

Rosa Romero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10942838/publications.pdf>

Version: 2024-02-01

14
papers

244
citations

1163117
8
h-index

1588992
8
g-index

14
all docs

14
docs citations

14
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Compression of CEP-stable multi-mJ laser pulses down to 4â€%fs in long hollow fibers. Laser Physics Letters, 2014, 11, 095401.	1.4	99
2	Strategies for achieving intense single-cycle pulses with in-line post-compression setups. Optics Letters, 2018, 43, 337.	3.3	39
3	Percussion drilling of metals using bursts of nanosecond pulses. Optics Express, 2011, 19, 10221.	3.4	34
4	Characterizing ultrashort laser pulses with second harmonic dispersion scans. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1546.	2.1	16
5	SyncRGB-FLIM: synchronous fluorescence imaging of red, green and blue dyes enabled by ultra-broadband few-cycle laser excitation and fluorescence lifetime detection. Biomedical Optics Express, 2019, 10, 1891.	2.9	15
6	Propagation Effects in the Characterization of 1.5-Cycle Pulses by XPW Dispersion Scan. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	14
7	Detection and elimination of pulse train instabilities in broadband fibre lasers using dispersion scan. Scientific Reports, 2020, 10, 7242.	3.3	11
8	All-optical measurement of the complete waveform of octave-spanning ultrashort light pulses. Optics Letters, 2019, 44, 191.	3.3	10
9	Dynamic pulsing of a MOPA fiber laser for enhanced material processing. , 2011, , .		4
10	Dynamic Pulsing of a MOPA Pulsed Fiber Laser for Optimized Material Processing. , 2012, , .		1
11	Ultra-broadband few-cycle laser pulses for simultaneous multi-color fluorescence microscopy applications via the SyncRGB-FLIM method. , 2021, , .		1
12	Oxide growth and color formation of stainless steel and titanium using a mopa fiber laser. , 2011, , .		0
13	Configurable multipulsing of a MOPA pulsed fiber laser with applications in materials processing. , 2013, , .		0
14	Ultra-broadband few-cycle laser pulses for advanced multi-color FLIM- microscopy. , 2021, , .		0