

Zibo Zhou

List of Publications by Year in descending order

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18
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227
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics design of new lower tungsten divertor for long-pulse high-power operations in EAST. Nuclear Fusion, 2021, 61, 126070.	3.5	40
2	Rotary Joint Design for High Payload Remote Handling System for a Tokamak Reactor. IEEE Transactions on Plasma Science, 2020, 48, 1748-1753.	1.3	1
3	Design of Test Platform of High-Payload Transporter Joint for a Tokamak. IEEE Transactions on Plasma Science, 2020, 48, 1762-1767.	1.3	2
4	The Feasibility of Application of the Existing IVS Concept to CFETR. IEEE Transactions on Plasma Science, 2018, 46, 2203-2206.	1.3	0
5	The Reliability Design of CFETR Divertor. IEEE Transactions on Plasma Science, 2018, 46, 1402-1405.	1.3	3
6	Geometry and Physics Design of Lower Divertor Upgrade in EAST. IEEE Transactions on Plasma Science, 2018, 46, 1412-1416.	1.3	17
7	Analysis of EAST's New Tungsten Divertor and Cooling System during a Disruption with Halo Currents. Fusion Science and Technology, 2015, 68, 582-586.	1.1	3
8	EAST Full Tungsten Divertor Design. Journal of Fusion Energy, 2015, 34, 1451-1456.	1.2	34
9	The Design of Large Phased Vacuum Vessel. Journal of Fusion Energy, 2015, 34, 148-151.	1.2	1
10	The Research Activities on Remote Handling System for CFETR. Journal of Fusion Energy, 2015, 34, 232-237.	1.2	8
11	The Upgrade of EAST Divertor. Journal of Fusion Energy, 2015, 34, 93-98.	1.2	32
12	An approach to explore the eddy currents of the new type divertor for EAST device using ANSYS code. Science China Technological Sciences, 2014, 57, 9-13.	4.0	7
13	Investigation on the Possibility of Tritium Self-Sufficiency for CFETR Using a PWR Water-Cooled Blanket. IEEE Transactions on Plasma Science, 2014, 42, 1759-1763.	1.3	11
14	Engineering Studies on the EAST Tungsten Divertor. IEEE Transactions on Plasma Science, 2014, 42, 580-584.	1.3	10
15	The Structure Analysis of the EAST Updated Divertor. Journal of Fusion Energy, 2014, 33, 471-475.	1.2	5
16	Availability Analysis for CFETR. Journal of Fusion Energy, 2014, 33, 523-528.	1.2	7
17	Failure Modes and Reliability Analysis of Motor Driving System in ITER Remote Handling Transfer Cask. Journal of Fusion Energy, 2014, 33, 565-571.	1.2	1
18	The design and R&D work of EAST tungsten divertor. , 2013, , .		2