

Thawatchai Onjun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12132548/publications.pdf>

Version: 2024-02-01

15
papers

221
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of high-mode predictive simulations using Mixed Bohm/gyro-Bohm and Multi-Mode (MMM95) transport models. <i>Physics of Plasmas</i> , 2001, 8, 964-974.	1.9	37
2	Integrated predictive modelling simulations of burning plasma experiment designs. <i>Plasma Physics and Controlled Fusion</i> , 2003, 45, 1939-1960.	2.1	34
3	Comparison of low confinement mode transport simulations using the mixed Bohm/gyro-Bohm and the Multi-Mode-95 transport model. <i>Physics of Plasmas</i> , 2001, 8, 975-985.	1.9	31
4	Integrated predictive modeling of high-mode tokamak plasmas using a combination of core and pedestal models. <i>Physics of Plasmas</i> , 2003, 10, 4358-4370.	1.9	21
5	Integrated pedestal and core modeling of Joint European Torus (JET) triangularity scan discharges. <i>Physics of Plasmas</i> , 2004, 11, 3006-3014.	1.9	20
6	Magnetohydrodynamic-calibrated edge-localized mode model in simulations of International Thermonuclear Experimental Reactor. <i>Physics of Plasmas</i> , 2005, 12, 082513.	1.9	17
7	Interplay between ballooning and peeling modes in simulations of the time evolution of edge localized modes. <i>Physics of Plasmas</i> , 2005, 12, 012506.	1.9	15
8	Stability analysis of H-mode pedestal and edge localized modes in a Joint European Torus power scan. <i>Physics of Plasmas</i> , 2004, 11, 1469-1475.	1.9	12
9	Natural rubber blocks as thermal neutron shields. <i>Progress in Nuclear Science and Technology</i> , 2014, 4, 631-634.	0.3	10
10	Effect of isotope mass on simulations of the high-mode pedestal and edge localized modes. <i>Physics of Plasmas</i> , 2005, 12, 112508.	1.9	8
11	Plasma Scenario Study for HT-6M Tokamak Using BALDUR Integrated Predictive Modeling Code. <i>Plasma and Fusion Research</i> , 2018, 13, 3403094-3403094.	0.7	8
12	Comparisons of the Plasma Performance of Future Thailand Tokamak using Various External Heating Schemes. <i>Plasma and Fusion Research</i> , 2019, 14, 3403153-3403153.	0.7	5
13	Model for Pedestal Transport Based on Suppression of Anomalous Transport Using $\tilde{v}_E \tilde{A}$ -B Flow Shear and Magnetic Shear. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 044502.	1.6	3
14	Neutronics Assessment for the Thailand Tokamak Upgrade. <i>Plasma and Fusion Research</i> , 2019, 14, 3405082-3405082.	0.7	0
15	Predicted Behaviour of Helium in ITER by the Multi-Mode Transport Model. <i>Journal of Fusion Energy</i> , 2022, 41, 1.	1.2	0