

# Abubeker Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5423935/publications.pdf>

Version: 2024-02-01

19  
papers

194  
citations

1163117

8  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast layered elastic response program for the analysis of flexible pavement structures. Road Materials and Pavement Design, 2013, 14, 196-210.	4.0	51
2	Evaluation of permanent deformation models for unbound granular materials using accelerated pavement tests. Road Materials and Pavement Design, 2013, 14, 178-195.	4.0	29
3	Pavement performance follow-up and evaluation of polymer-modified test sections. International Journal of Pavement Engineering, 2019, 20, 1474-1487.	4.4	22
4	Moisture Sensitivity of Asphalt Mixtures using Cycling Pore Pressure Conditioning. Transportation Research Record, 2019, 2673, 294-303.	1.9	18
5	Viscoelastic Response Modelling of a Pavement under Moving Load. Transportation Research Procedia, 2016, 14, 748-757.	1.5	16
6	Characterisation of heavy traffic axle load spectra for mechanistic-empirical pavement design applications. International Journal of Pavement Engineering, 2015, 16, 488-501.	4.4	11
7	Evaluation of a permanent deformation model for asphalt concrete mixtures using extra-large wheel-tracking and heavy vehicle simulator tests. Road Materials and Pavement Design, 2015, 16, 154-171.	4.0	11
8	Numerical validation of viscoelastic responses of a pavement structure in a full-scale accelerated pavement test. International Journal of Pavement Engineering, 2017, 18, 47-59.	4.4	10
9	Impact of temperature and moisture on the tensile strain of asphalt concrete layers. International Journal of Pavement Engineering, 2021, 22, 1711-1719.	4.4	7
10	Experimental analysis and predictive modelling of linear viscoelastic response of asphalt mixture under dynamic shear loading. Construction and Building Materials, 2022, 328, 127095.	7.2	7
11	Precision of modal analysis to characterise the complex modulus of asphalt concrete. Road Materials and Pavement Design, 2019, 20, S217-S232.	4.0	4
12	Evaluation of rutting of asphalt concrete pavement under field-like conditions. , 0, , .		4
13	Full Scale Accelerated Pavement Tests to Evaluate the Performance of Permeable and Skeletal Soil Block Pavement Systems. , 2016, , 131-144.		2
14	Evaluation of Slag as aggregates in Asphalt Mixtures. , 0, , .		1
15	Poisson's Ratio of Asphalt Concrete Mixes Using Indirect Tensile Test. Journal of Testing and Evaluation, 2019, 47, 498-510.	0.7	1
16	Influence of Binder Properties on Dynamic Shear Response of Asphalt Mixture. RILEM Bookseries, 2022, , 1071-1078.	0.4	0
17	Monitoring Stiffness Evolution of Asphalt Concrete Through Modal Analysis. RILEM Bookseries, 2022, , 1375-1381.	0.4	0
18	Evaluation of rutting performance of asphalt mixtures using Extra-Large Wheel Tracking and 2-D imaging technique. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Shear Box Tester for Characterization of Polymer Modified Bituminous Mixtures. , 0, , .		0