Corey V Bennett

List of Publications by Year
in descending order

50 papers	973 citations	687363 13 h-index	552781 26 g-index
51 all docs	51 docs citations	51 times ranked	614 citing authors

#	Article	IF	Citations
1	Validating data analysis of broadband laser ranging. Review of Scientific Instruments, 2018, 89, 035111.	1.3	8
2	Broadband laser ranging development at the DOE Labs. Proceedings of SPIE, 2017, , .	0.8	4
3	Broadband laser ranging: signal analysis and interpretation. Proceedings of SPIE, 2017, , .	0.8	5
4	Phase-mismatched localized fields in A-PPLN waveguide devices. Optics Letters, 2016, 41, 400.	3.3	0
5	Complex-transfer-function analysis of optical-frequency converters. Optics Letters, 2014, 39, 5106.	3.3	8
6	RF-photonic wideband measurements of energetic pulses on NIF enhanced by compressive sensing algorithms. Proceedings of SPIE, 2014, , .	0.8	1
7	Hohlraum energetics scaling to 520 TW on the National Ignition Facility. Physics of Plasmas, 2013, 20, .	1.9	59
8	104 MHz rate single-shot recording with subpicosecond resolution using temporal imaging. Optics Express, 2013, 21, 196.	3.4	77
9	X-ray bang-time and fusion reaction history at picosecond resolution using RadOptic detection. Review of Scientific Instruments, 2012, 83, 10D307.	1.3	32
10	Architecture, design, and numerical simulation of a code/pulse-position-swapping (CPPS) direct translating receiver. , 2011, , .		0
11	Transmitter and translating receiver design for 64-ary pulse position modulation (PPM). , 2010, , .		4
12	Embedded fiber optic Bragg grating (FBG) detonation velocity sensor. Proceedings of SPIE, 2009, , .	0.8	17
13	Design of optical pulse position modulation (PPM) translating receiver. , 2009, , .		1
14	Comparison of WDM/pulse-position-modulation (WDM/PPM) with code/pulse-position-swapping (C/PPS) based on wavelength/time codes. , 2009, , .		0
15	Code/pulse position swapping (C/PPS) for multiple-bits/symbol and reconfigurable multiple access communications. , 2009, , .		0
16	Virtual array receiver options for 64-ary pulse position modulation (PPM). Proceedings of SPIE, 2009, , .	0.8	2
17	745 fs Resolution Single-shot Recording at 2.1 Tsample/s and 104 Mframes/s Using Temporal Imaging. , 2009, , .		0
18	640 GHz real-time recording using temporal imaging. , 2008, , .		2

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19	Design and evaluation of a virtual quadrant receiver for 4-ary pulse position modulation/optical code division multiple access (4-ary PPM/O-CDMA). , 2007, , .		2
20	Ultrafast Time Scale Transformation and Recording Utilizing Parametric Temporal Imaging. LEOS Summer Topical Meeting, 2007, , .	0.0	1
21	Guided-Wave Temporal Imaging Based Ultrafast Recorders. , 2007, , .		4
22	Triggerable Continuum Source for Single-shot Ultra-fast Applications. , 2006, , .		0
23	Measurements of eavesdropping in a wavelength/time optical CDMA (O-CDMA) system, with data confidentiality implications. , 2005, , .		2
24	Simple robust receiver structure for gigabit ethernet O-CDMA using matrix codes. Journal of Lightwave Technology, 2005, 23, 3105-3110.	4.6	9
25	Bit-error-rate analysis of a 16-user gigabit ethernet optical-CDMA (O-CDMA) technology demonstrator using wavelength/time codes. IEEE Photonics Technology Letters, 2005, 17, 2784-2786.	2.5	27
26	X-ray detection by direct modulation of an optical probe beamâ€"Radsensor: Progress on development for imaging applications. Review of Scientific Instruments, 2004, 75, 3995-3997.	1.3	17
27	Target diagnostic technology research and development for the LLNL ICF and HED program (invited). Review of Scientific Instruments, 2004, 75, 4200-4203.	1.3	0
28	Single channel analog data links for use with high bandwidth recording systems for the National Ignition Facility. Review of Scientific Instruments, 2004, 75, 4281-4283.	1.3	0
29	High-Performance Optical CDMA System Based on 2-D Optical Orthogonal Codes. Journal of Lightwave Technology, 2004, 22, 2409-2419.	4.6	53
30	RadSensor: x-ray detection by direct modulation of an optical probe beam. , 2004, , .		8
31	Design and performance analysis of wavelength/time (W/T) matrix codes for optical CDMA. Journal of Lightwave Technology, 2003, 21, 2524-2533.	4.6	76
32	Aberrations in temporal imaging. IEEE Journal of Quantum Electronics, 2001, 37, 20-32.	1.9	57
33	Bounce-by-Bounce Cavity Ring-Down Spectroscopy: Femtosecond Temporal Imaging. ChemPhysChem, 2001, 2, 118-121.	2.1	7
34	Bounce-by-Bounce Cavity Ring-Down Spectroscopy: Femtosecond Temporal Imaging. , 2001, 2, 118.		1
35	Principles of parametric temporal imaging. I. System configurations. IEEE Journal of Quantum Electronics, 2000, 36, 430-437.	1.9	140
36	Principles of parametric temporal imaging. II. System performance. IEEE Journal of Quantum Electronics, 2000, 36, 649-655.	1.9	61

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37	Correction to "Phase noise reduction and photoelectron acceleration in a high-rf gun". IEEE Transactions on Plasma Science, 1999, 27, 1547-1547.	1.3	0
38	Upconversion time microscope demonstrating 103Ã— magnification of femtosecond waveforms. Optics Letters, 1999, 24, 783.	3.3	142
39	X-band photoinjector for a chirped-pulse FEL. , 1999, , .		0
40	Phase noise reduction and photoelectron acceleration in a high-Q RF gun. IEEE Transactions on Plasma Science, 1998, 26, 814-824.	1.3	9
41	Photoelectron production in an X-band RF gun for free electron laser and nonlinear electron-photon scattering experiments. , 1998, , .		0
42	A high brightness, X-band photoinjector for the production of coherent synchrotron radiation. Physics of Plasmas, 1998, 5, 2048-2054.	1.9	8
43	Compton backscattering focused x-ray source for advanced biomedical applications. Proceedings of SPIE, 1997, 2988, 52.	0.8	1
44	Cold and high power tests of a multibunch X-band photoinjector. , 1997, , .		0
45	AM and high-harmonic FM laser mode locking. Applied Optics, 1997, 36, 5908.	2.1	11
46	<title>Temporal imaging with the up-conversion time microscope</title>. , 1995, , .		1
47	Temporal magnification and reversal of 100 Gb/s optical data with an upâ€conversion time microscope. Applied Physics Letters, 1994, 65, 2513-2515.	3.3	111
48	<title>Space-time duality and temporal imaging</title>. , 1994, , .		5
49	Up-conversion time lens demonstrates 12Ã— magnification of 100 Gb/s data. , 0, , .		0
50	Ultrahigh intensity Compton scattering focused X-ray source. , 0, , .		0