

Jassim K Hmood

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

189
citations

1163117

8
h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical frequency comb generation based on chirping of Mach-Zehnder Modulators. Optics Communications, 2015, 344, 139-146.	2.1	30
2	Performance analysis of an all-optical OFDM system in presence of non-linear phase noise. Optics Express, 2015, 23, 3886.	3.4	22
3	Q-switched erbium-doped fiber laser based on nanodiamond saturable absorber. Optics and Laser Technology, 2022, 146, 107569.	4.6	22
4	Optimization of sintering temperature for the enhancement of pyroelectric properties of lead-free $0.88(\text{Na}0.5\text{Bi}0.5)\text{TiO}_3\text{-}0.084(\text{K}0.5\text{Bi}0.5)\text{TiO}_3\text{-}0.036\text{BaTiO}_3$ piezoelectric ceramics. Journal of Alloys and Compounds, 2016, 688, 77-87.	5.5	19
5	PAPR reduction in all-optical OFDM based on time interleaving odd and even subcarriers. Optics Communications, 2019, 437, 237-245.	2.1	12
6	Mitigation of phase noise in all-optical OFDM systems based on minimizing interaction time between subcarriers. Optics Communications, 2015, 355, 313-320.	2.1	11
7	Influence of physical dimensions on efficiency of phase-conjugated twin waves technique in coherent optical communication systems. Optics Communications, 2018, 428, 113-119.	2.1	11
8	Peak-to-average power ratio reduction in all-optical orthogonal frequency division multiplexing system using rotated constellation approach. Optical Fiber Technology, 2015, 25, 88-93.	2.7	9
9	Effectiveness of phase-conjugated twin waves on fiber nonlinearity in spatially multiplexed all-optical OFDM system. Optical Fiber Technology, 2016, 30, 147-152.	2.7	9
10	Broadband optical frequency comb generator based on driving N-cascaded modulators by Gaussian-shaped waveform. Optical Fiber Technology, 2018, 42, 75-83.	2.7	8
11	Performance analysis of mode division multiplexing system in presence of nonlinear phase noise. Optical Fiber Technology, 2020, 57, 102230.	2.7	7
12	Passively mode-locked erbium-doped fiber laser based on a nanodiamond saturable absorber. Applied Optics, 2022, 61, 4047.	1.8	7
13	Analysis and simulation of reducing nonlinear interaction by shaping envelopes of transmitted signals in mode-division multiplexing systems. Optical Engineering, 2020, 59, 1.	1.0	4
14	Effect of few-mode fiber profile on long-haul MDM transmission. AIP Conference Proceedings, 2020, , .	0.4	3
15	Performance analysis of WDM-SDM system with employing Phase-Conjugated twin waves technique. Materials Today: Proceedings, 2021, 42, 2490-2496.	1.8	3
16	A tunable optical frequency comb source using cascaded frequency modulator and Mach-Zehnder modulators. Journal of Optical Communications, 2020, .	4.7	3
17	Graphene-based Saturable Absorber for Pulsed Fiber Laser Generation. Journal of Physics: Conference Series, 2021, 1795, 012048.	0.4	2
18	Broadband ASE source for S + C + L bands using hafnia-bismuth based erbium co-doped fibers. Optik, 2022, 255, 168723.	2.9	2

#	ARTICLE	IF	CITATIONS
19	Enhanced performance of an S-band fiber laser using a thulium-doped photonic crystal fiber. Laser Physics, 2014, 24, 115201.	1.2	1
20	Performance enhancement of PCTWs technique by employing RZ-coding in phase-modulated optical communication systems. AIP Conference Proceedings, 2020, , .	0.4	1
21	Efficiency enhancement of phase-conjugated twin waves technique by shaping envelopes of subcarriers in all-optical OFDM systems. Optics Communications, 2020, 472, 125864.	2.1	1
22	Performance Analysis of All-optical PPM-mQAM Communication Systems. Journal of Physics: Conference Series, 2021, 1795, 012067.	0.4	1
23	Proposal of PPM-RZ-mQAM scheme for suppressing nonlinear phase noise in high spectral ultra-DWDM system. Optical and Quantum Electronics, 2022, 54, 1.	3.3	1
24	Reduction of Nonlinear Mode Coupling in Mode Division Multiplexing Systems Based on Wavelength Interleaving Method. Journal of Physics: Conference Series, 2021, 1795, 012071.	0.4	0
25	Minimizing modes interaction based on time interleaving method in mode division multiplexing systems. Optics Communications, 2021, 501, 127392.	2.1	0