

# Darren Rand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10702444/publications.pdf>

Version: 2024-02-01

10  
papers

314  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Temporal Vector Soliton Propagation and Collision in Birefringent Fiber. Physical Review Letters, 2007, 98, 053902.	7.8	87
2	High-energy, kHz-repetition-rate, ps cryogenic Yb:YAG chirped-pulse amplifier. Optics Letters, 2010, 35, 1752.	3.3	75
3	Cryogenic Yb <sup>3+</sup> -doped materials for pulsed solid-state laser applications [Invited]. Optical Materials Express, 2011, 1, 434.	3.0	65
4	On the Experimental Characterization of Beat Noise in 2-D Time-Spreading Wavelength-Hopping OCDMA Systems. IEEE Photonics Technology Letters, 2006, 18, 2314-2316.	2.5	34
5	100-W Q-switched Cryogenically Cooled Yb:YAG Laser. IEEE Journal of Quantum Electronics, 2010, 46, 95-98.	1.9	22
6	Quantum theory of Manakov solitons. Physical Review A, 2005, 71, .	2.5	19
7	Quantum phase noise reduction in soliton collisions and application to nondemolition measurements. Physical Review A, 2005, 72, .	2.5	8
8	Multicomponent gap solitons in superposed grating structures. Optics Letters, 2005, 30, 1695.	3.3	4
9	Demonstration of a 1.25 Gbps incoherent 2D-OCDMA communication platform with bit-to-bit code swapping. , 2006, , .		0
10	A composite Yb:YAG / Yb:GSAG cryogenically cooled amplifier for picosecond pulses*. , 2012, , .		0