Dan T Nguyen

List of Publications by Year
in descending order

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44	637	623188	642321
papers	citations	14	23
		h-index	g-index

45	45	45	621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Localization of Light in Photonics Lattices for All-Optical Representation of Binaries. Frontiers in Physics, 2021, 9, .	1.0	0
2	Quantum Walks in Periodic and Quasiperiodic Fibonacci Fibers. Scientific Reports, 2020, 10, 7156.	1.6	6
3	A Novel Approach for All Optical Representation of Binaries using Linear Photonics Lattices. , 2020, , .		0
4	Demonstration of Quantum Walks in Periodic and Quasiperiodic Fibonacci Multicore Ring Fibers. , 2020, , .		0
5	A single shot coherent Ising machine based on a network of injection-locked multicore fiber lasers. Nature Communications, 2019, 10, 3516.	5.8	53
6	Quantum Walks in Quasi-Periodic Photonics Lattices. , 2019, , .		1
7	Quantum walks in quasi-periodic arrays of waveguides. , 2019, , .		3
8	Localized quantum walks in quasi-periodic Fibonacci arrays of waveguides. Optics Express, 2019, 27, 886.	1.7	16
9	An optical Ising machine based on multi-core fiber lasers. , 2016, , .		2
10	Solitonic supercontinuum of fs mid-IR pulses in W-type index tellurite fibers with two zero dispersion wavelengths. , 2016, , .		0
11	Energy transfer and energy level decay processes of Er3+ in water-free tellurite glass. Optical Materials, 2015, 50, 268-274.	1.7	5
12	Monolithic fiber chirped pulse amplification system for millijoule femtosecond pulse generation at 155 Âµm. Optics Express, 2014, 22, 2459.	1.7	24
13	A Novel Approach for Microsensing: Detecting and Identifying Eigenmodes of Sensing Objects. Journal of Analytical & Bioanalytical Techniques, 2014, S7, .	0.6	0
14	976 nm Single-Polarization Single-Frequency Ytterbium-Doped Phosphate Fiber Amplifiers. IEEE Photonics Technology Letters, 2013, 25, 1365-1368.	1.3	14
15	High efficiency, monolithic fiber chirped pulse amplification system for high energy femtosecond pulse generation. Optics Express, 2013, 21, 25440.	1.7	17
16	Label-free, single-object sensing with a microring resonator: FDTD simulation. Optics Express, 2013, 21, 49.	1.7	21
17	Low loss, wide transparency, robust tellurite glass fibers for mid-IR (2 - 5 Î¼m) applications. Proceedings of SPIE, 2013, , .	0.8	15
18	Mid-IR supercontinuum generation in ultra-low loss, dispersion-zero shifted tellurite glass fiber with extended coverage beyond 4.5 Î¼m. Proceedings of SPIE, 2013, , .	0.8	62

#	Article	IF	Citations
19	Linear and nonlinear optical properties of Co_3O_4 nanoparticle-doped polyvinyl-alcohol thin films. Optical Materials Express, 2012, 2, 103.	1.6	58
20	976Ânm single-frequency distributed Bragg reflector fiber laser. Optics Letters, 2012, 37, 4167.	1.7	55
21	Ultra-wide mid-IR supercontinuum generation in W-type tellurite fiber pumped by 2 micron ultrashort laser. , 2012, , .		2
22	Quantitative modeling of pulse amplification in multimode cladding pumped Er-doped fiber amplifiers. , 2012, , .		0
23	High energy pulsed fiber laser transmitters in the C- and L-band for coherent lidar applications. Proceedings of SPIE, 2011, , .	0.8	6
24	220â€‰Î¼J monolithic single-frequency Q-switched fiber laser at 2â€‰Î¼mby using highly Tm-doped germanate fibers. Optics Letters, 2011, 36, 3575.	1.7	64
25	Conceptual study of a fiber-optical approach to solid-state laser cooling. Proceedings of SPIE, 2011, , .	0.8	2
26	Tellurite glass and fiber development for Mid-IR transport and supercontinuum applications. , 2011, , .		0
27	Single-frequency pulsed fiber lasers at ~1.5 Ã‚Âµm and fiber-based narrow linewidth THz sources. Proceedings of SPIE, 2010, , .	0.8	0
28	Multiple spectral window mirrors based on Fibonacci chains of dielectric layers and applications. Proceedings of SPIE, 2010, , .	0.8	1
29	Multiple spectral window mirrors based on Fibonacci chains of dielectric layers. Optics Communications, 2010, 283, 4199-4202.	1.0	12
30	Enhanced terahertz source based on external cavity difference-frequency generation using monolithic single-frequency pulsed fiber lasers. Optics Letters, 2010, 35, 2170.	1.7	17
31	Kilowatt-level stimulated-Brillouin-scattering-threshold monolithic transform-limited 100â€‰ns pulsed fiber laser at 1530â€‰nm. Optics Letters, 2010, 35, 2418.	1.7	72
32	THz Source Based on External Cavity Enhanced Difference Frequency Generation By Using Monolithic Single-frequency Pulsed Fiber Lasers. , 2010, , .		0
33	Kilowatt-level Peak Power Monolithic Fiber Amplifier for Single-Mode, Narrow Linewidth 100 ns Pulses. , 2010, , .		0
34	Multiple Photonic Band Gaps in 1D Fibonacci Systems. , 2010, , .		0
35	High-Power All-Fiber-Based Narrow-Linewidth Single-Mode Fiber Laser Pulses in the C-Band and Frequency Conversion to THz Generation. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 377-384.	1.9	64
36	Fiber-based THz sources based on monolithic single-frequency pulsed fiber lasers in the C-band. Proceedings of SPIE, 2009, , .	0.8	1

#	Article	IF	Citations
37	Fiber-Based THz Sources Based on Monolithic Single-Frequency Pulsed Fiber Lasers in the C-Band. , 2009, , .		0
38	Observation of nonlinear transmission enhancement in cavities filled with nonlinear organic materials. Applied Optics, 2008, 47, 5777.	2.1	6
39	Optical limiting in Bragg-spaced semiconductor quantum wells. , 2008, , .		1
40	A Novel Approach of Modeling Cladding-Pumped Highly Erâ€“Yb Co-Doped Fiber Amplifiers. IEEE Journal of Quantum Electronics, 2007, 43, 1018-1027.	1.0	28
41	New approach to image amplification based on an optically-pumped multi-core optical fiber. , 2006, , .		4
42	Wide field of view image amplifier based on Yb-doped multi-core phosphate optical fiber. , 2005, , .		1
43	Multimode-Pumped Monolithic Amplifier Arrays Based in Erbium-Doped Phosphate Glass. , 2003, , .		3
44	A new and powerful method of modeling cladding-pumped Er/Yb fiber amplifiers. , 2003, , .		1