

# M R Nivitha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8244349/publications.pdf>

Version: 2024-02-01

16  
papers

259  
citations

1478458

6  
h-index

1058452

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

233  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Influence of bitumen type and polymer dosage on the relaxation spectrum of styrene-butadiene-styrene (SBS)/styrene-butadiene (SB) modified bitumen. <i>Mechanics of Time-Dependent Materials</i> , 2023, 27, 79-98. | 4.4 | 5         |
| 2  | Influence of axle load on the fatigue life of thin whitetopping with fibre-reinforced concrete. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.   | 1.3 | 1         |
| 3  | Rheological characterisation of unmodified and modified bitumen in the 90â€“200Â°C temperature regime. <i>Road Materials and Pavement Design</i> , 2020, 21, 1341-1358.   | 4.0 | 12        |
| 4  | Viscoelastic transitions exhibited by modified and unmodified bitumen. <i>International Journal of Pavement Engineering</i> , 2020, 21, 766-780.  | 4.4 | 5         |
| 5  | Development of Rutting Model for Indian Highways Based on Rut Depth Simulations from AASHTOWare Pavement ME Design Software. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2020, 146, 04020013.  | 1.5 | 4         |
| 6  | Influence of Crude Source on the Structural Indices of Short Residue. <i>Transportation in Developing Economies</i> , 2020, 6, 1.   | 1.6 | 0         |
| 7  | Quantification of Aging Compounds in Evotherm-Modified Warm-Mix Asphalt Binder Using Fourier Transform Infrared Spectroscopy. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 8429-8437.             | 3.0 | 15        |
| 8  | Influence of refinery processing methods on ageing of bitumen. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2019, 44, 1.  | 1.3 | 2         |
| 9  | Transitions in unmodified and modified bitumen using FTIR spectroscopy. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019, 52, 1.   | 3.1 | 21        |
| 10 | Non-linear viscoelastic model based ranking of modified binders for their rutting performance. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.  | 3.1 | 7         |
| 11 | Development of Unmodified Binder Specifications for India. <i>Transportation in Developing Economies</i> , 2017, 3, 1.  | 1.6 | 2         |
| 12 | Overloading Analysis of Bituminous Pavements in India Using M-E PDG. <i>Transportation Research Procedia</i> , 2016, 17, 607-616.   | 1.5 | 3         |
| 13 | What is Transition Temperature for Bitumen and How to Measure It?. <i>Transportation in Developing Economies</i> , 2016, 2, 1.  | 1.6 | 13        |
| 14 | Ageing in modified bitumen using FTIR spectroscopy. <i>International Journal of Pavement Engineering</i> , 2016, 17, 565-577.   | 4.4 | 151       |
| 15 | Development of Pavement Temperature Contours for India. <i>Journal of the Institution of Engineers (India): Series A</i> , 2014, 95, 83-90.   | 1.2 | 17        |
| 16 | Rutting Performance of Modified Binders Based on Laboratory Tests and Structural Simulations. <i>International Journal of Pavement Research and Technology</i> , 0, , 1.  | 2.6 | 1         |