

Angarai Ganesan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

297
citations

10
h-index

17
g-index

24
ext. papers

356
ext. citations

2.9
avg, IF

3.45
L-index

#	Paper	IF	Citations
23	Nanocrystalline samarium oxide coated fiber optic gas sensor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014 , 186, 122-127	3.1	41
22	Fiber optic gas sensor with nanocrystalline ZnO. <i>Optical Fiber Technology</i> , 2014 , 20, 48-52	2.4	40
21	Fiber optic gas sensors with vanadium oxide and tungsten oxide nanoparticle coated claddings. <i>Optics Communications</i> , 2014 , 315, 74-78	2	39
20	Nanocrystalline cerium oxide coated fiber optic gas sensor. <i>Current Applied Physics</i> , 2014 , 14, 467-471	2.6	27
19	Classification of indoor daylight enhancement systems. <i>Lighting Research and Technology</i> , 2014 , 46, 245-267		25
18	Real-time comparative Digital Speckle Pattern Interferometry. <i>Optics Communications</i> , 1987 , 64, 501-506		23
17	Clad modified optical fiber gas sensors based on nanocrystalline nickel oxide embedded coatings. <i>Optical Fiber Technology</i> , 2017 , 36, 139-143	2.4	18
16	Measurement of moments for centroid estimation in Shack-Hartmann wavefront sensor using wavelet-based approach and comparison with other methods. <i>Optik</i> , 2006 , 117, 82-87	2.5	17
15	Gamma radiation impact on the fiber optic acetone gas sensing behaviour of magnesium tetraborate. <i>Optical Fiber Technology</i> , 2019 , 52, 101935	2.4	10
14	Vibration mode separation using comparative Electronic Speckle Pattern Interferometry (ESPI). <i>Optics Communications</i> , 1994 , 107, 28-34	2	10
13	Fiber optics assisted ammonia gas detection property of gamma irradiated magnesium tetraborate. <i>Sensors and Actuators A: Physical</i> , 2019 , 285, 158-164	3.9	10
12	Measurement of poisson's ratio using real-time digital speckle pattern interferometry. <i>Optics and Lasers in Engineering</i> , 1989 , 11, 265-269	4.6	7
11	Daylight enhancement using laser cut panels integrated with a profiled Fresnel collector. <i>Lighting Research and Technology</i> , 2015 , 47, 1017-1028	2	6
10	Tilt measurement using digital speckle shear interferometry. <i>Optics and Laser Technology</i> , 1992 , 24, 257-261	4.1	6
9	Conceptual design and assessment of a profiled Fresnel lens daylight collector. <i>Lighting Research and Technology</i> , 2015 , 47, 533-547	2	4
8	Increasing the sensitivity for tilt measurement using a cyclic interferometer with multiple reflections. <i>Optical Engineering</i> , 2016 , 55, 084103	1.1	3
7	Transition between rationally and irrationally related vibration modes in time-average holography. <i>Optics Communications</i> , 2000 , 174, 347-353	2	3

6	Investigation of in-plane stresses on bolted flange joints using digital speckle pattern interferometry. <i>Optics and Lasers in Engineering</i> , 1989 , 11, 257-264	4.6	3
5	Nano scale tilt measurement using a polarizing phase shifting cyclic interferometer. <i>Optics and Laser Technology</i> , 2019 , 120, 105691	4.2	2
4	High Proficient Sensing Response in Clad Modified Ceria Doped Tin Oxide Fiber Optic Toxic Gas Sensor Application. <i>Sensors and Actuators A: Physical</i> , 2021 , 113114	3.9	2
3	A novel interferometric method for simultaneous measurement of film thickness and film interface temperature for a horizontal tube falling film evaporator for MED systems. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 183, 122231	4.9	1
2	Heat transfer enhanced surfaces for horizontal tube falling film evaporator characterized using laser interferometry. <i>Applied Thermal Engineering</i> , 2022 , 210, 118303	5.8	0
1	Design of an anidolic concentrator and evaluation of daylight enhancement under an overcast sky. <i>Lighting Research and Technology</i> , 2016 , 48, 917-929	2	