

# Runhua Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8437027/publications.pdf>

Version: 2024-02-01

13  
papers

177  
citations

1163117

8  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Aging on the Viscoelastic Properties and Cracking Behavior of Asphalt Mixtures. Transportation Research Record, 2019, 2673, 406-415.	1.9	33
2	Recommendation of RILEM TC 264 RAP on the evaluation of asphalt recycling agents for hot mix asphalt. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	3.1	31
3	Correlating Laboratory Conditioning with Field Aging for Asphalt using Rheological Parameters. Transportation Research Record, 2020, 2674, 393-404.	1.9	20
4	Comparison and correlation of asphalt binder and mixture cracking parameters incorporating the aging effect. Construction and Building Materials, 2021, 301, 124075.	7.2	19
5	Evaluation of the cracking and aging susceptibility of asphalt mixtures using viscoelastic properties and master curve parameters. Journal of Traffic and Transportation Engineering (English Edition), 2022, 9, 106-119.	4.2	16
6	Development of a rheology-based mixture aging model for asphalt material cracking performance evaluation. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	13
7	Evaluation of laboratory ageing procedures on cracking performance of asphalt mixtures. Road Materials and Pavement Design, 2019, 20, S647-S662.	4.0	12
8	Development of new performance indices to evaluate the fatigue properties of asphalt binders with ageing. Road Materials and Pavement Design, 2022, 23, 377-396.	4.0	12
9	Evaluation of the correlations between laboratory measured material properties with field cracking performance for asphalt pavement. Construction and Building Materials, 2021, 301, 124126.	7.2	8
10	Using mix design information for modelling of fundamental viscoelasticity of asphalt mixtures. Construction and Building Materials, 2022, 329, 127029.	7.2	4
11	Comprehensive Laboratory Evaluation of Recycling Agent Treated Plant-Produced Asphalt Mixtures. Transportation Research Record, 2022, 2676, 620-634.	1.9	4
12	Evaluation of Viscoelastic Properties and Cracking Behaviour of Asphalt Mixtures with Laboratory Aging. RILEM Bookseries, 2019, , 33-38.	0.4	3
13	Performance Evaluation of Pelletized Solid Polymer Modified Asphalt Mixtures. Transportation Research Record, 0, , 036119812210833.	1.9	1