

# Louis Daniault

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. Optics Letters, 2011, 36, 621.	3.3	102
2	Coherent beam combining of 61 femtosecond fiber amplifiers. Optics Express, 2020, 28, 20152.	3.4	95
3	Femtosecond fiber chirped- and divided-pulse amplification system. Optics Letters, 2013, 38, 106.	3.3	82
4	Passive coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. Optics Letters, 2011, 36, 4023.	3.3	38
5	High peak-power stretcher-free femtosecond fiber amplifier using passive spatio-temporal coherent combining. Optics Express, 2012, 20, 21627.	3.4	38
6	Passive coherent combination of two ultrafast rod type fiber chirped pulse amplifiers. Optics Letters, 2012, 37, 1460.	3.3	32
7	Orbital angular momentum beams generation from 61 channels coherent beam combining femtosecond digital laser. Optics Letters, 2021, 46, 25.	3.3	29
8	Highly scalable femtosecond coherent beam combining demonstrated with 19 fibers. Optics Letters, 2017, 42, 1887.	3.3	28
9	Coherent beam combining of seven fiber chirped-pulse amplifiers using an interferometric phase measurement. Optics Express, 2018, 26, 31542.	3.4	19
10	Ultrafast Dynamics of Carboxy-Hemoglobin: Two-Dimensional Infrared Spectroscopy Experiments and Simulations. Journal of Physical Chemistry Letters, 2015, 6, 2216-2222.	4.6	18
11	Arbitrary-detuning asynchronous optical sampling with amplified laser systems. Optics Express, 2015, 23, 27931.	3.4	15
12	Impact of spectral phase mismatch on femtosecond coherent beam combining systems. Optics Letters, 2012, 37, 650.	3.3	13
13	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
14	Nonlinear beam matching to gas-filled multipass cells. OSA Continuum, 2021, 4, 732.	1.8	10
15	Transient Two-Dimensional Infrared Spectroscopy in a Vibrational Ladder. Journal of Physical Chemistry Letters, 2016, 7, 3377-3382.	4.6	8
16	High power femtosecond chirped pulse amplification in large mode area photonic bandgap Bragg fibers. Applied Physics B: Lasers and Optics, 2011, 103, 615-621.	2.2	6
17	Photonic bandgap fibre oscillators and amplifiers. Optical Fiber Technology, 2010, 16, 419-427.	2.7	4
18	61 channels coherent beam combining femtosecond digital laser. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Amplification of femtosecond pulses in large mode area Bragg fibers. , 2010, , .		1
20	Coherent Beam Combining of 37 Femtosecond Fiber Amplifiers. , 2019, , .		1
21	Passive coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. , 2012, , .		0
22	Femtosecond fiber chirped- and divided-pulse amplification. , 2013, , .		0
23	Energy scaling of ultrafast fiber systems using chirped and divided pulse amplification. , 2013, , .		0
24	XCAN project : coherent beam combining of large number fibers in femtosecond regime (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 TF		0
25	Towards Coherent Combination of 61 Fiber Amplifiers. , 2017, , .		0
26	Coherent beam combining of seven femtosecond chirped-pulse fiber amplifiers using an interferometric phase measurement technique. , 2018, , .		0
27	2 GW peak power ultrafast fiber system using passive coherent beam combining. , 2012, , .		0
28	Coherent combining of two femtosecond chirped-pulse amplifiers in a passive architecture. , 2012, , .		0
29	Power and energy scaling of ultrafast fiber systems using chirped and divided pulse amplification for high end applications. , 2013, , .		0
30	Arbitrary-detuning asynchronous optical sampling with amplified laser systems. , 2015, , .		0
31	Highly Scalable Coherent Beam Combining of Femtosecond Fiber Chirped-Pulse Amplifiers. , 2018, , .		0
32	Towards coherent combination of 61 fiber amplifiers. , 2018, , .		0
33	Programmable Orbital Angular Momentum beam generated from a 61 channels Coherent Beam Combining femtosecond laser. , 2020, , .		0
34	All-fiber counter-propagation pumped amplifier tailored for Coherent Beam Combining technique. , 2020, , .		0
35	Coherent beam combining of 60 femtosecond fiber amplifiers. , 2020, , .		0