

# Gongyun Liao

## List of Publications by Year in descending order

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13  
papers

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citations

1040056

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1199594

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times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the mechanical performance of poroelastic road surface with low polyurethane content through surface activation. <i>Construction and Building Materials</i> , 2022, 323, 126543.	7.2	5
2	Damage Evaluation of Poro-Elastic Road Surface with Low Polyurethane Content. <i>Journal of Testing and Evaluation</i> , 2021, 49, 134-146.	0.7	2
3	Directional distribution of three-dimensional connected voids in porous asphalt mixture and flow simulation of permeability anisotropy. <i>International Journal of Pavement Engineering</i> , 2020, 21, 1550-1562.	4.4	24
4	Mechanical Properties of Poroelastic Road Surface with Different Material Compositions. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	10
5	Shear Strength between Poroelastic Road Surface and Sublayer with Different Bonding Agents. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	20
6	Development of shape memory polyurethane based sealant for concrete pavement. <i>Construction and Building Materials</i> , 2018, 174, 474-483.	7.2	47
7	Assessment of influence of self-healing behavior on water permeability and mechanical performance of ECC incorporating superabsorbent polymer (SAP) particles. <i>Construction and Building Materials</i> , 2018, 170, 455-465.	7.2	44
8	Enhancing anti-rutting performance of asphalt pavement by dispersing shear stresses within asphalt layers. <i>Road Materials and Pavement Design</i> , 2018, 19, 453-469.	4.0	8
9	Tyre–pavement interaction noise levels related to pavement surface characteristics. <i>Road Materials and Pavement Design</i> , 2018, 19, 1044-1056.	4.0	30
10	Modeling and Optimization of Acoustic Absorption for Porous Asphalt Concrete. <i>Journal of Engineering Mechanics - ASCE</i> , 2016, 142, .	2.9	36
11	Temperature Effects on the Correlations between Tire-Pavement Noises and Pavement Surface Characteristics. , 2015, , .		3
12	The effects of pavement surface characteristics on tire/pavement noise. <i>Applied Acoustics</i> , 2014, 76, 14-23.	3.3	58
13	Unilateral heat-transfer asphalt pavement for permafrost protection. <i>Cold Regions Science and Technology</i> , 2012, 71, 129-138.	3.5	18