Rob J Shalloo

List of Publications by Year
in descending order

10 papers	272 citations	1163117 8 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	436 citing authors

#	Article	IF	Citations
1	Recovery time of a plasma-wakefield accelerator. Nature, 2022, 603, 58-62.	27.8	17
2	Faster laser pulses boost plasma accelerators. Nature Photonics, 2020, 14, 470-471.	31.4	2
3	Automation and control of laser wakefield accelerators using Bayesian optimization. Nature Communications, 2020, 11, 6355.	12.8	78
4	Meter-scale conditioned hydrodynamic optical-field-ionized plasma channels. Physical Review E, 2020, 102, 053201.	2.1	17
5	Low-density hydrodynamic optical-field-ionized plasma channels generated with an axicon lens. Physical Review Accelerators and Beams, 2019, 22, .	1.6	37
6	Hydrodynamic optical-field-ionized plasma channels. Physical Review E, 2018, 97, 053203.	2.1	49
7	Excitation and Control of Plasma Wakefields by Multiple Laser Pulses. Physical Review Letters, 2017, 119, 044802.	7.8	39
8	Secondary wavelength stabilization of unbalanced Michelson interferometers for the generation of low-jitter pulse trains. Optics Letters, 2016, 41, 4068.	3.3	0
9	Generation of laser pulse trains for tests of multi-pulse laser wakefield acceleration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 383-385.	1.6	17
10	Nonlinear dynamics of anti-hydrogen in magnetostatic traps: implications for gravitational measurements. Classical and Quantum Gravity, 2013, 30, 205014.	4.0	16