

Francisco Elohim Becerra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3797845/publications.pdf>

Version: 2024-02-01

15
papers

518
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental demonstration of a receiver beating the standard quantum limit for multiple nonorthogonal state discrimination. Nature Photonics, 2013, 7, 147-152.	31.4	124
2	Photon number resolution enables quantum receiver for realistic coherent optical communications. Nature Photonics, 2015, 9, 48-53.	31.4	99
3	Correlated photon pairs generated from a warm atomic ensemble. Physical Review A, 2010, 82, .	2.5	55
4	M -ary-state phase-shift-keying discrimination below the homodyne limit. Physical Review A, 2011, 84, .	2.5	55
5	Nondegenerate four-wave mixing in rubidium vapor: The diamond configuration. Physical Review A, 2008, 78, .	2.5	51
6	Optimized communication strategies with binary coherent states over phase noise channels. Npj Quantum Information, 2019, 5, .	6.7	36
7	Robust Measurement for the Discrimination of Binary Coherent States. Physical Review Letters, 2018, 121, 023603.	7.8	33
8	Multi-state discrimination below the quantum noise limit at the single-photon level. Npj Quantum Information, 2017, 3, .	6.7	26
9	Implementation of a single-shot receiver for quaternary phase-shift keyed coherent states. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 568.	2.1	13
10	Nondegenerate four-wave mixing in rubidium vapor: Transient regime. Physical Review A, 2010, 82, .	2.5	9
11	Phase tracking for sub-shot-noise-limited receivers. Physical Review Research, 2020, 2, .	3.6	8
12	Single-Shot Non-Gaussian Measurements for Optical Phase Estimation. Physical Review Letters, 2020, 125, 120505.	7.8	6
13	Demonstration of optimal non-projective measurement of binary coherent states with photon counting. Npj Quantum Information, 2022, 8, .	6.7	2
14	Channel-noise tracking for sub-shot-noise-limited receivers with neural networks. Physical Review Research, 2021, 3, .	3.6	1
15	Four-wave mixing in a diamond configuration: Experiments with rubidium vapor. , 2007, , .		0