

# Shi Qiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7696971/publications.pdf>

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21  
papers

287  
citations

1162367

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887659

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matched Filtering Algorithm for Pavement Cracking Detection. Transportation Research Record, 2013, 2367, 30-42.	1.0	60
2	Pavement Crack Width Measurement Based on Laplace's Equation for Continuity and Unambiguity. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 110-123.	6.3	52
3	A comparative study of funnel shape bottlenecks in subway stations. Transportation Research, Part A: Policy and Practice, 2017, 98, 14-27.	2.0	41
4	Cracking Classification Using Minimum Rectangular Coverâ€‘Based Support Vector Machine. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	30
5	Methodology for Accurate AASHTO PP67-10â€‘Based Cracking Quantification Using 1-mm 3D Pavement Images. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	17
6	A Nonballasted Rail Track Slab Crack Identification Method Using a Levelâ€‘Setâ€‘Based Active Contour Model. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 571-584.	6.3	14
7	A Data-Driven Method for Comprehensive Pavement-Condition Ranking. Journal of Infrastructure Systems, 2016, 22, .	1.0	11
8	A comprehensive system for AASHTO PP67-10 based asphalt surfaced pavement cracking evaluation. Canadian Journal of Civil Engineering, 2016, 43, 260-269.	0.7	10
9	A comprehensive system for AASHTO PP69-10-based pavement rut evaluation using 1-mm 3D pavement surface model. International Journal of Pavement Engineering, 2018, 19, 489-501.	2.2	9
10	Behavior Evolution of Multi-Group in the Process of Pedestrian Crossing Based on Evolutionary Game Theory. Sustainability, 2021, 13, 2009.	1.6	7
11	Evaluation and optimisation of stone matrix asphalt (SMA-13) mix design using weight-matrix method. Road Materials and Pavement Design, 2016, 17, 958-967.	2.0	5
12	Detecting Pavement Joints and Grooves with Improved 3D Shadow Modeling. Journal of Computing in Civil Engineering, 2018, 32, .	2.5	5
13	Investigation of seasonal variations of Beijing pavement condition data using unevenly spaced dynamic panel data model. International Journal of Pavement Engineering, 2018, 19, 851-856.	2.2	5
14	Optimization Design of X-ray Conveyer Belt Length for Subway Security Check Systems in Beijing, China. Sustainability, 2020, 12, 2133.	1.6	5
15	An anisotropic heat diffusion model for enhancing the extraction of underground rail track fasteners under extremely low and uneven illumination conditions. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2019, 233, 410-419.	1.3	4
16	Review of Emerging Technologies and Issues in Rail and Track Inspection for Local Lines in the United States. Journal of Transportation Engineering Part A: Systems, 2021, 147, .	0.8	4
17	Impact on pedestrian flow of bends in passenger access tunnels. Proceedings of the Institution of Civil Engineers: Transport, 2018, 171, 339-348.	0.3	3
18	Paced Inspection Process Design of Security Check System in Beijing Subway. Transportation Research Record, 2017, 2604, 95-103.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Human Personality Based Investigation on Distance Threshold for Freeway Landscape Pattern. Transportation Research Record, 2018, 2672, 52-60.	1.0	1
20	The Predictability of Short-Term Urban Rail Demand: Choice of Time Resolution and Methodology. Sustainability, 2019, 11, 6173.	1.6	1
21	Does Policy Matter in Carsharing Traveling? Evolution Game Model-Based Carsharing and Private Car Study. Journal of Advanced Transportation, 2022, 2022, 1-17.	0.9	1