

Dan T Nguyen

List of Publications by Year in descending order

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44
papers

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623188

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times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Kilowatt-level stimulated-Brillouin-scattering-threshold monolithic transform-limited 100%ns pulsed fiber laser at 1530nm. Optics Letters, 2010, 35, 2418.	1.7	72
2	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
3	220%monolithic single-frequency Q-switched fiber laser at 2%by using highly Tm-doped germanate fibers. Optics Letters, 2011, 36, 3575.	1.7	64
4	Mid-IR supercontinuum generation in ultra-low loss, dispersion-zero shifted tellurite glass fiber with extended coverage beyond 4.5 m. Proceedings of SPIE, 2013, , .	0.8	62
5	Linear and nonlinear optical properties of Co ₃ O ₄ nanoparticle-doped polyvinyl-alcohol thin films. Optical Materials Express, 2012, 2, 103.	1.6	58
6	976nm single-frequency distributed Bragg reflector fiber laser. Optics Letters, 2012, 37, 4167.	1.7	55
7	A single shot coherent Ising machine based on a network of injection-locked multicore fiber lasers. Nature Communications, 2019, 10, 3516.	5.8	53
8	A Novel Approach of Modeling Cladding-Pumped Highly Er-Yb Co-Doped Fiber Amplifiers. IEEE Journal of Quantum Electronics, 2007, 43, 1018-1027.	1.0	28
9	Monolithic fiber chirped pulse amplification system for millijoule femtosecond pulse generation at 155 m. Optics Express, 2014, 22, 2459.	1.7	24
10	Label-free, single-object sensing with a microring resonator: FDTD simulation. Optics Express, 2013, 21, 49.	1.7	21
11	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
12	High efficiency, monolithic fiber chirped pulse amplification system for high energy femtosecond pulse generation. Optics Express, 2013, 21, 25440.	1.7	17
13	Localized quantum walks in quasi-periodic Fibonacci arrays of waveguides. Optics Express, 2019, 27, 886.	1.7	16
14	Low loss, wide transparency, robust tellurite glass fibers for mid-IR (2 - 5 m) applications. Proceedings of SPIE, 2013, , .	0.8	15
15	976 nm Single-Polarization Single-Frequency Ytterbium-Doped Phosphate Fiber Amplifiers. IEEE Photonics Technology Letters, 2013, 25, 1365-1368.	1.3	14
16	Multiple spectral window mirrors based on Fibonacci chains of dielectric layers. Optics Communications, 2010, 283, 4199-4202.	1.0	12
17	Observation of nonlinear transmission enhancement in cavities filled with nonlinear organic materials. Applied Optics, 2008, 47, 5777.	2.1	6
18	High energy pulsed fiber laser transmitters in the C- and L-band for coherent lidar applications. Proceedings of SPIE, 2011, , .	0.8	6

#	ARTICLE	IF	CITATIONS
19	Quantum Walks in Periodic and Quasiperiodic Fibonacci Fibers. Scientific Reports, 2020, 10, 7156.	1.6	6
20	Energy transfer and energy level decay processes of Er ³⁺ in water-free tellurite glass. Optical Materials, 2015, 50, 268-274.	1.7	5
21	New approach to image amplification based on an optically-pumped multi-core optical fiber. , 2006, , .		4
22	Quantum walks in quasi-periodic arrays of waveguides. , 2019, , .		3
23	Multimode-Pumped Monolithic Amplifier Arrays Based in Erbium-Doped Phosphate Glass. , 2003, , .		3
24	Conceptual study of a fiber-optical approach to solid-state laser cooling. Proceedings of SPIE, 2011, , .	0.8	2
25	An optical Ising machine based on multi-core fiber lasers. , 2016, , .		2
26	Ultra-wide mid-IR supercontinuum generation in W-type tellurite fiber pumped by 2 micron ultrashort laser. , 2012, , .		2
27	Wide field of view image amplifier based on Yb-doped multi-core phosphate optical fiber. , 2005, , .		1
28	Fiber-based THz sources based on monolithic single-frequency pulsed fiber lasers in the C-band. Proceedings of SPIE, 2009, , .	0.8	1
29	Multiple spectral window mirrors based on Fibonacci chains of dielectric layers and applications. Proceedings of SPIE, 2010, , .	0.8	1
30	Quantum Walks in Quasi-Periodic Photonics Lattices. , 2019, , .		1
31	Optical limiting in Bragg-spaced semiconductor quantum wells. , 2008, , .		1
32	A new and powerful method of modeling cladding-pumped Er/Yb fiber amplifiers. , 2003, , .		1
33	Single-frequency pulsed fiber lasers at ~1.5 μm and fiber-based narrow linewidth THz sources. Proceedings of SPIE, 2010, , .	0.8	0
34	Tellurite glass and fiber development for Mid-IR transport and supercontinuum applications. , 2011, , .		0
35	Localization of Light in Photonics Lattices for All-Optical Representation of Binaries. Frontiers in Physics, 2021, 9, .	1.0	0
36	Fiber-Based THz Sources Based on Monolithic Single-Frequency Pulsed Fiber Lasers in the C-Band. , 2009, , .		0

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37	THz Source Based on External Cavity Enhanced Difference Frequency Generation By Using Monolithic Single-frequency Pulsed Fiber Lasers. , 2010, , .		0
38	Kilowatt-level Peak Power Monolithic Fiber Amplifier for Single-Mode, Narrow Linewidth 100 ns Pulses. , 2010, , .		0
39	Multiple Photonic Band Gaps in 1D Fibonacci Systems. , 2010, , .		0
40	Quantitative modeling of pulse amplification in multimode cladding pumped Er-doped fiber amplifiers. , 2012, , .		0
41	A Novel Approach for Microsensing: Detecting and Identifying Eigenmodes of Sensing Objects. Journal of Analytical & Bioanalytical Techniques, 2014, S7, .	0.6	0
42	Solitonic supercontinuum of fs mid-IR pulses in W-type index tellurite fibers with two zero dispersion wavelengths. , 2016, , .		0
43	A Novel Approach for All Optical Representation of Binaries using Linear Photonics Lattices. , 2020, , .		0
44	Demonstration of Quantum Walks in Periodic and Quasiperiodic Fibonacci Multicore Ring Fibers. , 2020, , .		0