

## 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	384 citations	8 h-index	16 g-index
16 ext. papers	541 ext. citations	5.7 avg, IF	4.11 L-index

#	Paper	IF	Citations
15	Comparative analysis of image binarization methods for crack identification in concrete structures. <i>Cement and Concrete Research</i> , <b>2017</b> , 99, 53-61	10.3	90
14	Crack and Noncrack Classification from Concrete Surface Images Using Machine Learning. <i>Structural Health Monitoring</i> , <b>2019</b> , 18, 725-738	4.4	88
13	Concrete Crack Identification Using a UAV Incorporating Hybrid Image Processing. <i>Sensors</i> , <b>2017</b> , 17,	3.8	84
12	Principles and Applications of Ultrasonic-Based Nondestructive Methods for Self-Healing in Cementitious Materials. <i>Materials</i> , <b>2017</b> , 10,	3.5	35
11	Self-healing of modified sulfur composites with calcium sulfoaluminate cement and superabsorbent polymer. <i>Composites Part B: Engineering</i> , <b>2019</b> , 162, 469-483	10	27
10	Performance assessment method for crack repair in concrete using PZT-based electromechanical impedance technique. <i>NDT and E International</i> , <b>2019</b> , 104, 90-97	4.1	16
9	Effectiveness of diffuse ultrasound for evaluation of micro-cracking damage in concrete. <i>Cement and Concrete Research</i> , <b>2019</b> , 124, 105862	10.3	11
8	Water permeability and rapid self-healing of sustainable sulfur composites using superabsorbent polymer and binary cement. <i>Construction and Building Materials</i> , <b>2020</b> , 265, 120306	6.7	10
7	Surface-Wave Based Model for Estimation of Discontinuity Depth in Concrete. <i>Sensors</i> , <b>2018</b> , 18,	3.8	6
6	Strength and toughness of hybrid steel and glass fiber-reinforced sulfur polymer composites. <i>Construction and Building Materials</i> , <b>2019</b> , 228, 116812	6.7	5
5	Crack identification method for concrete structures considering angle of view using RGB-D camera-based sensor fusion. <i>Structural Health Monitoring</i> , <b>2021</b> , 20, 500-512	4.4	4
4	Applicability of Diffuse Ultrasound to Evaluation of the Water Permeability and Chloride Ion Penetrability of Cracked Concrete. <i>Sensors</i> , <b>2018</b> , 18,	3.8	4
3	Long-term autogenous healing and re-healing performance in concrete: Evaluation using air-coupled surface-wave method. <i>Construction and Building Materials</i> , <b>2021</b> , 307, 124939	6.7	3
2	Evaluation of self-healing in concrete using linear and nonlinear resonance spectroscopy. <i>Construction and Building Materials</i> , <b>2022</b> , 335, 127492	6.7	1
1	Monitoring of self-healing in concrete with micro-capsules using a combination of air-coupled surface wave and computer-vision techniques. <i>Structural Health Monitoring</i> , 147592172110410	4.4	0