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|----|---|-----|-----------|
| 19 | Pre-Stub Tuner for Reduction of Radio-Frequency Voltage Along Transmission Line in EAST-ICRF System. Fusion Science and Technology, 2017, 71, 150-161. | 1.1 | 5 |
| 20 | Data and Information Management Control System for ICRF Heating on EAST. Journal of Fusion Energy, 2016, 35, 422-428. | 1.2 | 0 |
| 21 | Initial operation of high power ICRF system for long pulse in EAST. AIP Conference Proceedings, 2015, , . | 0.4 | 4 |
| 22 | The Upgrade of Fast Ferrite Tuning Matching System for ICRF in EAST. Journal of Fusion Energy, 2015, 34, 1067-1070. | 1.2 | 2 |
| 23 | EAST ion cyclotron resonance heating system for long pulse operation. Fusion Engineering and Design, 2014, 89, 2642-2646. | 1.9 | 54 |
| 24 | Design and Test of the Fast Ferrite Tuner for ICRF Heating in EAST. Fusion Science and Technology, 2012, 61, 301-308. | 1.1 | 11 |
| 25 | Development of the High Radio Frequency Power Amplifiers for ICRF Heating in EAST. Fusion Science and Technology, 2012, 61, 216-226. | 1.1 | 9 |