Asmus Skar

List of Publications by Year
in descending order

13 papers	86 citations	1684188 5 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	63 citing authors

#	Article	IF	Citations
1	A simple model for fatigue crack growth in concrete applied to a hinge beam model. Engineering Fracture Mechanics, 2017, 181, 38-51.	4.3	22
2	3-D cohesive finite element model for application in structural analysis of heavy duty composite pavements. Construction and Building Materials, 2015, 101, 417-431.	7.2	12
3	Live Road Condition Assessment with Internal Vehicle Sensors. Transportation Research Record, 2021, 2675, 1442-1452.	1.9	11
4	ALVA: An adaptive MATLAB package for layered viscoelastic analysis. Journal of Open Source Software, 2020, 5, 2548.	4.6	8
5	General cracked-hinge model for simulation of low-cycle damage in cemented beams on soil. Engineering Fracture Mechanics, 2017, 175, 324-338.	4.3	6
6	Analytic pavement modelling with a fragmented layer. International Journal of Pavement Engineering, 2022, 23, 1108-1120.	4.4	6
7	Analysis of a moving measurement platform based on line profile sensors for project-level pavement evaluation. Road Materials and Pavement Design, 2021, 22, 2069-2085.	4.0	6
8	Load-Independent Characterization of Plate Foundation Support Using High-Resolution Distributed Fiber-Optic Sensing. Sensors, 2019, 19, 3518.	3.8	5
9	Cohesive cracked-hinge model for simulation of fracture in one-way slabs on grade. International Journal of Pavement Engineering, 2019, 20, 298-312.	4.4	5
10	Inference of Pavement Properties with Roadside Accelerometers. Lecture Notes in Civil Engineering, 2020, , 719-728.	0.4	2
11	Mechanistic modelling of grid-reinforced milled-and-overlaid asphalt pavements. International Journal of Pavement Engineering, 2023, 24, .	4.4	2
12	Soil Support Characterization in Slab-on-Grade Constructions with Fiber-Optic Distributed Strain Sensing. , 2020, , .		1
13	Active Mitigation of Low-Temperature Cracking in Asphalt Pavements. RILEM Bookseries, 2022, , 183-189.	0.4	0