Abdul Khaleque

List of Publications by Year
in descending order

52 papers	774 citations	516710 16 h-index	526287 27 g-index
52 all docs	52 docs citations	52 times ranked	421 citing authors

#	Article	IF	Citations
1	Broadband and Short-Length Polarization Splitter on Dual Hollow-Core Antiresonant Fiber. IEEE Photonics Technology Letters, 2022, 34, 259-262.	2.5	21
2	Low Loss Flatband THz Guidance in Nodeless Antiresonant Hollow Core Fiber. , 2022, , .		1
3	Nodeless antiresonant hollow core fiber for low loss flatband THz guidance. , 2022, 1, 1652.		8
4	Wideband Low Loss Hollow Core Fiber With Nested Hybrid Cladding Elements. Journal of Lightwave Technology, 2021, 39, 6585-6591.	4.6	39
5	Theoretical analysis of Sagnac Interferometer based highly sensitive temperature sensor on photonic crystal fiber. Sensing and Bio-Sensing Research, 2021, 31, 100396.	4.2	9
6	Low-loss single-mode modified conjoined tube hollow-core fiber. Applied Optics, 2021, 60, 6243.	1.8	20
7	Low Loss Triple Cladding Antiresonant Hollow Core Fiber. , 2021, , .		1
8	Highly Birefringent Low Losses Hollow-Core Antiresonant Fiber. , 2021, , .		4
9	Double Plasmonic Layered Electro-Absorption Modulator on Silicon Waveguide. , 2021, , .		1
10	Hybrid Conjoined Tube Hollow Core Antiresonant Fiber. , 2021, , .		1
11	Impact of Cladding Rectangular Bars on the Antiresonant Hollow Core Fiber. , 2021, , .		1
12	Gold-coated photonic crystal fiber based polarization filter for dual communication windows. Optics Communications, 2020, 461, 125293.	2.1	36
13	Low loss double cladding nested hollow core antiresonant fiber. OSA Continuum, 2020, 3, 2512.	1.8	35
14	THz spectroscopic sensing of liquid chemicals using a photonic crystal fiber. OSA Continuum, 2020, 3, 2982.	1.8	25
15	A Sagnac Interferometer and PCF Based Highly Sensitive Temperature Sensor. , 2020, , .		0
16	Sensing of Illicit Drugs and Toxic Chemicals in Terahertz Region using Photonic Crystal Fiber. , 2020, , .		2
17	Low Loss Anisotropic Nested Hollow Core Antiresonant Fiber. , 2020, , .		9
18	Highly Sensitive Plasmonic Biosensor on Photonic Crystal Fiber. , 2019, , .		0

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19	Dual-Core Photonic Crystal Fiber Plasmonic Refractive Index Sensor: A Numerical Analysis. Photonic Sensors, 2019, 9, 151-161.	5.0	57
20	Ultra-short polarization splitter based on a plasmonic dual-core photonic crystal fiber with an ultra-broad bandwidth. Applied Optics, 2019, 58, 9426.	1.8	43
21	Plasmonic Polarizer on Photonic Crystal Fiber for Two Communication Windows. , 2019, , .		0
22	Polarization Beam Splitter on Metal Nanowires Filled Micro-structured Optical Fiber. , 2019, , .		0
23	Effects of adding metals to MoS2 in a ytterbium doped Q-switched fiber laser. Optics and Laser Technology, 2018, 100, 97-102.	4.6	2
24	Twin Core Photonic Crystal Fiber Plasmonic Refractive Index Sensor. IEEE Sensors Journal, 2018, 18, 5761-5769.	4.7	119
25	Multi-layered bowtie nano-antennas. Journal of Applied Physics, 2017, 121, 133106.	2.5	13
26	Strong electric field enhancement in a gold/silica bow-tie nano-antenna. Proceedings of SPIE, 2017, , .	0.8	0
27	Plasmonic electro-absorption modulator and polarization selector. Journal of Modern Optics, 2017, 64, 1164-1174.	1.3	12
28	Composite bow-tie nano-antenna. , 2017, , .		1
29	Nano-antennas on tapered fiber: A new and flexible approach. , 2017, , .		0
30	Integration of bow-tie plasmonic nano-antennas on tapered fibers. Optics Express, 2017, 25, 8986.	3.4	29
31	A hybrid Q-switched laser with tungsten disulfide nano-particles and an acousto-optic modulator. , 2016, , .		0
32	Plasmonic mode controller and modulator. , 2016, , .		1
33	Silica/gold bi-composite layer based dipole nano-antenna. , 2016, , .		0
34	Finite-difference time-domain methods to analyze ytterbium-doped Q-switched fiber lasers. Applied Optics, 2016, 55, 1649.	2.1	15
35	Absorption enhancement in graphene photonic crystal structures. Applied Optics, 2016, 55, 2936.	2.1	23
36	Tunable Composite Grapheneâ€“Silica Pseudonoise Gratings. IEEE Photonics Technology Letters, 2016, 28, 677-680.	2.5	14

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37	Ultra-broadband and compact polarization splitter for sensing applications. , 2016, , .		2
38	Ytterbium-doped Q-switched fiber laser based upon manganese dioxide (MnO_2) saturable absorber. Applied Optics, 2016, 55, 9226.	2.1	16
39	Enhancement of optical absorption in â€˜photonic grapheneâ€™. , 2016, , .		0
40	Tunable Composite Gratings. , 2016, , .		0
41	Ultra-broadband and compact polarization splitter based on gold filled dual-core photonic crystal fiber. Journal of Applied Physics, 2015, 118, .	2.5	50
42	Giant electric field enhancement in a multilayered dipole nano-antenna. , 2015, , .		0
43	Thick multilayered (silica/gold) dipole nano-antenna. Applied Optics, 2015, 54, 10063.	2.1	15
44	Analysis of the properties of a dual-core plasmonic photonic crystal fiber polarization splitter. Applied Physics B: Lasers and Optics, 2015, 121, 523-532.	2.2	31
45	Polarizer based upon a plasmonic resonant thin layer on a squeezed photonic crystal fiber. Applied Optics, 2015, 54, 2543.	1.8	40
46	TAILORING THE PROPERTIES OF PHOTONIC NANOJETS BY CHANGING THE MATERIAL AND GEOMETRY OF THE CONCENTRATOR. Progress in Electromagnetics Research Letters, 2014, 48, 7-13.	0.7	11
47	Analysis of Asymmetric Cantor Set Multi-Layered Structure. Acta Physica Polonica A, 2014, 126, 1258-1262.	0.5	0
48	Enhancing Weak Optical Signals Using a Plasmonic Yagiâ€”Uda Nanoantenna Array. IEEE Photonics Technology Letters, 2014, 26, 2236-2239.	2.5	20
49	Composite chromium and graphene oxide as saturable absorber in ytterbium-doped Q-switched fiber lasers. Applied Optics, 2014, 53, 1173.	1.8	25
50	Controlling the electric field enhancement factor of photonic nanojets by using the magneto-optical effect. Journal of Modern Optics, 2013, 60, 1921-1925.	1.3	5
51	Experimental analysis of simple and low cost three band (C-band, Ku-band and K-band) compact patch antenna. , 2013, , .		2
52	Designing birefringence of index-guiding non-hexagonal photonic crystal fibers. Journal of Optics (India), 2011, 40, 56-64.	1.7	15