Reza Fallah

List of Publications by Year
in descending order

11	65	1937685 4	1720034 7
papers	citations	h-index	g-index

11	11	11	26
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of relativistic and ponderomotive nonlinearities on the interaction of highâ€power laser beam with an inhomogeneous warm plasma. Contributions To Plasma Physics, 2021, 61, e202000086.	1.1	1
2	Rotating ion beam effects on temperature gradient instability in completely ionized plasmas. Physical Review E, 2020, 102, 043208.	2.1	0
3	Amplitude enhancement of plasma wakefield by interaction of relativistic Gaussian electron beam with inhomogeneous magnetized plasma. AIP Advances, 2020, 10, 015330.	1.3	1
4	Longitudinal wave instability due to rotating beam-plasma interaction in weakly turbulent astrophysical plasmas. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3059-3065.	4.4	2
5	Influence of pump-beam parameters and crystal optical properties on propagation of thermally affected Besselâ€“Gaussian beams generated by a solid-state laser. European Physical Journal D, 2019, 73, 1.	1.3	4
6	Electron acceleration by Besselâ€“Gaussian laser pulse in a plasma in the presence of an external magnetic field. High Energy Density Physics, 2019, 31, 5-12.	1.5	11
7	Effect of nonthermal atmospheric pressure plasma on plasma coagulation in healthy persons and patients under treatment with Warfarin. Contributions To Plasma Physics, 2019, 59, 354-357.	1.1	4
8	Electron acceleration in a homogeneous plasma by Besselâ€Gaussian and Gaussian pulses. Contributions To Plasma Physics, 2018, 58, 878-889.	1.1	14
9	Influence of Gaussian, Super-Gaussian, and Cosine-Gaussian Pulse Properties on the Electron Acceleration in a Homogeneous Plasma. IEEE Transactions on Plasma Science, 2018, 46, 2085-2090.	1.3	17
10	Investigation of the pump reshaping effect on the thermally-affected Helmholtzâ€“Gauss beams generated by a solid-state laser. Laser Physics, 2015, 25, 085007.	1.2	3
11	Thermally-affected Cosine-Gauss and Parabolic-Gauss beams and comparisons of Helmholtzâ€“Gauss beam families. Optics Communications, 2015, 341, 160-172.	2.1	8