Gongyun Liao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1512755/publications.pdf

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13	305	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	288
all docs	docs citations	times ranked	citing authors

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