

Louis Daniault

List of Publications by Year in descending order

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35
papers

557
citations

759233

12
h-index

888059

17
g-index

36
all docs

36
docs citations

36
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear beam matching to gas-filled multipass cells. OSA Continuum, 2021, 4, 732.	1.8	10
2	61 channels coherent beam combining femtosecond digital laser. , 2021, , .		2
3	Single-stage few-cycle nonlinear compression of millijoule energy Ti:Sa femtosecond pulses in a multipass cell. Optics Letters, 2021, 46, 5264.	3.3	13
4	Orbital angular momentum beams generation from 61 channels coherent beam combining femtosecond digital laser. Optics Letters, 2021, 46, 25.	3.3	29
5	Coherent beam combining of 61 femtosecond fiber amplifiers. Optics Express, 2020, 28, 20152.	3.4	95
6	Programmable Orbital Angular Momentum beam generated from a 61 channels Coherent Beam Combining femtosecond laser. , 2020, , .		0
7	All-fiber counter-propagation pumped amplifier tailored for Coherent Beam Combining technique. , 2020, , .		0
8	Coherent beam combining of 60 femtosecond fiber amplifiers. , 2020, , .		0
9	Coherent Beam Combining of 37 Femtosecond Fiber Amplifiers. , 2019, , .		1
10	Coherent beam combining of seven femtosecond chirped-pulse fiber amplifiers using an interferometric phase measurement technique. , 2018, , .		0
11	Coherent beam combining of seven fiber chirped-pulse amplifiers using an interferometric phase measurement. Optics Express, 2018, 26, 31542.	3.4	19
12	Highly Scalable Coherent Beam Combining of Femtosecond Fiber Chirped-Pulse Amplifiers. , 2018, , .		0
13	Towards coherent combination of 61 fiber amplifiers. , 2018, , .		0
14	Towards Coherent Combination of 61 Fiber Amplifiers. , 2017, , .		0
15	Highly scalable femtosecond coherent beam combining demonstrated with 19 fibers. Optics Letters, 2017, 42, 1887.	3.3	28
16	XCAN project : coherent beam combining of large number fibers in femtosecond regime (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		
17	Transient Two-Dimensional Infrared Spectroscopy in a Vibrational Ladder. Journal of Physical Chemistry Letters, 2016, 7, 3377-3382.	4.6	8
18	Arbitrary-detuning asynchronous optical sampling with amplified laser systems. Optics Express, 2015, 23, 27931.	3.4	15

#	ARTICLE	IF	CITATIONS
19	Ultrafast Dynamics of Carboxy-Hemoglobin: Two-Dimensional Infrared Spectroscopy Experiments and Simulations. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2216-2222.	4.6	18
20	Arbitrary-detuning asynchronous optical sampling with amplified laser systems. , 2015, , .		0
21	Femtosecond fiber chirped- and divided-pulse amplification. , 2013, , .		0
22	Energy scaling of ultrafast fiber systems using chirped and divided pulse amplification. , 2013, , .		0
23	Femtosecond fiber chirped- and divided-pulse amplification system. <i>Optics Letters</i> , 2013, 38, 106.	3.3	82
24	Power and energy scaling of ultrafast fiber systems using chirped and divided pulse amplification for high end applications. , 2013, , .		0
25	Impact of spectral phase mismatch on femtosecond coherent beam combining systems. <i>Optics Letters</i> , 2012, 37, 650.	3.3	13
26	Passive coherent combination of two ultrafast rod type fiber chirped pulse amplifiers. <i>Optics Letters</i> , 2012, 37, 1460.	3.3	32
27	High peak-power stretcher-free femtosecond fiber amplifier using passive spatio-temporal coherent combining. <i>Optics Express</i> , 2012, 20, 21627.	3.4	38
28	Passive coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. , 2012, , .		0
29	2 CW peak power ultrafast fiber system using passive coherent beam combining. , 2012, , .		0
30	Coherent combining of two femtosecond chirped-pulse amplifiers in a passive architecture. , 2012, , .		0
31	Coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. <i>Optics Letters</i> , 2011, 36, 621.	3.3	102
32	Passive coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. <i>Optics Letters</i> , 2011, 36, 4023.	3.3	38
33	High power femtosecond chirped pulse amplification in large mode area photonic bandgap Bragg fibers. <i>Applied Physics B: Lasers and Optics</i> , 2011, 103, 615-621.	2.2	6
34	Amplification of femtosecond pulses in large mode area Bragg fibers. , 2010, , .		1
35	Photonic bandgap fibre oscillators and amplifiers. <i>Optical Fiber Technology</i> , 2010, 16, 419-427.	2.7	4