

# Manjusha Ramakrishnan

## List of Publications by Year in descending order

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17  
papers

462  
citations

1040056

9  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Fiber Optic Sensor Technologies for Strain/Temperature Sensing Applications in Composite Materials. <i>Sensors</i> , 2016, 16, 99.	3.8	255
2	Experimental Study and Analysis of a Polymer Fiber Bragg Grating Embedded in a Composite Material. <i>Journal of Lightwave Technology</i> , 2014, 32, 1726-1733.	4.6	36
3	Hybrid Fiber Optic Sensor System for Measuring the Strain, Temperature, and Thermal Strain of Composite Materials. <i>IEEE Sensors Journal</i> , 2014, 14, 2571-2578.	4.7	30
4	Whispering gallery mode micro resonators for multi-parameter sensing applications. <i>Optics Express</i> , 2018, 26, 31829.	3.4	26
5	Analysis of Vibration Measurements in a Composite Material Using an Embedded PM-PCF Polarimetric Sensor and an FBG Sensor. <i>IEEE Sensors Journal</i> , 2012, 12, 1365-1371.	4.7	21
6	A Photonic Crystal Fiber and Fiber Bragg Grating-Based Hybrid Fiber-Optic Sensor System. <i>IEEE Sensors Journal</i> , 2012, 12, 39-43.	4.7	20
7	Composite materials with embedded photonic crystal fiber interferometric sensors. <i>Sensors and Actuators A: Physical</i> , 2012, 182, 57-67.	4.1	19
8	Measurement of thermal elongation induced strain of a composite material using a polarization maintaining photonic crystal fiber sensor. <i>Sensors and Actuators A: Physical</i> , 2013, 190, 44-51.	4.1	19
9	The influence of thermal expansion of a composite material on embedded polarimetric sensors. <i>Smart Materials and Structures</i> , 2011, 20, 125002.	3.5	16
10	A hybrid fiber optic sensing system for simultaneous strain and temperature measurement and its applications. <i>Photonics Letters of Poland</i> , 2010, 2, .	0.4	9
11	Investigation of the effect of vibration amplitude on vibration measurements of polarimetric fiber sensors embedded in composite beams. <i>Smart Materials and Structures</i> , 2014, 23, 045037.	3.5	3
12	Comparison of vibration measurements in composite materials using different types of polarimetric sensors. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
13	A demodulation scheme for a hybrid fiber sensor system for composite materials. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
14	A miniaturized flexible surface attachable interrogator for hybrid optical fiber sensing. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 1167-1174.	1.4	2
15	Study of the influence of the sol-gel silica layer thickness on sensitivity of the coated silica microsphere resonator to ammonia in air. , 2018, , .		1
16	Design of a surface attachable hybrid fiber sensor packaged in a polyimide film for engineering applications. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
17	Characterization of the polarimetric sensors embedded in carbon and glass reinforced composite materials for strain/temperature measurements. , 2012, , .		0