Abdelkader Medjouri

List of Publications by Year
in descending order

13	177	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of a circular photonic crystal fiber with flattened chromatic dispersion using a defected core and selectively reduced air holes: Application to supercontinuum generation at 1.55Î¼m. Photonics and Nanostructures - Fundamentals and Applications, 2015, 16, 43-50.	2.0	24
2	Mid-infrared broadband ultraflat-top supercontinuum generation in dispersion engineered Ge-Sb-Se chalcogenide photonic crystal fiber. Optical Materials, 2019, 97, 109391.	3.6	23
3	Numerical investigation of a broadband coherent supercontinuum generation in Ga8Sb32S60 chalcogenide photonic crystal fiber with all-normal dispersion. Opto-electronics Review, 2019, 27, 1-9.	2.4	23
4	Investigation of high birefringence and chromatic dispersion management in photonic crystal fibre with square air holes. Optik, 2015, 126, 2269-2274.	2.9	21
5	Design and modelling of all-normal dispersion As39Se61 chalcogenide photonic crystal fiber for flat-top coherent mid-infrared supercontinuum generation. Optical Fiber Technology, 2019, 50, 154-164.	2.7	21
6	Analysis of a new circular photonic crystal fiber with large mode area. Optik, 2015, 126, 5718-5724.	2.9	14
7	Theoretical study of coherent supercontinuum generation in chalcohalide glass photonic crystal fiber. Optik, 2020, 219, 165178.	2.9	13
8	Design and optimization of As2S5 chalcogenide channel waveguide for coherent mid-infrared supercontinuum generation. Optik, 2018, 154, 811-820.	2.9	11
9	Discrete sliding norm transformâ€based 50% PAPR reduction in asymmetrically clipped optical OFDM systems for optical wireless communications. Electronics Letters, 2015, 51, 2128-2130.	1.0	10
10	Modelling of all-chalcogenide all-normal dispersion photonic crystal fiber for ultraflat mid-infrared supercontinuum generation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	9
11	Design of ZBLAN photonic crystal fiber with nearly zero ultra-flattened chromatic dispersion for supercontinuum generation. Optik, 2017, 135, 417-425.	2.9	5
12	CS-Based Near-Optimal MUD for Uplink Grant-Free NOMA. Wireless Personal Communications, 2021, 118, 3585-3594.	2.7	2
13	PAPR reduction in ECMAâ€368 UWB communication systems using parametric discrete sliding norm transform. International Journal of Communication Systems, 2018, 31, e3804.	2.5	1