

# Yaning Qiao

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

902  
citations

471061

17  
h-index

476904

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of COVID-19 pandemic on mobility in ten countries and associated perceived risk for all transport modes. PLoS ONE, 2021, 16, e0245886.	1.1	155
2	Examining Effects of Climatic Factors on Flexible Pavement Performance and Service Life. Transportation Research Record, 2013, 2349, 100-107.	1.0	81
3	Environmental aspects and pavement properties of red mud waste as the replacement of mineral filler in asphalt mixture. Construction and Building Materials, 2018, 180, 605-613.	3.2	70
4	Flexible Pavements and Climate Change: A Comprehensive Review and Implications. Sustainability, 2020, 12, 1057.	1.6	53
5	Evaluating the effects of climate change on road maintenance intervention strategies and Life-Cycle Costs. Transportation Research, Part D: Transport and Environment, 2015, 41, 492-503.	3.2	46
6	A survey dataset to evaluate the changes in mobility and transportation due to COVID-19 travel restrictions in Australia, Brazil, China, Ghana, India, Iran, Italy, Norway, South Africa, United States. Data in Brief, 2020, 33, 106459.	0.5	43
7	Climate change impacts on asphalt road pavement construction and maintenance: An economic life cycle assessment of adaptation measures in the State of Virginia, United States. Journal of Industrial Ecology, 2020, 24, 342-355.	2.8	41
8	Promoting sustainable development: The impact of differences in cultural values on residents' pro-environmental behaviors. Sustainable Development, 2020, 28, 1539-1553.	6.9	37
9	How does COVID-19 emergency cognition influence public pro-environmental behavioral intentions? An affective event perspective. Resources, Conservation and Recycling, 2021, 168, 105467.	5.3	37
10	How the COVID-19 Outbreak Affected Organizational Citizenship Behavior in Emergency Construction Megaprojects: Case Study from Two Emergency Hospital Projects in Wuhan, China. Journal of Management in Engineering - ASCE, 2021, 37, .	2.6	35
11	Influencing Mechanism of Job Satisfaction on Safety Behavior of New Generation of Construction Workers Based on Chinese Context: The Mediating Roles of Work Engagement and Safety Knowledge Sharing. International Journal of Environmental Research and Public Health, 2020, 17, 8361.	1.2	26
12	Exploring the adoption of BIM amidst the COVID-19 crisis in China. Building Research and Information, 2021, 49, 930-947.	2.0	25
13	Energy performance and life cycle cost assessments of a photovoltaic/thermal assisted heat pump system. Energy, 2020, 206, 118108.	4.5	24
14	BIM-VE-Based Optimization of Green Building Envelope from the Perspective of both Energy Saving and Life Cycle Cost. Sustainability, 2020, 12, 7862.	1.6	23
15	Promoting Employee Green Behavior Through the Person-Organization Fit: The Moderating Effect of Psychological Distance. Frontiers in Psychology, 2020, 11, 568385.	1.1	23
16	Calculating rutting of some thin flexible pavements from repeated load triaxial test data. International Journal of Pavement Engineering, 2015, 16, 467-476.	2.2	22
17	Influence Mechanism of Organizational Flexibility on Enterprise Competitiveness: The Mediating Role of Organizational Innovation. Sustainability, 2021, 13, 176.	1.6	20
18	Air pollution perception in ten countries during the COVID-19 pandemic. Ambio, 2022, 51, 531-545.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Life Cycle Costs Analysis of Reclaimed Asphalt Pavement (RAP) Under Future Climate. Sustainability, 2019, 11, 5414.	1.6	16
20	Survey data regarding perceived air quality in Australia, Brazil, China, Ghana, India, Iran, Italy, Norway, South Africa, United States before and during Covid-19 restrictions. Data in Brief, 2020, 32, 106169.	0.5	15
21	Life cycle cost of flexible pavements and climate variability: case studies from Virginia. Structure and Infrastructure Engineering, 2019, 15, 1665-1679.	2.0	13
22	Assessing the effect of non-financial information intervention on promoting group-level energy savings. Science of the Total Environment, 2020, 720, 137533.	3.9	12
23	Decision Tree for Postflooding Roadway Operations. Transportation Research Record, 2017, 2604, 120-130.	1.0	11
24	Assessing impacts of climate change on flexible pavement service life based on Falling Weight Deflectometer measurements. Physics and Chemistry of the Earth, 2020, 120, 102908.	1.2	11
25	Impacts of future climate change on flexible road pavement economics: A life cycle costs analysis of 24 case studies across the United States. Sustainable Cities and Society, 2022, 80, 103773.	5.1	11
26	Research on Lean Planning and Optimization for Precast Component Production Based on Discrete Event Simulation. Advances in Civil Engineering, 2020, 2020, 1-14.	0.4	8
27	Analysis of Factors Affecting the Quality of Precast Components Based on Structural Equation Modeling. Arabian Journal for Science and Engineering, 2022, 47, 4171-4185.	1.7	7
28	Exploring the Possibility of Using Ionic Copolymer Poly (Ethylene-co-Methacrylic) Acid as Modifier and Self-Healing Agent in Asphalt Binder and Mixture. Applied Sciences (Switzerland), 2020, 10, 426.	1.3	6
29	Development of Time-Depth-Damage Functions for Flooded Flexible Pavements. Journal of Transportation Engineering Part B: Pavements, 2022, 148, .	0.8	6
30	Immediate effects of some corrective maintenance interventions on flexible pavements. International Journal of Pavement Engineering, 2018, 19, 502-508.	2.2	4
31	State-of-the-art review of 3DPV technology: Structures and models. Energy Conversion and Management, 2019, 200, 112130.	4.4	2
32	Synergetic Order Parameter Identification of Prefabricated Building Projects Based on Main Theme Analysis. Arabian Journal for Science and Engineering, 2022, 47, 5109-5123.	1.7	2
33	Laboratory Evaluation on Performance of Fiber-Modified Asphalt Mixtures Containing High Percentage of RAP. Advances in Civil Engineering, 2020, 2020, 1-9.	0.4	0