

# Jaime Rodrigo Navarro

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

198  
citations

1307594

7  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gigabit free-space multi-level signal transmission with a mid-infrared quantum cascade laser operating at room temperature. <i>Optics Letters</i> , 2017, 42, 3646.	3.3	46
2	Comprehensive Study of Equalization-Enhanced Phase Noise in Coherent Optical Systems. <i>Journal of Lightwave Technology</i> , 2015, 33, 4834-4841.	4.6	39
3	Laser Frequency Noise in Coherent Optical Systems: Spectral Regimes and Impairments. <i>Scientific Reports</i> , 2017, 7, 844.	3.3	23
4	Impact of local oscillator frequency noise on coherent optical systems with electronic dispersion compensation. <i>Optics Express</i> , 2015, 23, 11221.	3.4	22
5	Experimental Study of 1.55- $\mu\text{m}$ EML-Based Optical IM/DD PAM-4/8 Short Reach Systems. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 523-526.	2.5	19
6	Carrier Phase Recovery Algorithms for Coherent Optical Circular mQAM Systems. <i>Journal of Lightwave Technology</i> , 2016, 34, 2717-2723.	4.6	16
7	Mitigation of EEPN in Coherent Optical Systems With Low-Speed Digital Coherence Enhancement. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1942-1945.	2.5	9
8	Blind Phase Search with Angular Quantization Noise Mitigation for Efficient Carrier Phase Recovery. <i>Photonics</i> , 2017, 4, 37.	2.0	7
9	A path to use large linewidth LO in 28 Gbd 16-QAM metro links. , 2015, , .		4
10	Equalization Enhanced Phase Noise in Coherent Optical Systems with Digital Pre- and Post-Processing. <i>Photonics</i> , 2016, 3, 12.	2.0	4
11	Two-Stage n-PSK Partitioning Carrier Phase Recovery Scheme for Circular mQAM Coherent Optical Systems. <i>Photonics</i> , 2016, 3, 37.	2.0	4
12	Design of Coherent Optical Systems Impaired by EEPN. , 2016, , .		3
13	Phase noise tolerant carrier recovery scheme for 28 Gbaud circular 16QAM. , 2015, , .		1
14	Overcoming EEPN in Coherent Transmission Systems. , 2016, , .		1
15	Advanced modulations and DSP enabling high-speed coherent communication using large linewidth lasers. , 2016, , .		0