

Hayder Kamil Shanbara

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

307
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	A laboratory study of high-performance cold mix asphalt mixtures reinforced with natural and synthetic fibres. <i>Construction and Building Materials</i> , 2018, 172, 166-175.	7.2	64
2	The mechanical evaluation of cold asphalt emulsion mixtures using a new cementitious material comprising ground-granulated blast-furnace slag and a calcium carbide residue. <i>Construction and Building Materials</i> , 2020, 250, 118808.	7.2	47
3	The future of eco-friendly cold mix asphalt. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111318.	16.4	43
4	An evaluation of the performance of hot mix asphalt containing calcium carbide residue as a filler. <i>Construction and Building Materials</i> , 2020, 261, 119918.	7.2	38
5	Predicting the rutting behaviour of natural fibre-reinforced cold mix asphalt using the finite element method. <i>Construction and Building Materials</i> , 2018, 167, 907-917.	7.2	37
6	A viscoplastic model for permanent deformation prediction of reinforced cold mix asphalt. <i>Construction and Building Materials</i> , 2018, 186, 287-302.	7.2	19
7	Rutting Prediction of a Reinforced Cold Bituminous Emulsion Mixture Using Finite Element Modelling. <i>Procedia Engineering</i> , 2016, 164, 222-229.	1.2	14
8	The Development of a New Low Carbon Binder for Construction as an Alternative to Cement. <i>Lecture Notes in Civil Engineering</i> , 2020, , 205-213.	0.4	8
9	The Impact of Cement Kiln Dust and Cement on Cold Mix Asphalt Characteristics at Different Climate. <i>Sustainability</i> , 2022, 14, 4173.	3.2	8
10	Stresses and Strains Distribution of a Developed Cold Bituminous Emulsion Mixture Using Finite Element Analysis. , 2018, , .		6
11	Characterizing the Rutting Behaviour of Reinforced Cold Mix Asphalt with Natural and Synthetic Fibres Using Finite Element Analysis. <i>Lecture Notes in Civil Engineering</i> , 2020, , 221-227.	0.4	6
12	Improving the Mechanical Properties of Cold Mix Asphalt Mixtures Reinforced by Natural and Synthetic Fibers. , 2017, , .		5
13	A Novel Emulsion-Based Mixture (EBM) Containing Ground Granulated Blast-Furnace Slag and Waste Alkaline Ca(OH) ₂ Solution. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1090, 012037.	0.6	4
14	Characterisation of Cold Bituminous Emulsion Mixtures Using Microwave Heating Process. <i>Journal of Physics: Conference Series</i> , 2021, 1973, 012239.	0.4	4
15	Effect of Polymer on the Properties of Bitumen and Pavement Layers, Case Study: Expressway No.1, Republic of Iraq. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1090, 012032.	0.6	2
16	Effect of Soluble Salts on Mechanical Properties of Granular Subgrade for Road Pavements. <i>Transportation Infrastructure Geotechnology</i> , 2022, 9, 705-727.	3.1	2