Dae-Wook Park

List of Publications by Year
in descending order

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22 papers	514 citations	759233 12 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	421 citing authors

#	Article	IF	Citations
1	Evaluation of cracking resistance of healed warm mix asphalt based on air-void and binder content. Road Materials and Pavement Design, 2022, 23, 47-61.	4.0	10
2	Influence of Antistripping Additives and Rejuvenators on Healing Performance of Moisture-Damaged HMA. Advances in Materials Science and Engineering, 2020, 2020, 1-12.	1.8	4
3	Evaluation of the Effect of Fly Ash and Slag on the Properties of Cement Asphalt Mortar. Advances in Materials Science and Engineering, 2019, 2019, 1-10.	1.8	9
4	Effect of rejuvenators on the crack healing performance of recycled asphalt pavement by induction heating. Construction and Building Materials, 2018, 164, 246-254.	7.2	56
5	Healing Performance of Granite and Steel Slag Asphalt Mixtures Modified with Steel Wool Fibers. KSCE Journal of Civil Engineering, 2018, 22, 2064-2072.	1.9	32
6	Evaluation of Ponded Ash as a Sustainable Backfill Material. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	8
7	Crack healing performance of hot mix asphalt containing steel slag by microwaves heating. Construction and Building Materials, 2018, 180, 503-511.	7.2	82
8	Investigation of Asphalt Track Behavior Under Cyclic Loading: Full-Scale Testing and Numerical Simulation. Journal of Testing and Evaluation, 2018, 46, 934-942.	0.7	16
9	Evaluation of moisture susceptibility of asphalt mixture using liquid anti-stripping agents. Construction and Building Materials, 2017, 144, 399-405.	7.2	65
10	Evaluation of Asphalt Mixture Modified with Graphite and Carbon Fibers for Winter Adaptation: Thermal Conductivity Improvement. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	50
11	Application of Conductive Materials to Asphalt Pavement. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.8	26
12	Asphalt Mixture for the First Asphalt Concrete Directly Fastened Track in Korea. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.8	13
13	Thermal Properties of Asphalt Mixtures Modified with Conductive Fillers. Journal of Nanomaterials, 2015, 2015, 1-6.	2.7	27
14	Evaluation of air-foam stabilized soil of dredged soil waste as a pavement subgrade layer. KSCE Journal of Civil Engineering, 2015, 19, 2091-2097.	1.9	12
15	Simulation of snow melting pavement performance using measured thermal properties of graphite-modified asphalt mixture. Road Materials and Pavement Design, 2015, 16, 696-706.	4.0	26
16	Analysis of dynamic vehicle loads using vehicle pavement interaction model. KSCE Journal of Civil Engineering, 2014, 18, 2085-2092.	1.9	26
17	Simple methods for approximate estimation of rehabilitation of low volume roads. KSCE Journal of Civil Engineering, 2013, 17, 1630-1636.	1.9	0
18	Thermal properties of permeable friction asphalt mixture and estimation of temperature profiles. International Journal of Pavement Engineering, 2013, 14, 752-759.	4.4	7

#	Article	IF	Citations
19	Estimation of pavement rehabilitation cost using pavement management data. Structure and Infrastructure Engineering, 2013, 9, 458-464.	3.7	5
20	Prediction of permanent deformation in full-scale accelerated pavement testing. KSCE Journal of Civil Engineering, 2012, 16, 579-585.	1.9	3
21	Mitigating effect of chloride ions on sulfate attack of cement mortars with or without silica fume. Canadian Journal of Civil Engineering, 2008, 35, 1210-1220.	1.3	37
22	Effects of Tire Types on Predicted Pavement Service Life. Road Materials and Pavement Design, 2008, 9, 339-357.	4.0	0