

Abdul Khaleque

List of Publications by Year in descending order

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52
papers

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52
all docs

52
docs citations

52
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Twin Core Photonic Crystal Fiber Plasmonic Refractive Index Sensor. IEEE Sensors Journal, 2018, 18, 5761-5769.	4.7	119
2	Dual-Core Photonic Crystal Fiber Plasmonic Refractive Index Sensor: A Numerical Analysis. Photonic Sensors, 2019, 9, 151-161.	5.0	57
3	Ultra-broadband and compact polarization splitter based on gold filled dual-core photonic crystal fiber. Journal of Applied Physics, 2015, 118, .	2.5	50
4	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
5	Polarizer based upon a plasmonic resonant thin layer on a squeezed photonic crystal fiber. Applied Optics, 2015, 54, 2543.	1.8	40
6	Wideband Low Loss Hollow Core Fiber With Nested Hybrid Cladding Elements. Journal of Lightwave Technology, 2021, 39, 6585-6591.	4.6	39
7	Gold-coated photonic crystal fiber based polarization filter for dual communication windows. Optics Communications, 2020, 461, 125293.	2.1	36
8	Low loss double cladding nested hollow core antiresonant fiber. OSA Continuum, 2020, 3, 2512.	1.8	35
9	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
10	Integration of bow-tie plasmonic nano-antennas on tapered fibers. Optics Express, 2017, 25, 8986.	3.4	29
11	Composite chromium and graphene oxide as saturable absorber in ytterbium-doped Q-switched fiber lasers. Applied Optics, 2014, 53, 1173.	1.8	25
12	THz spectroscopic sensing of liquid chemicals using a photonic crystal fiber. OSA Continuum, 2020, 3, 2982.	1.8	25
13	Absorption enhancement in graphene photonic crystal structures. Applied Optics, 2016, 55, 2936.	2.1	23
14	Broadband and Short-Length Polarization Splitter on Dual Hollow-Core Antiresonant Fiber. IEEE Photonics Technology Letters, 2022, 34, 259-262.	2.5	21
15	Enhancing Weak Optical Signals Using a Plasmonic Yagi-Uda Nanoantenna Array. IEEE Photonics Technology Letters, 2014, 26, 2236-2239.	2.5	20
16	Low-loss single-mode modified conjoined tube hollow-core fiber. Applied Optics, 2021, 60, 6243.	1.8	20
17	Ytterbium-doped Q-switched fiber laser based upon manganese dioxide (MnO ₂) saturable absorber. Applied Optics, 2016, 55, 9226.	2.1	16
18	Designing birefringence of index-guiding non-hexagonal photonic crystal fibers. Journal of Optics (India), 2011, 40, 56-64.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Thick multilayered (silica/gold) dipole nano-antenna. Applied Optics, 2015, 54, 10063.	2.1	15
20	Finite-difference time-domain methods to analyze ytterbium-doped Q-switched fiber lasers. Applied Optics, 2016, 55, 1649.	2.1	15
21	Tunable Composite Graphene-Silica Pseudonoise Gratings. IEEE Photonics Technology Letters, 2016, 28, 677-680.	2.5	14
22	Multi-layered bowtie nano-antennas. Journal of Applied Physics, 2017, 121, 133106.	2.5	13
23	Plasmonic electro-absorption modulator and polarization selector. Journal of Modern Optics, 2017, 64, 1164-1174.	1.3	12
24	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
25	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
26	Low Loss Anisotropic Nested Hollow Core Antiresonant Fiber. , 2020, , .		9
27	Nodeless antiresonant hollow core fiber for low loss flatband THz guidance. , 2022, 1, 1652.		8
28	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
29	Highly Birefringent Low Losses Hollow-Core Antiresonant Fiber. , 2021, , .		4
30	Experimental analysis of simple and low cost three band (C-band, Ku-band and K-band) compact patch antenna. , 2013, , .		2
31	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
32	Ultra-broadband and compact polarization splitter for sensing applications. , 2016, , .		2
33	Sensing of Illicit Drugs and Toxic Chemicals in Terahertz Region using Photonic Crystal Fiber. , 2020, , .		2
34	Plasmonic mode controller and modulator. , 2016, , .		1
35	Composite bow-tie nano-antenna. , 2017, , .		1
36	Low Loss Triple Cladding Antiresonant Hollow Core Fiber. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
37	Double Plasmonic Layered Electro-Absorption Modulator on Silicon Waveguide. , 2021, , .		1
38	Hybrid Conjoined Tube Hollow Core Antiresonant Fiber. , 2021, , .		1
39	Impact of Cladding Rectangular Bars on the Antiresonant Hollow Core Fiber. , 2021, , .		1
40	Low Loss Flatband THz Guidance in Nodeless Antiresonant Hollow Core Fiber. , 2022, , .		1
41	Analysis of Asymmetric Cantor Set Multi-Layered Structure. Acta Physica Polonica A, 2014, 126, 1258-1262.	0.5	0
42	Giant electric field enhancement in a multilayered dipole nano-antenna. , 2015, , .		0
43	A hybrid Q-switched laser with tungsten disulfide nano-particles and an acousto-optic modulator. , 2016, , .		0
44	Silica/gold bi-composite layer based dipole nano-antenna. , 2016, , .		0
45	Strong electric field enhancement in a gold/silica bow-tie nano-antenna. Proceedings of SPIE, 2017, , .	0.8	0
46	Nano-antennas on tapered fiber: A new and flexible approach. , 2017, , .		0
47	Highly Sensitive Plasmonic Biosensor on Photonic Crystal Fiber. , 2019, , .		0
48	Enhancement of optical absorption in "photonic graphene"™. , 2016, , .		0
49	Tunable Composite Gratings. , 2016, , .		0
50	Plasmonic Polarizer on Photonic Crystal Fiber for Two Communication Windows. , 2019, , .		0
51	Polarization Beam Splitter on Metal Nanowires Filled Micro-structured Optical Fiber. , 2019, , .		0
52	A Sagnac Interferometer and PCF Based Highly Sensitive Temperature Sensor. , 2020, , .		0