

Taeyoung Yun

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

169
citations

1306789

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12
docs citations

12
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of Recycled Concrete Aggregate (RCA) for Hot Mix Asphalt (HMA) base layer aggregate. KSCE Journal of Civil Engineering, 2011, 15, 473-478.	0.9	45
2	Time-Temperature Superposition for HMA with Growing Damage and Permanent Strain in Confined Tension and Compression. Journal of Materials in Civil Engineering, 2010, 22, 415-422.	1.3	33
3	Experimental Investigations of the Viscoelastic and Damage Behaviors of Hot-Mix Asphalt in Compression. Journal of Materials in Civil Engineering, 2011, 23, 459-466.	1.3	24
4	Modeling of viscoplastic rate-dependent hardening-softening behavior of hot mix asphalt in compression. Mechanics of Time-Dependent Materials, 2011, 15, 89-103.	2.3	18
5	A viscoplastic constitutive model for hot mix asphalt in compression at high confining pressure. Construction and Building Materials, 2011, 25, 2733-2740.	3.2	15
6	Viscoelastoplastic modeling of the behavior of hot mix asphalt in compression. KSCE Journal of Civil Engineering, 2013, 17, 1323-1332.	0.9	13
7	A performance evaluation method of preformed joint sealant: Slip-down failure. Construction and Building Materials, 2011, 25, 1677-1684.	3.2	8
8	Micro-heterogeneous modification of an asphalt binder using a dimethylphenol and high-impact polystyrene solution. Construction and Building Materials, 2013, 49, 77-83.	3.2	5
9	Evaluation of particle simulation methods using aggregate angularity and slump tests. Construction and Building Materials, 2014, 66, 549-566.	3.2	5
10	Generalized numerical computation method of the convolution integral for rate-dependent asphalt concrete mixtures. KSCE Journal of Civil Engineering, 2011, 15, 257-260.	0.9	1
11	Fundamental Numerical Study on Subsidence of Unsaturated Soil with Various Shear Characteristics. International Journal of Highway Engineering, 2019, 21, 11-24.	0.0	1