Mansoor Isvand Yousefi

List of Publications by Year
in descending order

18	944	1163117 8	1281871 11
papers	citations	h-index	g-index

18	18	18	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lower Bound on the Capacity of the Continuous-Space SSFM Model of Optical Fiber. IEEE Transactions on Information Theory, 2022, 68, 2460-2478.	2.4	1
2	Capacity-Achieving Input Distribution in Per-Sample Zero-Dispersion Model of Optical Fiber. IEEE Transactions on Information Theory, 2021, 67, 5840-5852.	2.4	2
3	Linear and Nonlinear Frequency-Division Multiplexing. IEEE Transactions on Information Theory, 2020, 66, 478-495.	2.4	25
4	Impact of Perturbations on Nonlinear Frequency-Division Multiplexing. Journal of Lightwave Technology, 2018, 36, 485-494.	4.6	22
5	The Kolmogorovâ€“Zakharov Model for Optical Fiber Communication. IEEE Transactions on Information Theory, 2017, 63, 377-391.	2.4	6
6	Multieigenvalue Communication. Journal of Lightwave Technology, 2016, 34, 3110-3117.	4.6	65
7	Upper bound on the capacity of a cascade of nonlinear and noisy channels. , 2015, , .		43
8	Nonlinear Frequency Division Multiplexed Transmissions Based on NFT. IEEE Photonics Technology Letters, 2015, 27, 1621-1623.	2.5	100
9	Upper bound on the capacity of the nonlinear Schrödinger channel. , 2015, , .		19
10	Multi-eigenvalue communication via the nonlinear Fourier transform. , 2014, , .		18
11	Information Transmission Using the Nonlinear Fourier Transform, Part III: Spectrum Modulation. IEEE Transactions on Information Theory, 2014, 60, 4346-4369.	2.4	126
12	Information Transmission Using the Nonlinear Fourier Transform, Part I: Mathematical Tools. IEEE Transactions on Information Theory, 2014, 60, 4312-4328.	2.4	242
13	Information Transmission Using the Nonlinear Fourier Transform, Part II: Numerical Methods. IEEE Transactions on Information Theory, 2014, 60, 4329-4345.	2.4	225
14	Communication over fiber-optic channels using the nonlinear Fourier transform. , 2013, , .		3
15	Integrable communication channels and the nonlinear fourier transform. , 2013, , .		1
16	The per-sample capacity of zero-dispersion optical fibers. , 2011, , .		2
17	On the Per-Sample Capacity of Nondispersive Optical Fibers. IEEE Transactions on Information Theory, 2011, 57, 7522-7541.	2.4	42
18	A Fokker-Planck differential equation approach for the zero-dispersion optical fiber channel. , 2010, , .		2