

# Dinesh Babu Duraibabu

## 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.

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