

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	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
2	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
3	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
4	Understanding the influence of temperature and frequency on the fatigue resistance of bitumen. Construction and Building Materials, 2021, 296, 123754.	7.2	4
5	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
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	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
8	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
9	Influence of filler properties on the rheological, cryogenic, fatigue and rutting performance of mastics. Construction and Building Materials, 2019, 227, 116974.	7.2	27
10	Mechanical Testing and Modeling of Interlayer Bonding in HMA Pavements. Transportation Research Record, 2019, 2673, 879-890.	1.9	9