

Ã§aÄlar Arpali

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

347
citations

1478505

6
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Flat topped beams and their characteristics in turbulent media. Optics Express, 2006, 14, 4196.	3.4	143
2	Simulator for general-type beam propagation in turbulent atmosphere. Optics Express, 2006, 14, 8918.	3.4	84
3	High-throughput screening of large volumes of whole blood using structured illumination and fluorescent on-chip imaging. Lab on A Chip, 2012, 12, 4968.	6.0	50
4	Scintillation index of optical spherical wave propagating through biological tissue. Journal of Modern Optics, 2017, 64, 138-142.	1.3	21
5	A comparison of iterative Fourier transform algorithms for image quality estimation. Optical Review, 2018, 25, 625-637.	2.0	11
6	BER evaluations for multimode beams in underwater turbulence. Journal of Modern Optics, 0, , 1-4.	1.3	9
7	Implementation and characterization of an absorption filter for on-chip fluorescent imaging. Sensors and Actuators B: Chemical, 2017, 242, 318-323.	7.8	9
8	Bit error rate of a Gaussian beam propagating through biological tissue. Journal of Modern Optics, 2020, 67, 340-345.	1.3	7
9	Effects of focused and collimated laser beams on the performance of underwater wireless optical communication links. , 2015, , .		6
10	BER for higher order laser modes in optical wireless underwater communications. , 2016, , .		4
11	Arbitrary laser beam propagation in free space. Optics Communications, 2009, 282, 3216-3222.	2.1	2
12	Dynamic flat-topped laser beam shaping method using mixed region amplitude freedom algorithm. Applied Physics B: Lasers and Optics, 2022, 128, .	2.2	1
13	Average received intensity for optical beam of arbitrary field profile after propagation in turbulent atmosphere. , 2009, , .		0
14	High-throughput screening of blood samples based on structured illumination on-chip imaging. , 2013, , .		0
15	Fluorescent on-chip imager by using a tunable absorption filter. , 2017, , .		0