

# Punyaslok Rath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5528520/publications.pdf>

Version: 2024-02-01

14  
papers

167  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

82  
citing authors

| #  | ARTICLE                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Performance Analysis of Asphalt Mixtures Modified with Ground Tire Rubber Modifiers and Recycled Materials. Sustainability, 2019, 11, 1792.                                                                       | 3.2 | 31        |
| 2  | Developing a prediction model for rutting depth of asphalt mixtures using gene expression programming. Construction and Building Materials, 2021, 267, 120543.                                                    | 7.2 | 31        |
| 3  | Development of a balanced cracking index for asphalt mixtures tested in semi-circular bending with load-LLD measurements. Measurement: Journal of the International Measurement Confederation, 2021, 173, 108658. | 5.0 | 30        |
| 4  | Investigation of cracking mechanisms in rubber-modified asphalt through fracture testing of mastic specimens. Road Materials and Pavement Design, 2022, 23, 1544-1563.                                            | 4.0 | 18        |
| 5  | Laboratory and Field Evaluation of Pre-Treated Dry-Process Rubber-Modified Asphalt Binders and Dense-Graded Mixtures. Transportation Research Record, 2021, 2675, 381-394.                                        | 1.9 | 15        |
| 6  | A deep learning approach to predict Hamburg rutting curve. Road Materials and Pavement Design, 2021, 22, 2159-2180.                                                                                               | 4.0 | 11        |
| 7  | Recycled asphalt shingle modified asphalt mixture design and performance evaluation. Journal of Traffic and Transportation Engineering (English Edition), 2020, 7, 205-214.                                       | 4.2 | 10        |
| 8  | Investigation of recycled asphalt mixtures in Missouri: laboratory, field, and ILLI-TC modelling. Road Materials and Pavement Design, 2022, 23, 1345-1369.                                                        | 4.0 | 6         |
| 9  | Evaluation of the Effects of Engineered Crumb Rubber (ECR) on Asphalt Mixture Characteristics. Journal of Testing and Evaluation, 2022, 50, 20210077.                                                             | 0.7 | 5         |
| 10 | Development of a Performance-Related Framework for Asphalt Mixture Design for the Illinois Tollway. Transportation Research Record, 0, , 036119812110148.                                                         | 1.9 | 4         |
| 11 | Demonstration Project for Ground Tire Rubber and Post-Consumer Recycled Plastic-Modified Asphalt Mixtures. Transportation Research Record, 2022, 2676, 468-482.                                                   | 1.9 | 3         |
| 12 | Advances in Pavement Performance Enhancement with Dry Process Engineered Ground Tire Rubber. , 2021, , .                                                                                                          |     | 1         |
| 13 | Evaluation of Engineered Crumb Rubber (ECR) Performance Characteristics, Including Warm-Mix Equivalence with Polymer, Draindown Prevention, and Release Enhancement. RILEM Bookseries, 2022, , 779-785.           | 0.4 | 1         |
| 14 | Performance grade of asphalt mixtures based on mixture performance test thresholds. Construction and Building Materials, 2021, 302, 124357.                                                                       | 7.2 | 1         |