

Xuehan Guo

List of Publications by Year in descending order

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10
papers

91
citations

1684188

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Centre-solenoid-free merging start-up of spherical tokamak plasmas in UTST. Nuclear Fusion, 2015, 55, 033013.	3.5	28
2	Energy transfer and electron energization in collisionless magnetic reconnection for different guide-field intensities. Physics of Plasmas, 2018, 25, .	1.9	17
3	Laboratory study of diffusion region with electron energization during high guide field reconnection. Physics of Plasmas, 2015, 22, .	1.9	14
4	Effects of reconnection downstream conditions on electron parallel acceleration during the merging start-up of a spherical tokamak. Nuclear Fusion, 2019, 59, 086040.	3.5	10
5	Localized electron heating by strong guide-field magnetic reconnection. Physics of Plasmas, 2015, 22, .	1.9	8
6	Energy conversion mechanism for electron perpendicular energy in high guide-field reconnection. Physics of Plasmas, 2017, 24, 032901.	1.9	5
7	Numerical study of Hall effects on counter-helicity spheromak merging by two-dimensional Hall-MHD simulations. Physics of Plasmas, 2017, 24, 032508.	1.9	5
8	Two-Dimensional Electron Temperature and Density Measurement during Strong Guide-Field Reconnection by using Slide-Type Thomson Scattering System. Plasma and Fusion Research, 2015, 10, 3402017-3402017.	0.7	2
9	Separated Double-Current Layers in a High-Guide-Field Reconnection Experiment. Plasma and Fusion Research, 2017, 12, 1202033-1202033.	0.7	1
10	Particle-In-Cell Simulation of Field-Reversed Configuration with Adaptive Particle Management. Plasma and Fusion Research, 2018, 13, 3401060-3401060.	0.7	1