

Riccardo Casagrande

List of Publications by Year in descending order

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58
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Operational Experience and Improvements of SPIDER Ion Source Power Supplies at Beam Energies Exceeding 30 keV. IEEE Transactions on Plasma Science, 2022, 50, 3928-3934.	1.3	2
2	Radio Frequency Generators Based on Solid State Amplifiers for the NBTF and ITER Projects. IEEE Transactions on Plasma Science, 2022, 50, 3970-3976.	1.3	6
3	RF Stray Currents in SPIDER Power Circuits: Model Assessment and Experimental Results. IEEE Transactions on Plasma Science, 2022, 50, 3977-3982.	1.3	2
4	Development of an experimental facility for the study of microparticle initiated radio frequency vacuum breakdown. Review of Scientific Instruments, 2021, 92, 013508.	1.3	0
5	On the road to ITER NBIs: SPIDER improvement after first operation and MITICA construction progress. Fusion Engineering and Design, 2021, 168, 112622.	1.9	44
6	Study of RF Stray Currents in ITER Neutral Beam Test Facilities. Applied Sciences (Switzerland), 2021, 11, 11126.	2.5	5
7	Overview of recent ICRF studies and RF-related wave-field measurements on ASDEX upgrade. AIP Conference Proceedings, 2020, , .	0.4	1
8	Investigation of ion bombardment role on radio-frequency arcs ignition. AIP Conference Proceedings, 2020, , .	0.4	0
9	RFP based Fusion-Fission Hybrid reactor model for nuclear applications. Fusion Engineering and Design, 2019, 146, 2725-2728.	1.9	3
10	Polarization Stark spectroscopy for spatially resolved measurements of electric fields in the sheaths of ICRF antenna. Review of Scientific Instruments, 2019, 90, 123101.	1.3	0
11	A continuously pulsed Reversed Field Pinch core for an ohmically heated hybrid reactor. Fusion Engineering and Design, 2018, 136, 1489-1493.	1.9	7