

Neng Bai

List of Publications by Year in descending order

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22
papers

1,864
citations

933447

10
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1281871

11
g-index

22
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docs citations

22
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	A Feasible Adaptive Recursive Least Square Frequency-Domain Algorithm for Equalization of Mode-Division Multiplexed Fiber Transmission. , 2015, , .		1
2	Equalizer tap length requirement for mode group delay-compensated fiber link with weakly random mode coupling. Optics Express, 2014, 22, 4247.	3.4	17
3	Space-division multiplexing: the next frontier in optical communication. Advances in Optics and Photonics, 2014, 6, 413.	25.5	606
4	Long-distance mode-division multiplexed transmission using normalized adaptive frequency-domain equalization. , 2013, , .		1
5	Supermodes in strongly-coupled multi-core fibers. , 2013, , .		6
6	Experimental demonstration of adaptive frequency-domain equalization for mode-division multiplexed transmission. , 2013, , .		13
7	Low-crosstalk Few-mode Multi-core Fiber for High-Mode-Density Space-Division Multiplexing. , 2012, , .		8
8	Adaptive frequency-domain equalization for the transmission of the fundamental mode in a few-mode fiber. Optics Express, 2012, 20, 24010.	3.4	34
9	Adaptive frequency domain equalization for mode-division multiplexed transmission. , 2012, , .		6
10	Hole-assisted few-mode multi-core fiber for high-density space-division multiplexing. , 2012, , .		7
11	Mode-division multiplexed transmission with inline few-mode fiber amplifier. Optics Express, 2012, 20, 2668.	3.4	254
12	Hole-Assisted Few-Mode Multicore Fiber for High-Density Space-Division Multiplexing. IEEE Photonics Technology Letters, 2012, 24, 1914-1917.	2.5	123
13	Optical fiber amplifiers for space-division multiplexing. Frontiers of Optoelectronics, 2012, 5, 351-357.	3.7	7
14	Adaptive Frequency-Domain Equalization for Mode-Division Multiplexed Transmission. IEEE Photonics Technology Letters, 2012, 24, 1918-1921.	2.5	56
15	6Ã—6 MIMO Transmission over 50+25+10 km Heterogeneous Spans of Few-Mode Fiber with Inline Erbium-Doped Fiber Amplifier. , 2012, , .		10
16	Experimental Study on Multimode Fiber Amplifier Using Modal Reconfigurable Pump. , 2012, , .		11
17	Multimode fiber amplifier with tunable modal gain using a reconfigurable multimode pump. , 2011, , .		7
18	Multimode fiber amplifier with tunable modal gain using a reconfigurable multimode pump. Optics Express, 2011, 19, 16601.	3.4	239

#	ARTICLE	IF	CITATIONS
19	Supermodes for optical transmission. Optics Express, 2011, 19, 16653.	3.4	166
20	88Å—3Å—112-Gb/s WDM Transmission over 50 km of Three-Mode Fiber with Inline Few Mode Fiber Amplifier. , 2011, , .		52
21	Long distance transmission in few-mode fibers. Optics Express, 2010, 18, 13250.	3.4	166
22	10 x 112Gb/s PDM-QPSK transmission over 5032 km in few-mode fibers. Optics Express, 2010, 18, 21342.	3.4	74