

Jingwei Gao

List of Publications by Year in descending order

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7
papers

101
citations

1684188

5
h-index

1720034

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g-index

7
all docs

7
docs citations

7
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical analysis on tractive performance of off-road wheel steering on sand using discrete element method. Journal of Terramechanics, 2017, 71, 25-43.	3.1	39
2	Development and numerical validation of an improved prediction model for wheel-soil interaction under multiple operating conditions. Journal of Terramechanics, 2018, 79, 1-21.	3.1	28
3	Experimental study on friction coefficients between tire tread rubber and ice. AIP Advances, 2018, 8, .	1.3	14
4	Numerical simulation of tire steering on sandy soil based on discrete element method. AIP Advances, 2021, 11, .	1.3	6
5	Simulation study on tractive performance of off-road tire based on discrete element method. Mathematical Biosciences and Engineering, 2020, 17, 3869-3893.	1.9	6
6	Analytical modeling and DEM analysis of soil-wheel interaction under cornering and skidding conditions in off-road vehicles. AIP Advances, 2021, 11, 085122.	1.3	5
7	Study on track-soil traction using discrete element method simulation and soil bin test. AIP Advances, 2020, 10, .	1.3	3