

Paritosh Giri

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

161
citations

9
h-index

12
g-index

17
ext. papers

191
ext. citations

3.1
avg, IF

3.44
L-index

#	Paper	IF	Citations
15	Detection of Surface Crack in Concrete Using Measurement Technique With Laser Displacement Sensor. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016 , 65, 1951-1953	5.2	53
14	Advanced Smoothing Approach of RSSI and LQI for Indoor Localization System. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 195297	1.7	14
13	Non-contact inspection of construction materials using 3-axis multifunctional imaging system with microwave and laser sensing techniques. <i>IEEE Instrumentation and Measurement Magazine</i> , 2016 , 19, 6-12	1.4	12
12	Debonding detection in a carbon fibre reinforced concrete structure using guided waves. <i>Smart Materials and Structures</i> , 2019 , 28, 045020	3.4	11
11	Dual-Laser Integrated Microwave Imaging System for Nondestructive Testing of Construction Materials and Structures. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 1329-1337	5.2	11
10	Characterization of carbon fiber reinforced polymer strengthened concrete and gap detection with a piezoelectric-based sensory technique. <i>Structural Health Monitoring</i> , 2019 , 18, 172-179	4.4	11
9	Detection of Gaps in Concrete?Metal Composite Structures Based on the Feature Extraction Method Using Piezoelectric Transducers. <i>Sensors</i> , 2019 , 19,	3.8	10
8	Development of wireless laser blade deflection monitoring system for mobile wind turbine management host. <i>Journal of Intelligent Material Systems and Structures</i> , 2014 , 25, 1384-1397	2.3	10
7	Inspection of Metal and Concrete Specimens Using Imaging System with Laser Displacement Sensor. <i>Electronics (Switzerland)</i> , 2017 , 6, 36	2.6	9
6	Corrosion Inhibitory Effects of Mullite in Concrete Exposed to Sulfuric Acid Attack. <i>Corrosion and Materials Degradation</i> , 2020 , 1, 282-295	2.6	6
5	Optical Fibre Sensors for Monitoring Sewer Concrete Corrosion 2019 ,		4
4	Detection of crack in cement-based specimens using microwave imaging with the 3-axis scanning system 2016 ,		4
3	In Situ Blade Deflection Monitoring of a Wind Turbine Using a Wireless Laser Displacement Sensor Device within the Tower. <i>Key Engineering Materials</i> , 2013 , 558, 84-91	0.4	3
2	Detection of gap in concrete-metal structures using piezoelectric sensor technique 2017 ,		2
1	Migration and formation of an iron rich layer during acidic corrosion of concrete with no steel reinforcement. <i>Construction and Building Materials</i> , 2021 , 309, 125105	6.7	