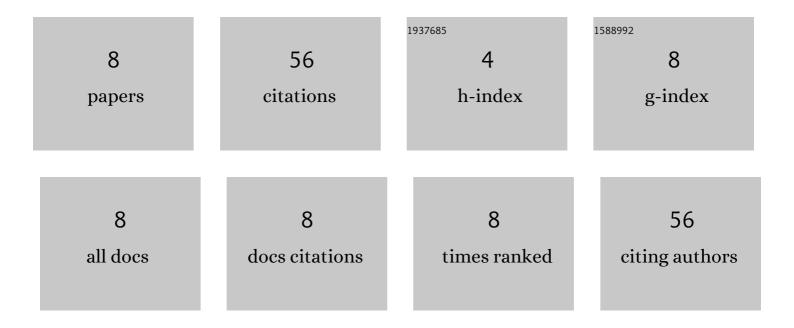
Dominikus Zielke

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9207322/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Diagnostics of RF coupling in Hâ^' ion sources as a tool for optimizing source design and operational parameters. Review of Scientific Instruments, 2022, 93, 023501.	1.3	9
2	Modeling inductive radio frequency coupling in powerful negative hydrogen ion sources: validating a self-consistent fluid model. Plasma Sources Science and Technology, 2022, 31, 035019.	3.1	7
3	lon source developments at IPP: On the road towards achieving the ITER-NBI targets and preparing concepts for DEMO. Journal of Physics: Conference Series, 2022, 2244, 012049.	0.4	2
4	Predictive fluid model for self-consistent description of inductive RF coupling in powerful negative hydrogen ion sources. Journal of Physics: Conference Series, 2022, 2244, 012030.	0.4	3
5	RF power transfer efficiency of H ion sources: fluid modeling of accelerator source geometries. Journal of Physics: Conference Series, 2022, 2244, 012032.	0.4	1
6	Impact of Internal Faraday Shields on RF Driven Hydrogen Discharges. Plasma, 2022, 5, 280-294.	1.8	1
7	RF power transfer efficiency and plasma parameters of low pressure high power ICPs. Journal Physics D: Applied Physics, 2021, 54, 155202.	2.8	24
8	Self-consistent fluid model for simulating power coupling in hydrogen ICPs at 1ÂMHz including the nonlinear RF Lorentz force. Plasma Sources Science and Technology, 2021, 30, 065011.	3.1	9