Eric Y Zhu

List of Publications by Year
in descending order

29	326	840776 11	839539 18
papers	citations	h-index	g-index

29	29	29	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Generation of Polarization-Entangled Photon Pairs in a Poled Fiber. Physical Review Letters, 2012, 108, 213902.	7.8	59
2	Measurement of Ï‡^(2) symmetry in a poled fiber. Optics Letters, 2010, 35, 1530.	3.3	31
3	Correlated photon pair generation in AlGaAs nanowaveguides via spontaneous four-wave mixing. Optics Express, 2016, 24, 3365.	3.4	31
4	Continuous-wave quasi-phase-matched waveguide correlated photon pair source on a IIIâ€“V chip. Applied Physics Letters, 2013, 103, .	3.3	30
5	Compensation-free broadband entangled photon pair sources. Optics Express, 2017, 25, 22667.	3.4	27
6	Proposal for in-fiber generation of telecom-band polarization-entangled photon pairs using a periodically poled fiber. Optics Letters, 2009, 34, 2138.	3.3	20
7	High-visibility two-photon interference of frequencyâ€“time entangled photons generated in a quasi-phase-matched AlGaAs waveguide. Optics Letters, 2014, 39, 5188.	3.3	20
8	Toward a reconfigurable quantum network enabled by a broadband entangled source. Journal of the Optical Society of America B: Optical Physics, 2019, 36, B1.	2.1	20
9	Turn-key diode-pumped all-fiber broadband polarization-entangled photon source. OSA Continuum, 2018, 1, 981.	1.8	18
10	Biphoton shaping with cascaded entangled-photon sources. Npj Quantum Information, 2019, 5, .	6.7	16
11	Polarization-entangled photon pair sources based on spontaneous four wave mixing assisted by polarization mode dispersion. Scientific Reports, 2017, 7, 5785.	3.3	15
12	Alignment-free dispersion measurement with interfering biphotons. Optics Letters, 2019, 44, 1484.	3.3	9
13	Refractive-index-based ultrasound sensing with photonic crystal slabs. Optics Letters, 2019, 44, 2609.	3.3	8
14	Telecom-band hyperentangled photon pairs from a fiber-based source. Physical Review A, 2022, 105, .	2.5	8
15	Recovering the full dimensionality of hyperentanglement in collinear photon pairs. Physical Review A, 2020, 101, .	2.5	5
16	Broadband fiber-based entangled photon-pair source at telecom O-band. Optics Letters, 2021, 46, 1261.	3.3	3
17	Real-time ultrasound sensing with a mode-optimized photonic crystal slab. Optics Letters, 2021, 46, 3372.	3.3	2
18	Dispersion measurement assisted by a stimulated parametric process. Optics Letters, 2020, 45, 2034.	3.3	2

#	Article	IF	Citations
19	Franson interferometry with a single pulse. Frontiers of Optoelectronics, 2018, 11, 148-154.	3.7	1
20	Telecom-band Hyperentangled Photon Pairs from a Fiber-based Source. , 2022, , .		1
21	Type II Parametric Downconversion in a Poled Fiber. , 2011, , .		0
22	Nonlinear Frequency Generation in Poled Fibers: From Sum-Frequency to Polarization-Entangled Photon Pairs. , 2012, , .		0
23	Nonlinear Frequency Generation in Poled Fibers: From Sum-Frequency to Polarization-Entangled Photon Pairs. , 2012, , .		0
24	High-purity, Broadband, Entangled Photon Pairs Generated in Poled Silica Fibers. , 2014, , .		0
25	Direct polarization-entangled Bell state generation via spontaneous four-wave mixing in AlGaAs waveguides. , 2016, , .		0
26	Sensitizing an all-optical ultrasound sensor with a polymer overlayer. , 2020, , .		0
27	Identifying Optimal Photonic Crystal Sensor Designs with Machine Learning. , 2020, , .		0
28	Versatile Dispersion Measurement via a Reflective Nonlinear Interferometer. , 2020, , .		0
29	Entanglement TUning via Biphoton Beating. , 2020, , .		0