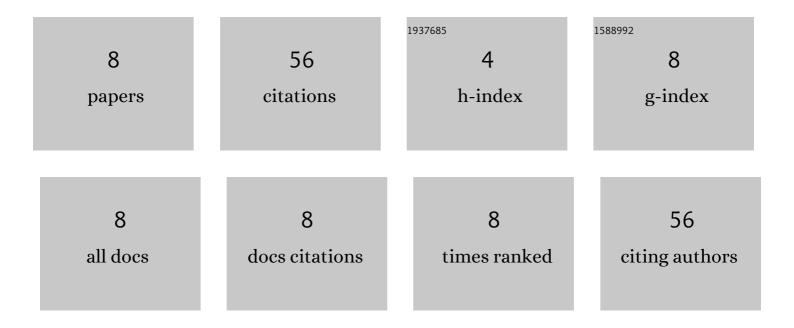
Dominikus Zielke

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 |