

# Fangyuan Gong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2026502/publications.pdf>

Version: 2024-02-01

13  
papers

481  
citations

858243

12  
h-index

1255698

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g-index

13  
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13  
docs citations

13  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and evaluation of morphological features for aggregate in asphalt mixture: A review. <i>Construction and Building Materials</i> , 2021, 273, 121989.	3.2	26
2	Performance evaluation of asphalt mixture using polyethylene glycol polyacrylamide graft copolymer as solid phase change materials. <i>Construction and Building Materials</i> , 2021, 300, 124221.	3.2	25
3	Effect of polyethylene glycol/polyacrylamide graft copolymerization phase change materials on the performance of asphalt mixture for road engineering. <i>Journal of Materials Research and Technology</i> , 2021, 15, 1970-1983.	2.6	25
4	Functional Materials Based on Active Carbon and Titanium Dioxide in Fog Seal. <i>Materials</i> , 2020, 13, 5267.	1.3	3
5	Rheological properties and chemical characterisation of reacted and activated rubber modified asphalt binder. <i>Road Materials and Pavement Design</i> , 2020, 21, S140-S154.	2.0	14
6	Determining Aggregate Grain Size Using Discrete-Element Models of Sieve Analysis. <i>International Journal of Geomechanics</i> , 2019, 19, .	1.3	19
7	Use of reacted and activated rubber in ultra-thin hot mixture asphalt overlay for wet-freeze climates. <i>Journal of Cleaner Production</i> , 2019, 232, 369-378.	4.6	45
8	Strength and durability of dry-processed stone matrix asphalt containing cement pre-coated scrap tire rubber particles. <i>Construction and Building Materials</i> , 2019, 214, 475-483.	3.2	26
9	Material selections in asphalt pavement for wet-freeze climate zones: A review. <i>Construction and Building Materials</i> , 2019, 201, 510-525.	3.2	33
10	Aggregate Morphological Characterization with 3D Optical Scanner versus X-Ray Computed Tomography. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	1.3	39
11	Using discrete element models to track movement of coarse aggregates during compaction of asphalt mixture. <i>Construction and Building Materials</i> , 2018, 189, 338-351.	3.2	75
12	Lab assessment and discrete element modeling of asphalt mixture during compaction with elongated and flat coarse aggregates. <i>Construction and Building Materials</i> , 2018, 182, 573-579.	3.2	65
13	Discrete element modeling of realistic particle shapes in stone-based mixtures through MATLAB-based imaging process. <i>Construction and Building Materials</i> , 2017, 143, 169-178.	3.2	86