

Paritosh Giri

List of Publications by Year in descending order

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17
papers

212
citations

932766

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1125271

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17
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17
docs citations

17
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Surface Crack in Concrete Using Measurement Technique With Laser Displacement Sensor. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1951-1953.	2.4	65
2	Advanced Smoothing Approach of RSSI and LQI for Indoor Localization System. International Journal of Distributed Sensor Networks, 2015, 11, 195297.	1.3	20
3	Characterization of carbon fiber reinforced polymer strengthened concrete and gap detection with a piezoelectric-based sensory technique. Structural Health Monitoring, 2019, 18, 172-179.	4.3	17
4	Inspection of Metal and Concrete Specimens Using Imaging System with Laser Displacement Sensor. Electronics (Switzerland), 2017, 6, 36.	1.8	15
5	Debonding detection in a carbon fibre reinforced concrete structure using guided waves. Smart Materials and Structures, 2019, 28, 045020.	1.8	15
6	Dual-Laser Integrated Microwave Imaging System for Nondestructive Testing of Construction Materials and Structures. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1329-1337.	2.4	14
7	Non-contact inspection of construction materials using 3-axis multifunctional imaging system with microwave and laser sensing techniques. IEEE Instrumentation and Measurement Magazine, 2016, 19, 6-12.	1.2	12
8	Development of wireless laser blade deflection monitoring system for mobile wind turbine management host. Journal of Intelligent Material Systems and Structures, 2014, 25, 1384-1397.	1.4	11
9	Detection of Gaps in Concrete-Metal Composite Structures Based on the Feature Extraction Method Using Piezoelectric Transducers. Sensors, 2019, 19, 1769.	2.1	11
10	Corrosion Inhibitory Effects of Mullite in Concrete Exposed to Sulfuric Acid Attack. Corrosion and Materials Degradation, 2020, 1, 282-295.	1.0	10
11	In Situ Blade Deflection Monitoring of a Wind Turbine Using a Wireless Laser Displacement Sensor Device within the Tower. Key Engineering Materials, 2013, 558, 84-91.	0.4	6
12	Detection of crack in cement-based specimens using microwave imaging with the 3-axis scanning system. , 2016, , .		5
13	Optical Fibre Sensors for Monitoring Sewer Concrete Corrosion. , 2019, , .		4
14	Detection of gap in concrete-metal structures using piezoelectric sensor technique. , 2017, , .		3
15	Migration and formation of an iron rich layer during acidic corrosion of concrete with no steel reinforcement. Construction and Building Materials, 2021, 309, 125105.	3.2	2
16	Assessment of Alkali-Silica Reaction Potential in Aggregates from Iran and Australia Using Thin-Section Petrography and Expansion Testing. Materials, 2022, 15, 4289.	1.3	2
17	Detection of flaws on surface of civil infrastructures and their profiling using imaging system with laser displacement sensor. , 2016, , .		0