

Matthieu Veinhard

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

183
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent beam combining of 61 femtosecond fiber amplifiers. Optics Express, 2020, 28, 20152.	3.4	95
2	Orbital angular momentum beams generation from 61 channels coherent beam combining femtosecond digital laser. Optics Letters, 2021, 46, 25.	3.3	29
3	Quantification of laser-induced damage growth using fractal analysis. Optics Letters, 2017, 42, 5078.	3.3	18
4	Effect of non-linear amplification of phase and amplitude modulations on laser-induced damage of thick fused silica optics with large beams at 351 nm. Journal of Applied Physics, 2018, 124, .	2.5	11
5	A powerful tool for comparing different test procedures to measure the probability and density of laser induced damage on optical materials. Review of Scientific Instruments, 2019, 90, 125102.	1.3	10
6	MELBA: a fully customizable laser for damage experiments. , 2017, , .		9
7	Parametric study of laser-induced damage growth in fused silica optics with large beams at 351 nm. Part 1: stochastic approach. Applied Optics, 2020, 59, 9643.	1.8	7
8	Parametric study of laser-induced damage growth in fused silica optics with large beams at 351 nm Part 2: fractal analysis. Applied Optics, 2020, 59, 9652.	1.8	4
9	Laser damage metrology with small and large beams on a unique testbed. , 2021, , .		0