

John T Kevern

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.

18
papers

441
citations

11
h-index

18
g-index

18
ext. papers

507
ext. citations

2.7
avg, IF

3.63
L-index

#	Paper	IF	Citations
18	Cyclic Heat Island Impacts on Traditional versus Pervious Concrete Pavement Systems. <i>Transportation Research Record</i> , 2011 , 2240, 107-115	1.7	90
17	Effect of Coarse Aggregate on the Freeze-Thaw Durability of Pervious Concrete. <i>Journal of Materials in Civil Engineering</i> , 2010 , 22, 469-475	3	77
16	Temperature Behavior of Pervious Concrete Systems. <i>Transportation Research Record</i> , 2009 , 2098, 94-101	1.7	57
15	Evaluation of Pervious Concrete Workability Using Gyrotory Compaction. <i>Journal of Materials in Civil Engineering</i> , 2009 , 21, 764-770	3	41
14	Heavy metal removal capacity of individual components of permeable reactive concrete. <i>Journal of Contaminant Hydrology</i> , 2017 , 196, 52-61	3.9	34
13	Super absorbent polymers (SAPs) as physical air entrainment in cement mortars. <i>Construction and Building Materials</i> , 2017 , 147, 669-676	6.7	30
12	Construction and Performance of Pervious Concrete Overlay at Minnesota Road Research Project. <i>Transportation Research Record</i> , 2010 , 2164, 82-88	1.7	20
11	Development of Photocatalytic Pervious Concrete Pavement for Air and Storm Water Improvements. <i>Transportation Research Record</i> , 2012 , 2290, 161-167	1.7	17
10	Resistance of Portland Cement Pervious Concrete to Deicing Chemicals. <i>Transportation Research Record</i> , 2010 , 2164, 98-104	1.7	16
9	Structural Response of Pervious Concrete Pavement Systems Using Falling Weight Deflectometer Testing and Analysis. <i>Journal of Transportation Engineering</i> , 2011 , 137, 907-917		12
8	Pervious Concrete Surface Characterization to Reduce Slip-Related Falls. <i>Journal of Performance of Constructed Facilities</i> , 2012 , 26, 526-531	2	11
7	Slip-related characterization of gait kinetics: Investigation of pervious concrete as a slip-resistant walking surface. <i>Safety Science</i> , 2013 , 57, 52-59	5.8	9
6	Reducing Curing Requirements for Pervious Concrete with a Superabsorbent Polymer for Internal Curing. <i>Transportation Research Record</i> , 2012 , 2290, 115-121	1.7	9
5	Laboratory Fatigue and Toughness Evaluation of Fiber-Reinforced Concrete. <i>Transportation Research Record</i> , 2015 , 2508, 39-47	1.7	6
4	Co-fired Ghanaian clay-palm kernel shells pozzolan: Thermogravimetric, 29Si and 27Al MA NMR characteristics. <i>Construction and Building Materials</i> , 2017 , 153, 430-435	6.7	5
3	Evaluation of Surface Resistivity for Concrete Quality Assurance in Missouri. <i>Transportation Research Record</i> , 2016 , 2577, 53-59	1.7	4
2	Low-Cost Techniques for Improving the Surface Durability of Pervious Concrete. <i>Transportation Research Record</i> , 2013 , 2342, 83-89	1.7	3

- 1 Development and Guidance of Green Concrete for Leed Applications. *Journal of Green Building*, **2010**, 5, 111-120 1.3