

# CITATION REPORT

List of articles citing

## Automated Quality Assessment of Stone Aggregates Based on Laser Imaging and a Neural Network

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#	Paper	IF	Citations
34	Visibility Classification of Pellets in Piles for Sizing without Overlapped Particle Error. <b>2007,</b>		4
33	Using Hue, Saturation, and Value Color Space for Hydraulic Excavator Idle Time Analysis. <i>Journal of Computing in Civil Engineering</i> , <b>2007</b> , 21, 238-246	5	104
32	Identification and sizing of the entirely visible rocks from a 3D surface data segmentation of laboratory rock piles. <i>Computer Vision and Image Understanding</i> , <b>2008</b> , 111, 170-178	4.3	24
31	Artificial neural network models for predicting soil thermal resistivity. <i>International Journal of Thermal Sciences</i> , <b>2008</b> , 47, 1347-1358	4.1	70
30	Assessing Residual Value of Heavy Construction Equipment Using Predictive Data Mining Model. <i>Journal of Computing in Civil Engineering</i> , <b>2008</b> , 22, 181-191	5	30
29	Applicability of flash laser distance and ranging to three-dimensional spatial information acquisition and modeling on a construction site. <i>Canadian Journal of Civil Engineering</i> , <b>2008</b> , 35, 1331-1341	1.3	10
28	Visibility Classification of Rocks in Piles. <b>2008,</b>		3
27	Use of Artificial Neural Networks to Detect Aggregates in Poor-Quality X-Ray CT Images of Asphalt Concrete. <b>2008,</b>		5
26	Artificial neural network (ANN) models for determining hydraulic conductivity of compacted fine-grained soils. <i>Canadian Geotechnical Journal</i> , <b>2009</b> , 46, 955-968	3.2	48
25	Simulation of concrete slump using neural networks. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , <b>2009</b> , 162, 11-18	0.8	7
24	Artificial neural network models for predicting electrical resistivity of soils from their thermal resistivity. <i>International Journal of Thermal Sciences</i> , <b>2010</b> , 49, 118-130	4.1	50
23	Three-dimensional image processing methods to identify and characterise aggregates in compacted asphalt mixtures. <i>International Journal of Pavement Engineering</i> , <b>2010</b> , 11, 511-528	2.6	80
22	Object Recognition in Construction-Site Images Using 3D CAD-Based Filtering. <i>Journal of Computing in Civil Engineering</i> , <b>2010</b> , 24, 56-64	5	46
21	Minimizing profile error when estimating the sieve-size distribution of iron ore pellets using ordinal logistic regression. <i>Powder Technology</i> , <b>2011</b> , 206, 218-226	5.2	9
20	Entropy-Based Approach to Analyze and Classify Mineral Aggregates. <i>Journal of Computing in Civil Engineering</i> , <b>2011</b> , 25, 75-84	5	5
19	Aggregate shape characterization in frequency domain. <i>Construction and Building Materials</i> , <b>2012</b> , 34, 554-560	6.7	12
18	An artificial neural network model for virtual Superpave asphalt mixture design. <i>International Journal of Pavement Engineering</i> , <b>2014</b> , 15, 151-162	2.6	17

17	Imaging-Based Rating for Corrosion States of Weathering Steel Using Wavelet Transform and PSO-SVM Techniques. <i>Journal of Computing in Civil Engineering</i> , <b>2014</b> , 28, 04014008	5	15
16	Modeling Tower Crane Operator Visibility to Minimize the Risk of Limited Situational Awareness. <i>Journal of Computing in Civil Engineering</i> , <b>2014</b> , 28, 04014004	5	45
15	Artificial neural network model for predicting soil electrical resistivity. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2015</b> , 29, 1751-1759	1.6	3
14	The use of neural networks for CPT-based liquefaction screening. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2015</b> , 74, 103-116	4	27
13	ESTIMATION OF SHEAR STRENGTH PARAMETERS OF LATERITIC SOILS USING ARTIFICIAL NEURAL NETWORK. <i>Nigerian Journal of Technology</i> , <b>2016</b> , 35, 260	0.6	9
12	The use of neural networks for the prediction of cone penetration resistance of silty sands. <i>Neural Computing and Applications</i> , <b>2017</b> , 28, 727-736	4.8	10
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10	Artificial neural network prediction models of heavy metal polluted soil resistivity. <i>European Journal of Environmental and Civil Engineering</i> , <b>2019</b> , 1-21	1.5	3
9	Evaluation methods and indexes of morphological characteristics of coarse aggregates for road materials: A comprehensive review. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , <b>2019</b> , 6, 256-272	3.9	12
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