

H Zakeri

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

632
citations

840585

11
h-index

642610

23
g-index

28
all docs

28
docs citations

28
times ranked

508
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An image-based system for asphalt pavement bleeding inspection. International Journal of Pavement Engineering, 2022, 23, 4080-4096. | 2.2 | 18 |
| 2 | Prediction model of crash severity in imbalanced dataset using data leveling methods and metaheuristic optimization algorithms. International Journal of Crashworthiness, 2022, 27, 1869-1882. | 1.1 | 10 |
| 3 | Automatic pavement texture measurement using a new 3D image-based profiling system. Measurement: Journal of the International Measurement Confederation, 2022, 199, 111456. | 2.5 | 2 |
| 4 | An image-based system for pavement crack evaluation using transfer learning and wavelet transform. International Journal of Pavement Research and Technology, 2021, 14, 437-449. | 1.3 | 28 |
| 5 | Pavement maintenance and rehabilitation optimization based on cloud decision tree. International Journal of Pavement Research and Technology, 2021, 14, 740-750. | 1.3 | 6 |
| 6 | Evaluation of low and intermediate temperatures fracture indices for modified Warm mix asphalt (WMA) using edge notched disc bend (ENDB) specimen. Theoretical and Applied Fracture Mechanics, 2021, 116, 103137. | 2.1 | 23 |
| 7 | A Brief Overview and New Knowledge Based System for Rail Direct Fastening Evaluation Using Digital Image Processing. Archives of Computational Methods in Engineering, 2020, 27, 691-709. | 6.0 | 8 |
| 8 | A Brief Review and a New Automatic Method for Interpretation of Polypropylene Modified Bitumen Based on Fuzzy Radon Transform and Watershed Segmentation. Archives of Computational Methods in Engineering, 2020, 27, 773-803. | 6.0 | 4 |
| 9 | A Survey on Pavement Sectioning in Network Level and an Intelligent Homogeneous Method by Hybrid PSO and GA. Archives of Computational Methods in Engineering, 2020, 27, 977-997. | 6.0 | 5 |
| 10 | Computational intelligence for modeling of asphalt pavement surface distress. , 2020, , 79-116. | | 12 |
| 11 | Investigating the healing capability of asphalt modified with nano-zyncotherm and Forta fibers. Case Studies in Construction Materials, 2019, 11, e00235. | 0.8 | 5 |
| 12 | A Brief Review on Acoustic Analysis in Quality Evaluation and a New Method for Determining Bulk Density of Aggregate. Archives of Computational Methods in Engineering, 2019, 26, 1577-1591. | 6.0 | 2 |
| 13 | An Overview of Multiresolution Analysis for Nondestructive Evaluation of Pavement Surface Drainage. Archives of Computational Methods in Engineering, 2019, 26, 143-161. | 6.0 | 5 |
| 14 | General 3-D Type-II Fuzzy Logic Systems in the Polar Frame: Concept and Practice. IEEE Transactions on Fuzzy Systems, 2019, 27, 621-634. | 6.5 | 2 |
| 15 | A hybrid clustering and classification approach for predicting crash injury severity on rural roads. International Journal of Injury Control and Safety Promotion, 2018, 25, 85-101. | 1.0 | 9 |
| 16 | Evaluation of pavement surface drainage using an automated image acquisition and processing system. Automation in Construction, 2018, 86, 240-255. | 4.8 | 29 |
| 17 | Solar pavement: A new emerging technology. Solar Energy, 2017, 149, 272-284. | 2.9 | 77 |
| 18 | Image Based Techniques for Crack Detection, Classification and Quantification in Asphalt Pavement: A Review. Archives of Computational Methods in Engineering, 2017, 24, 935-977. | 6.0 | 164 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Automatic image acquisition with knowledge-based approach for multi-directional determination of skid resistance of pavements. Automation in Construction, 2016, 71, 414-429. | 4.8 | 19 |
| 20 | Rahbin: A quadcopter unmanned aerial vehicle based on a systematic image processing approach toward an automated asphalt pavement inspection. Automation in Construction, 2016, 72, 211-235. | 4.8 | 52 |
| 21 | Hybrid PSO and GA approach for optimizing surveyed asphalt pavement inspection units in massive network. Automation in Construction, 2016, 71, 325-345. | 4.8 | 31 |
| 22 | Hybrid Meta-heuristic Application in the Asphalt Pavement Management System. Modeling and Optimization in Science and Technologies, 2016, , 135-164. | 0.7 | 1 |
| 23 | Pseudo semi-supervised general type-ii fuzzy clustering. , 2014, , . | | 0 |
| 24 | A new automatic MF generator (AMFG) for general 3D type-ii fuzzy in the polar frame. , 2014, , . | | 4 |
| 25 | An expert system based on wavelet transform and radon neural network for pavement distress classification. Expert Systems With Applications, 2011, 38, 7088-7101. | 4.4 | 52 |
| 26 | An optimum feature extraction method based on Waveletâ€“Radon Transform and Dynamic Neural Network for pavement distress classification. Expert Systems With Applications, 2011, 38, 9442-9460. | 4.4 | 62 |
| 27 | A new automatic image-based system for measuring of prime/tack coating. International Journal of Pavement Engineering, 0, , 1-17. | 2.2 | 1 |
| 28 | An improved multiresolution technique for pavement texture image evaluating. Multimedia Tools and Applications, 0, , 1. | 2.6 | 1 |