

Mrinali Rochlani

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

96
citations

1684188

5
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of filler properties on the rheological, cryogenic, fatigue and rutting performance of mastics. Construction and Building Materials, 2019, 227, 116974.	7.2	27
2	Investigating the performance-related properties of crumb rubber modified bitumen using rheology-based tests. International Journal of Pavement Engineering, 2022, 23, 877-887.	4.4	16
3	Feasibility study of waste ceramic powder as a filler alternative for asphalt mastics using the DSR. Road Materials and Pavement Design, 2020, , 1-13.	4.0	15
4	A fuzzy comprehensive evaluation method to select the optimal mineral filler for optimization of the performance of asphalt mastics. Construction and Building Materials, 2021, 298, 123847.	7.2	11
5	Mechanical Testing and Modeling of Interlayer Bonding in HMA Pavements. Transportation Research Record, 2019, 2673, 879-890.	1.9	9
6	Effects of Microwave Heating and Long-Term Aging on the Rheological and Chemical Properties of Recovered Bitumen. Materials, 2021, 14, 7787.	2.9	5
7	Towards a unified performance based characterisation of bitumen and mastic using the DSR. Road Materials and Pavement Design, 2021, 22, S365-S382.	4.0	4
8	Understanding the influence of temperature and frequency on the fatigue resistance of bitumen. Construction and Building Materials, 2021, 296, 123754.	7.2	4
9	Influence of Source and Ageing on the Rheological Properties and Fatigue and Rutting Resistance of Bitumen Using a DSR. Lecture Notes in Civil Engineering, 2020, , 481-491.	0.4	4
10	Experimental Methods for the Mechanical Characterization of Asphalt Concrete at Different Length Scales: Bitumen, Mastic, Mortar and Asphalt Mixture. Lecture Notes in Applied and Computational Mechanics, 2021, , 121-161.	2.2	1