

# Pedro Jorge Freire de Carvalho Souza

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

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citations

1684188  
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docs citations

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times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	Domain Adaptation: the Key Enabler of Neural Network Equalizers in Coherent Optical Systems. , 2022, , .		9
2	Neural Networks-Based Equalizers for Coherent Optical Transmission: Caveats and Pitfalls. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-23.	2.9	34
3	Experimental implementation of a neural network optical channel equalizer in restricted hardware using pruning and quantization. Scientific Reports, 2022, 12, .	3.3	10
4	Complex-Valued Neural Network Design for Mitigation of Signal Distortions in Optical Links. Journal of Lightwave Technology, 2021, 39, 1696-1705.	4.6	38
5	Transfer Learning for Neural Networks-Based Equalizers in Coherent Optical Systems. Journal of Lightwave Technology, 2021, 39, 6733-6745.	4.6	27
6	Performance Versus Complexity Study of Neural Network Equalizers in Coherent Optical Systems. Journal of Lightwave Technology, 2021, 39, 6085-6096.	4.6	89
7	Experimental Study of Deep Neural Network Equalizers Performance in Optical Links. , 2021, , .		4
8	Neural networks for computing and denoising the continuous nonlinear Fourier spectrum in focusing nonlinear Schrödinger equation. Scientific Reports, 2021, 11, 22857.	3.3	6