

# Francisco Elohim Becerra

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

518  
citations

1040056

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1058476

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docs citations

15  
times ranked

381  
citing authors

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