

Shuguang Hou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

190
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation into engineering properties and strength mechanism of grouted macadam composite materials. International Journal of Pavement Engineering, 2016, 17, 878-886.	4.4	70
2	Aggregate Gradation Influence on Grouting Results and Mix Design of Asphalt Mixture Skeleton for Semi-Flexible Pavement. Journal of Testing and Evaluation, 2017, 45, 591-600.	0.7	30
3	Investigation of micro-mechanical response of asphalt mixtures by a three-dimensional discrete element model. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 338-343.	1.0	23
4	Investigation of the micro-cracking behavior of asphalt mixtures in the indirect tensile test. Engineering Fracture Mechanics, 2016, 163, 416-425.	4.3	17
5	Stress-strain dependent rutting prediction models for multi-layer structures of asphalt mixtures. International Journal of Pavement Engineering, 2022, 23, 2728-2745.	4.4	17
6	Evaluation of rutting potential of flexible pavement structures using energy-based pseudo variables. Construction and Building Materials, 2020, 247, 118391.	7.2	13
7	Evaluation of rutting and friction resistance of hot mix asphalt concrete using an innovative vertically loaded wheel tester. Construction and Building Materials, 2018, 176, 710-719.	7.2	11
8	Detection of Dynamic Modulus and Crack Properties of Asphalt Pavement Using a Non-Destructive Ultrasonic Wave Method. Applied Sciences (Switzerland), 2019, 9, 2946.	2.5	7
9	Generation of the Two-Dimensional Discrete Element Sample of Asphalt Mixtures. Journal of Testing and Evaluation, 2016, 44, 692-698.	0.7	1
10	Relationships between Physical, Mechanical and Acoustic Properties of Asphalt Mixtures Using Ultrasonic Testing. Buildings, 2022, 12, 306.	3.1	1