

Dae-Wook Park

List of Publications by Year in descending order

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Version: 2024-02-01

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	Crack healing performance of hot mix asphalt containing steel slag by microwaves heating. Construction and Building Materials, 2018, 180, 503-511.	7.2	82
2	Evaluation of moisture susceptibility of asphalt mixture using liquid anti-stripping agents. Construction and Building Materials, 2017, 144, 399-405.	7.2	65
3	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
4	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
5	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
6	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
7	Thermal Properties of Asphalt Mixtures Modified with Conductive Fillers. Journal of Nanomaterials, 2015, 2015, 1-6.	2.7	27
8	Analysis of dynamic vehicle loads using vehicle pavement interaction model. KSCE Journal of Civil Engineering, 2014, 18, 2085-2092.	1.9	26
9	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
10	Application of Conductive Materials to Asphalt Pavement. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.8	26
11	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
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	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
14	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
15	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
16	Evaluation of Pondered Ash as a Sustainable Backfill Material. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	8
17	Thermal properties of permeable friction asphalt mixture and estimation of temperature profiles. International Journal of Pavement Engineering, 2013, 14, 752-759.	4.4	7
18	Estimation of pavement rehabilitation cost using pavement management data. Structure and Infrastructure Engineering, 2013, 9, 458-464.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Influence of Antistripping Additives and Rejuvenators on Healing Performance of Moisture-Damaged HMA. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.8	4
20	Prediction of permanent deformation in full-scale accelerated pavement testing. <i>KSCE Journal of Civil Engineering</i> , 2012, 16, 579-585.	1.9	3
21	Effects of Tire Types on Predicted Pavement Service Life. <i>Road Materials and Pavement Design</i> , 2008, 9, 339-357.	4.0	0
22	Simple methods for approximate estimation of rehabilitation of low volume roads. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 1630-1636.	1.9	0