

Young Dae Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

64
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	A generalized two-fluid picture of non-driven collisionless reconnection and its relation to whistler waves. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	11
2	Intense whistler-frequency emissions at the pedestal collapse in KSTAR H-mode plasmas. <i>Nuclear Fusion</i> , 2020, 60, 126021.	3.5	11
3	An intuitive two-fluid picture of spontaneous 2D collisionless magnetic reconnection and whistler wave generation. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	8
4	Kinetic Verification of the Stochastic Ion Heating Mechanism in Collisionless Magnetic Reconnection. <i>Astrophysical Journal Letters</i> , 2019, 887, L29.	8.3	8
5	Collisionless relaxation of a disequibrated current sheet and implications for bifurcated structures. <i>Nature Communications</i> , 2021, 12, 3774.	12.8	8
6	Fast Ion Heating in Transient Collisionless Magnetic Reconnection via an Intrinsic Stochastic Mechanism. <i>Astrophysical Journal Letters</i> , 2018, 868, L31.	8.3	6
7	The electron canonical battery effect in magnetic reconnection: Completion of the electron canonical vorticity framework. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	5
8	Nondiffusive Pitch-Angle Scattering of a Distribution of Energetic Particles by Coherent Whistler Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027796.	2.4	3
9	How Hall electric fields intrinsically chaotize and heat ions during collisionless magnetic reconnection. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	3
10	Deterministic scattering of relativistic electron beams by off-resonant circularly polarized electromagnetic waves. <i>Physics of Plasmas</i> , 2021, 28, 060702.	1.9	1