Dipankar Ghosh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8921553/publications.pdf

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20	106	1478280 6	1372474 10
papers	citations	h-index	g-index

22	22	22	29
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of Self-Similar Parabolic Pulses by Designing Normal Dispersion Decreasing Fiber Amplifier as Well as Its Staircase Substitutes. Journal of Lightwave Technology, 2009, 27, 3880-3887.	2.7	26
2	Prospective use of a normally dispersive step-index chalcogenide fiber in nonlinear pulse reshaping. Applied Optics, 2018, 57, 3348.	0.9	12
3	Propagation of short soliton pulses through a parabolic index fiber with dispersion decreasing along length. Optics Communications, 2008, 281, 3361-3368.	1.0	11
4	Performance of different normal dispersion fibers to generate triangular optical pulses. Optical and Quantum Electronics, 2017, 49, 1.	1.5	8
5	Potential use of nonlinearity-induced virtual gain on parabolic pulse formation in highly nonlinear tapered fiber system. Journal of Optics (United Kingdom), 2019, 21, 045503.	1.0	7
6	Bend loss calculation in single-mode graded-index fibers using variational fields. Optics Communications, 2012, 285, 5151-5156.	1.0	6
7	Nonlinear pulse reshaping in a designed erbium-doped fiber amplifier with a multicladded index profile. Optical Engineering, 2013, 52, 086104.	0.5	6
8	Silica based highly nonlinear fibers to generate parabolic self-similar pulses. Optical and Quantum Electronics, 2015, 47, 2615-2635.	1.5	6
9	Efficient dispersion tailoring by designing alternately arranged dispersion compensating fibers and fiber amplifiers to create self-similar parabolic pulses. Optics and Laser Technology, 2010, 42, 1301-1307.	2.2	5
10	Designing a graded index depressed clad non-zero dispersion shifted optical fiber for wide band transmission system. Optik, 2008, 119, 63-68.	1.4	4
11	Parabolic pulse regeneration in normal dispersion-decreasing fibers and its equivalent substitutes in presence of third-order dispersion. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	4
12	Generation of stable temporal doublet by a single-mode silicon core optical fiber. Journal of Optics (United Kingdom), 2022, 24, 055503.	1.0	4
13	An efficient way of third-order dispersion compensation for reshaping parabolic pulses through normal dispersion fiber amplifier. Journal of Optics (United Kingdom), 2018, 20, 095503.	1.0	3
14	Modeling of a step index segmented core single mode optical fiber as a dispersion compensator. Optik, 2005, 116, 255-264.	1.4	1
15	Dispersion-Compensating Graded Index Multiclad Fiber: Optimization for Dispersion-Managed WDM Transmission Systems. Fiber and Integrated Optics, 2007, 26, 49-61.	1.7	1
16	Study of parabolic self-similar optical pulse generation in single mode fibers using variational approximation for the LP mode. Optik, 2016, 127, 8386-8393.	1.4	1
17	Designing suitable dispersion decreasing active fibers to generate parabolic pulses in presence of macrobending. Optical and Quantum Electronics, 2017, 49, 1.	1.5	1
18	Theoretical Design of Normal Dispersion Decreasing Fiber Amplifier to Obtain Self-Similar Parabolic Pulses and Its Practical Aspects. , 2008, , .		0

#	Article	IF	Citations
19	Efficient parabolic similariton geneartion by third order dispersion compensation. , 2012, , .		0
20	Interaction of a Pair of Parabolic Self-similar Pulses in Nonlinearity Varying Chalcogenide Fibers (NVCFs). Lecture Notes in Networks and Systems, 2021, , 275-281.	0.5	0