

# H Zakeri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6951374/publications.pdf>

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	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
2	Solar pavement: A new emerging technology. Solar Energy, 2017, 149, 272-284.	2.9	77
3	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
4	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
5	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
6	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
7	Evaluation of pavement surface drainage using an automated image acquisition and processing system. Automation in Construction, 2018, 86, 240-255.	4.8	29
8	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
9	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
10	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
11	An image-based system for asphalt pavement bleeding inspection. International Journal of Pavement Engineering, 2022, 23, 4080-4096.	2.2	18
12	Computational intelligence for modeling of asphalt pavement surface distress. , 2020, , 79-116.		12
13	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
14	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
15	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
16	Pavement maintenance and rehabilitation optimization based on cloud decision tree. International Journal of Pavement Research and Technology, 2021, 14, 740-750.	1.3	6
17	Investigating the healing capability of asphalt modified with nano-zycotherm and Forta fibers. Case Studies in Construction Materials, 2019, 11, e00235.	0.8	5
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	A new automatic MF generator (AMFG) for general 3D type-ii fuzzy in the polar frame. , 2014, , .		4
21	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
22	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
23	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
24	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
25	Hybrid Meta-heuristic Application in the Asphalt Pavement Management System. Modeling and Optimization in Science and Technologies, 2016, , 135-164.	0.7	1
26	A new automatic image-based system for measuring of prime/tack coating. International Journal of Pavement Engineering, 0, , 1-17.	2.2	1
27	An improved multiresolution technique for pavement texture image evaluating. Multimedia Tools and Applications, 0, , 1.	2.6	1
28	Pseudo semi-supervised general type-ii fuzzy clustering. , 2014, , .		0