

# Neng Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11096679/publications.pdf>

Version: 2024-02-01

22  
papers

1,864  
citations

933447

10  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Space-division multiplexing: the next frontier in optical communication. <i>Advances in Optics and Photonics</i> , 2014, 6, 413.	25.5	606
2	Mode-division multiplexed transmission with inline few-mode fiber amplifier. <i>Optics Express</i> , 2012, 20, 2668.	3.4	254
3	Multimode fiber amplifier with tunable modal gain using a reconfigurable multimode pump. <i>Optics Express</i> , 2011, 19, 16601.	3.4	239
4	Long distance transmission in few-mode fibers. <i>Optics Express</i> , 2010, 18, 13250.	3.4	166
5	Supermodes for optical transmission. <i>Optics Express</i> , 2011, 19, 16653.	3.4	166
6	Hole-Assisted Few-Mode Multicore Fiber for High-Density Space-Division Multiplexing. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1914-1917.	2.5	123
7	10 x 112Gb/s PDM-QPSK transmission over 5032 km in few-mode fibers. <i>Optics Express</i> , 2010, 18, 21342.	3.4	74
8	Adaptive Frequency-Domain Equalization for Mode-Division Multiplexed Transmission. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1918-1921.	2.5	56
9	88Å–3Å–112-Gb/s WDM Transmission over 50 km of Three-Mode Fiber with Inline Few Mode Fiber Amplifier. , 2011, , .		52
10	Adaptive frequency-domain equalization for the transmission of the fundamental mode in a few-mode fiber. <i>Optics Express</i> , 2012, 20, 24010.	3.4	34
11	Equalizer tap length requirement for mode group delay-compensated fiber link with weakly random mode coupling. <i>Optics Express</i> , 2014, 22, 4247.	3.4	17
12	Experimental demonstration of adaptive frequency-domain equalization for mode-division multiplexed transmission. , 2013, , .		13
13	Experimental Study on Multimode Fiber Amplifier Using Modal Reconfigurable Pump. , 2012, , .		11
14	6Å–6 MIMO Transmission over 50+25+10 km Heterogeneous Spans of Few-Mode Fiber with Inline Erbium-Doped Fiber Amplifier. , 2012, , .		10
15	Low-crosstalk Few-mode Multi-core Fiber for High-Mode-Density Space-Division Multiplexing. , 2012, , .		8
16	Multimode fiber amplifier with tunable modal gain using a reconfigurable multimode pump. , 2011, , .		7
17	Hole-assisted few-mode multi-core fiber for high-density space-division multiplexing. , 2012, , .		7
18	Optical fiber amplifiers for space-division multiplexing. <i>Frontiers of Optoelectronics</i> , 2012, 5, 351-357.	3.7	7

#	ARTICLE	IF	CITATIONS
19	Adaptive frequency domain equalization for mode-division multiplexed transmission. , 2012, , .		6
20	Supermodes in strongly-coupled multi-core fibers. , 2013, , .		6
21	Long-distance mode-division multiplexed transmission using normalized adaptive frequency-domain equalization. , 2013, , .		1
22	A Feasible Adaptive Recursive Least Square Frequency-Domain Algorithm for Equalization of Mode-Division Multiplexed Fiber Transmission. , 2015, , .		1