

# Hayder Kamil Shanbara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2046703/publications.pdf>

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