

Ines Wollny

List of Publications by Year in descending order

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papers

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1478505

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1872680

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9
docs citations

9
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87
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical modelling of tyre-pavement interaction phenomena: coupled structural investigations. Road Materials and Pavement Design, 2016, 17, 563-578.	4.0	32
2	Numerical simulation of pavement structures with inelastic material behaviour under rolling tyres based on an arbitrary Lagrangian Eulerian (ALE) formulation. Road Materials and Pavement Design, 2013, 14, 71-89.	4.0	25
3	Numerical modeling of inelastic structures at loading of steady state rolling. Computational Mechanics, 2016, 57, 867-886.	4.0	22
4	Holistic Analysis of the Coupled Vehicle-Tire-Pavement System for the Design of Durable Pavements. Tire Science and Technology, 2015, 43, 86-116.	0.4	16
5	A hierarchical sequential ALE poromechanics model for tire-soil-water interaction on fluid-infiltrated roads. International Journal for Numerical Methods in Engineering, 2017, 112, 909-938.	2.8	11
6	Numerical modelling of tyre-pavement-interaction phenomena: constitutive description of asphalt behaviour based on triaxial material tests. Road Materials and Pavement Design, 2015, 16, 133-153.	4.0	10
7	Thermo-mechanical computation of inelastic pavement structures under rolling tire loads. Proceedings in Applied Mathematics and Mechanics, 2015, 15, 439-440.	0.2	0
8	Multi-scale Computational Approaches for Asphalt Pavements Under Rolling Tire Load. Lecture Notes in Applied and Computational Mechanics, 2021, , 247-266.	2.2	0
9	Multi-physical and Multi-scale Theoretical-Numerical Modeling of Tire-Pavement Interaction. Lecture Notes in Applied and Computational Mechanics, 2021, , 1-39.	2.2	0