

Dinesh Babu Duraibabu

List of Publications by Year in Descending Order

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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.

15
papers

246
citations

7
h-index

15
g-index

30
ext. papers

335
ext. citations

3.9
avg, IF

2.94
L-index

#	Paper	IF	Citations
15	Thermal management of solar photovoltaic panels using a fibre Bragg grating sensor-based temperature monitoring. <i>Case Studies in Thermal Engineering</i> , 2022 , 31, 101834	5.6	1
14	T-Count Optimized Quantum Circuit Designs for Single-Precision Floating-Point Division. <i>Electronics (Switzerland)</i> , 2021 , 10, 703	2.6	5
13	Review of Fiber Optical Sensors and Its Importance in Sewer Corrosion Factor Analysis. <i>Chemosensors</i> , 2021 , 9, 118	4	3
12	An Optical Fibre Depth (Pressure) Sensor for Remote Operated Vehicles in Underwater Applications. <i>Sensors</i> , 2017 , 17,	3.8	16
11	Underwater Depth and Temperature Sensing Based on Fiber Optic Technology for Marine and Fresh Water Applications. <i>Sensors</i> , 2017 , 17,	3.8	34
10	Femtosecond-Laser-Based Inscription Technique for Post-Fiber-Bragg Grating Inscription in an Extrinsic Fabry-Perot Interferometer Pressure Sensor. <i>IEEE Sensors Journal</i> , 2016 , 16, 3396-3402	4	22
9	Novel ultrahigh resolution optical fibre temperature sensor 2016 ,		1
8	Intra-Tissue Pressure Measurement in Ex Vivo Liver Undergoing Laser Ablation with Fiber-Optic Fabry-Perot Probe. <i>Sensors</i> , 2016 , 16,	3.8	17
7	Differential in vivo urodynamic measurement in a single thin catheter based on two optical fiber pressure sensors. <i>Journal of Biomedical Optics</i> , 2015 , 20, 037005	3.5	19
6	Multi FBG femtosecond laser inscription in FPI based pressure sensors for temperature distribution 2015 ,		1
5	Recent Improvement of Medical Optical Fibre Pressure and Temperature Sensors. <i>Biosensors</i> , 2015 , 5, 432-49	5.9	23
4	Optical Fibre Pressure Sensors in Medical Applications. <i>Sensors</i> , 2015 , 15, 17115-48	3.8	95
3	Underwater pressure measurement using fibre optic extrinsic Fabry-Perot interferometric (EFPI) sensors 2014 ,		1
2	Novel FBG femtosecond laser inscription method for improved FPI sensors for medical applications 2014 ,		4
1	Novel miniature pressure and temperature optical fibre sensor based on an extrinsic Fabry-Perot Interferometer (EFPI) and Fibre Bragg Gratings (FBG) for the Ocean environment 2014 ,		4