

Joseph B Tipton Jr

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

208
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Steady-State Mechanical Analysis for Target Assembly in the Material Plasma Exposure eXperiment Facility. <i>Fusion Science and Technology</i> , 2021, 77, 594-607.	1.1	0
2	Testing and analysis of steady-state helicon plasma source for the Material Plasma Exposure eXperiment (MPEX). <i>Fusion Engineering and Design</i> , 2020, 160, 112001.	1.9	9
3	High-Heat-Flux Target Design for the Material Plasma Exposure eXperiment. <i>Fusion Science and Technology</i> , 2019, 75, 674-682.	1.1	3
4	Design and Analysis of 140-Degree Miter Bend for High Power Electron Cyclotron Heating Transmission Lines. <i>Fusion Science and Technology</i> , 2017, 72, 616-622.	1.1	1
5	Modeling and Analysis of the W7-X High Heat-Flux Divertor Scraper Element. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 545-551.	1.3	10
6	Effect of disjoining pressure (\hat{l}) on multi-scale modeling for evaporative liquid metal (Na) capillary. <i>International Journal of Heat and Mass Transfer</i> , 2014, 78, 137-149.	4.8	5
7	Design and analysis of the W7-X divertor scraper element. <i>Fusion Engineering and Design</i> , 2013, 88, 1773-1777.	1.9	68
8	Thermal fluid multiphysics optimization of spherical tokamak centerpost. <i>Fusion Engineering and Design</i> , 2012, 87, 1190-1194.	1.9	4
9	Modeling Alkaline Liquid Metal (Na) Evaporating Thin Films Using Both Retarded Dispersion and Electronic Force Components. <i>Journal of Heat Transfer</i> , 2009, 131, .	2.1	7
10	Effect of Nanoparticle Sizes and Number Densities on the Evaporation and Dryout Characteristics for Strongly Pinned Nanofluid Droplets. <i>Langmuir</i> , 2007, 23, 2953-2960.	3.5	101
11	Human-Centered Design Incorporated in the Freshman Year through an Active Learning Engineering Design Lab: Best Practices, Lessons Learned, and Proposed Improvements. , 0, , .		0