

# Hend Ali Omar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Comparative Study of Probabilistic and Deterministic Methods for the Direct and Indirect Costs in Life-Cycle Cost Analysis for Airport Pavements. Sustainability, 2022, 14, 3819.	3.2	3
2	Perspective of Life-Cycle Cost Analysis and Risk Assessment for Airport Pavement in Delaying Preventive Maintenance. Sustainability, 2022, 14, 2905.	3.2	7
3	Determining the Effect of Ageing of Nano-Clay Modified Bitumen Using Atomic Force Microscopy. Scientia Iranica, 2021, .	0.4	1
4	Mechanical Performance of Reclaimed Asphalt Pavement Modified with Waste Frying Oil and Crumb Rubber. Materials, 2021, 14, 2781.	2.9	13
5	The Effect of Ageing on Chemical and Strength Characteristics of Nanoclay-Modified Bitumen and Asphalt Mixture. Applied Sciences (Switzerland), 2021, 11, 6709.	2.5	11
6	Development of a Hybrid Machine Learning Model for Asphalt Pavement Temperature Prediction. IEEE Access, 2021, 9, 158041-158056.	4.2	14
7	Engineering and leaching properties of asphalt binders modified with polyurethane and Cecabase additives for warm-mix asphalt application. Construction and Building Materials, 2020, 238, 117699.	7.2	28
8	Effects of moisture damage on asphalt mixtures. Journal of Traffic and Transportation Engineering (English Edition), 2020, 7, 600-628.	4.2	56
9	Integrated finite element and artificial neural network methods for constructing asphalt concrete dynamic modulus master curve using deflection time-history data. Construction and Building Materials, 2020, 257, 119549.	7.2	12
10	Determining the water damage resistance of nano-clay modified bitumens using the indirect tensile strength and surface free energy methods. Construction and Building Materials, 2018, 167, 391-402.	7.2	39
11	Determining the effects of aging on halloysite nano-tube modified binders through the pull-off test method. Construction and Building Materials, 2016, 126, 245-252.	7.2	19
12	Investigation of the relationship between fluidity and adhesion strength of unmodified and modified bitumens using the pull-off test method. Construction and Building Materials, 2016, 122, 140-148.	7.2	18
13	Evaluating the Effect of Mixing Process on Nano-Clay Modified Binders Using the Pull-Off Test Method. Applied Mechanics and Materials, 2015, 802, 357-362.	0.2	4