

Tyler Abrams

List of Publications by Year in descending order

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7
papers

89
citations

1478505
6
h-index

1872680
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g-index

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all docs

7
docs citations

7
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Low-Temperature Tungsten Spectroscopy Capability to Quantify DIII-D Divertor Erosion. IEEE Transactions on Plasma Science, 2018, 46, 1298-1305.	1.3	21
2	Impact of ELM control techniques on tungsten sputtering in the DIII-D divertor and extrapolations to ITER. Physics of Plasmas, 2019, 26, .	1.9	19
3	Utilization of outer-midplane collector probes with isotopically enriched tungsten tracer particles for impurity transport studies in the scrape-off layer of DIII-D (invited). Review of Scientific Instruments, 2018, 89, 101115.	1.3	18
4	Dynamic divertor control using resonant mixed toroidal harmonic magnetic fields during ELM suppression in DIII-D. Physics of Plasmas, 2018, 25, 056102.	1.9	17
5	Study of DIII-D tungsten erosion processes by using a carbon-tungsten mixed material model. Nuclear Materials and Energy, 2019, 18, 141-146.	1.3	8
6	Developing solid-surface plasma facing components for pilot plants and reactors with replenishable wall claddings and continuous surface conditioning. Part A: concepts and questions. Plasma Physics and Controlled Fusion, 2022, 64, 055018.	2.1	6
7	Developing solid-surface plasma facing components for pilot plants and reactors with replenishable wall claddings and continuous surface conditioning. Part B: required research in present tokamaks. Plasma Physics and Controlled Fusion, 2022, 64, 055003.	2.1	0