

Yanzeng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

117
citations

1307594

7
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge and divertor plasma: detachment, stability, and plasma-wall interactions. Nuclear Fusion, 2017, 57, 102010.	3.5	15
2	Stability of divertor detachment. Nuclear Materials and Energy, 2017, 12, 1061-1066.	1.3	10
3	Effect of neutrals on the anomalous edge plasma transport. Plasma Physics and Controlled Fusion, 2020, 62, 115018.	2.1	10
4	Electron dynamics in the laser and quasi-static electric and magnetic fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1801-1806.	2.1	9
5	Different responses of the Rayleigh-Taylor type and resistive drift wave instabilities to the velocity shear. Physics of Plasmas, 2020, 27, .	1.9	9
6	Bohm Criterion of Plasma Sheaths away from Asymptotic Limits. Physical Review Letters, 2022, 128, 085002.	7.8	9
7	Influence of zonal flow and density on resistive drift wave turbulent transport. Physics of Plasmas, 2020, 27, .	1.9	8
8	Electron heating in the laser and static electric and magnetic fields. Physics of Plasmas, 2018, 25, .	1.9	7
9	Neutral impact on anomalous edge plasma transport and its correlation with divertor plasma detachment. Nuclear Fusion, 2020, 60, 106023.	3.5	7
10	Blobs in the framework of drift wave dynamics. Physics of Plasmas, 2016, 23, 124501.	1.9	6
11	Blobs and drift wave dynamics. Physics of Plasmas, 2017, 24, 092313.	1.9	6
12	Stochastic electron heating in the laser and quasi-static electric and magnetic fields. Physics of Plasmas, 2018, 25, 123110.	1.9	5
13	Novel approach to stochastic acceleration of electrons in colliding laser fields. Physics of Plasmas, 2019, 26, 050702.	1.9	5
14	Radiation friction force effects on electron dynamics in ultra-intensity laser pulse. Physics of Plasmas, 2019, 26, 010702.	1.9	3
15	Drift waves enstrophy, zonal flow, and nonlinear evolution of the modulational instability. Physics of Plasmas, 2021, 28, 010702.	1.9	3
16	Electron dynamics in laser and quasi-static transverse electric and longitudinal magnetic fields. Plasma Physics and Controlled Fusion, 2019, 61, 074008.	2.1	2
17	Laser-driven electron acceleration in nanoplate array targets. Physical Review E, 2021, 103, 013204.	2.1	2
18	Influence of flow shear on localized Rayleigh-Taylor and resistive drift wave instabilities. Contributions To Plasma Physics, 2020, 60, e201900098.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Stochastic electron acceleration in relativistic laser pulse and stationary periodic electric and magnetic fields. <i>Physics of Plasmas</i> , 2019, 26, 113112.	1.9	0