

Mansoor Isvand Yousefi

List of Publications by Year in descending order

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