Diagnostics, Control and Performance Parameters for t
Petawatt Class Laser

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Citation Report

#	Article	IF	Citations
1	Laser-assisted capillary discharge for enhanced guiding of tightly focused laser pulses at low densities. Proceedings of SPIE, 2017, , .	0.8	0
2	085â€‰â€‰PW laser operation at 33â€‰â€‰Hz and high-contrast ultrahigh-intensity Î»â€‰=â€‰400â€‰â€‰nm second-harmo beamline. Optics Letters, 2017, 42, 3828.	3.3	86
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4	Single-shot cross-correlator for pulse-contrast characterization of high peak-power lasers. High Power Laser Science and Engineering, 2018, 6, .	4.6	11
5	Beam quality preservation studies in a laser-plasma accelerator with external injection for EuPRAXIA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 90-94.	1.6	6
6	All-optical structuring of laser-driven proton beam profiles. Nature Communications, 2018, 9, 5292.	12.8	16
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17	Building an Optical Free-Electron Laser in the Traveling-Wave Thomson-Scattering Geometry. Frontiers in Physics, 2019, 6, .	2.1	11
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19	Petawatt Laser Guiding and Electron Beam Acceleration to 8ÂGeV in a Laser-Heated Capillary Discharge Waveguide. Physical Review Letters, 2019, 122, 084801.	7.8	557
20	Tailored laser pulse chirp to maintain optimum radiation pressure acceleration of ions. Physics of Plasmas, 2019, 26, 023103.	1.9	4
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