

JingFeng Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4040611/publications.pdf>

Version: 2024-02-01

10
papers

61
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	A global model of 2.45 GHz ECR ion sources for high intensity H ⁺ , H ₂ ⁺ and H ₃ ⁺ beams. Vacuum, 2020, 182, 109744.	3.5	12
2	Possibility of generating H ⁺ , or H ₂ ⁺ , or H ₃ ⁺ dominated ion beams with a 2.45 GHz permanent magnet ECR ion source. Review of Scientific Instruments, 2019, 90, 123305.	1.3	9
3	Plasma parameter diagnosis using hydrogen emission spectra of a quartz-chamber 2.45 GHz ECRIS at Peking University. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	8
4	Status of high current H ₂ ⁺ and H ₃ ⁺ ion sources. Review of Scientific Instruments, 2019, 90, .	1.3	7
5	A miniaturized ECR plasma flood gun for wafer charge neutralization. Review of Scientific Instruments, 2020, 91, 033319.	1.3	7
6	Influence of noble gases on electron cyclotron heated hydrogen plasma. X-Ray Spectrometry, 2020, 49, 213-217.	1.4	6
7	Multiple charge ion beam generation with a 2.45 GHz electron cyclotron resonance ion source. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	5
8	Preliminary design of a hybrid ion source for 7Li ³⁺ generation. AIP Conference Proceedings, 2018, , .	0.4	5
9	The preliminary test of multi-charged ions generation with a 2.45 GHz microwave-driven ion source. Review of Scientific Instruments, 2020, 91, 023312.	1.3	2
10	A numerical model for lithium plasma process in a hybrid microwave ion source. Contributions To Plasma Physics, 2021, 61, e202100048.	1.1	0