

# Shuo Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/708419/publications.pdf>

Version: 2024-02-01

16  
papers

142  
citations

1478505

6  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative investigation of ELM control based on toroidal modelling of plasma response to RMP fields. Physics of Plasmas, 2017, 24, .	1.9	44
2	A disruption predictor based on a 1.5-dimensional convolutional neural network in HL-2A. Nuclear Fusion, 2020, 60, 016017.	3.5	24
3	Bifurcation of resistive wall mode dynamics predicted by magnetohydrodynamic-kinetic hybrid theory. Physics of Plasmas, 2015, 22, .	1.9	9
4	Modeling of toroidal torques exerted by internal kink instability in a tokamak plasma. Physics of Plasmas, 2017, 24, 082507.	1.9	9
5	Stability of ideal and non-ideal edge localized infernal mode. Physics of Plasmas, 2017, 24, .	1.9	9
6	Toroidal modelling of core plasma flow damping by RMP fields in hybrid discharge on ASDEX upgrade. Nuclear Fusion, 2020, 60, 096006.	3.5	9
7	Study on edge localized mode during plasma vertical swing in HL-2A tokamak. Physics of Plasmas, 2018, 25, 102505.	1.9	6
8	Plasma initiation and preliminary magnetic control in the HL-2M tokamak. Nuclear Fusion, 2021, 61, 086010.	3.5	6
9	Toroidal modeling of plasma response to RMP fields for HL-2M. Nuclear Fusion, 2021, 61, 126031.	3.5	6
10	In-depth research on the interpretable disruption predictor in HL-2A. Nuclear Fusion, 2021, 61, 126042.	3.5	6
11	Toroidal modeling of interaction between internal kink mode and plasma flow. Physics of Plasmas, 2018, 25, .	1.9	4
12	Neural network based fast prediction of $\hat{I}^2 <sub>N </sub>$ limits in HL-2M. Plasma Physics and Controlled Fusion, 2022, 64, 045010.	2.1	4
13	Non-linear interplay between edge localized infernal mode and plasma flow. Nuclear Fusion, 2019, 59, 066011.	3.5	3
14	Ideal internal kink stability in presence of plasma flow and neoclassical toroidal viscosity due to energetic particles. Nuclear Fusion, 2021, 61, 046042.	3.5	2
15	Modeling active control of resistive wall mode with power saturation and sensor noise on HL-2M. Plasma Physics and Controlled Fusion, 2021, 63, 055019.	2.1	1
16	MARS-Q modeling of kink-peeling instabilities in DIII-D QH-mode plasma. Nuclear Fusion, 2021, 61, 046038.	3.5	0