

# Hâ€p Le

## List of Publications by Year in descending order

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12  
papers

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1684188

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citing authors

#	ARTICLE	IF	CITATIONS
1	Complexity reduction of collisional-radiative kinetics for atomic plasma. <i>Physics of Plasmas</i> , 2013, 20, 123304.	1.9	36
2	Development and modeling of a polar-direct-drive exploding pusher platform at the National Ignition Facility. <i>Physics of Plasmas</i> , 2018, 25, 072710.	1.9	22
3	GPU-based flow simulation with detailed chemical kinetics. <i>Computer Physics Communications</i> , 2013, 184, 596-606.	7.5	20
4	Evolution of the Electron Distribution Function in the Presence of Inverse Bremsstrahlung Heating and Collisional Ionization. <i>Physical Review Letters</i> , 2020, 124, 025001.	7.8	19
5	Influence of atomic kinetics on inverse bremsstrahlung heating and nonlocal thermal transport. <i>Physical Review E</i> , 2019, 100, 013202.	2.1	9
6	Modeling of inelastic collisions in a multifluid plasma: Ionization and recombination. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	5
7	Modeling of inelastic collisions in a multifluid plasma: Excitation and deexcitation. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	4
8	Conservative algorithms for non-Maxwellian plasma kinetics. <i>Physics of Plasmas</i> , 2017, 24, 122105.	1.9	3
9	Monte Carlo simulation of excitation and ionization collisions with complexity reduction. <i>Journal of Computational Physics</i> , 2017, 346, 480-496.	3.8	2
10	Comparison of ablaters for the polar direct drive exploding pusher platform. <i>High Energy Density Physics</i> , 2021, 38, 100928.	1.5	2
11	Quantum Fokker-Planck modeling of degenerate electrons. <i>Journal of Computational Physics</i> , 2021, 434, 110230.	3.8	1
12	Coarse-grained Monte Carlo simulation of excitation and ionization collisions. , 2016, , .		0