Eunjong Ahn

List of Publications by Year in Descending Order

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