Xinwen Yang

List of Publications by Year
in descending order

9 papers	96 citations	1478505 6 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	112 citing authors

#	Article	IF	Citations
1	Effect of track irregularity on the dynamic response of a slab track under a high-speed train based on the composite track element method. Applied Acoustics, 2015, 99, 72-84.	3.3	37
2	An explicit periodic nonlinear model for evaluating dynamic response of damaged slab track involving material nonlinearity of damage in high speed railway. Construction and Building Materials, 2018, 168, 606-621.	7.2	18
3	A method for improved accuracy in three dimensions for determining wheel/rail contact points. Vehicle System Dynamics, 2015, 53, 1620-1640.	3.7	11
4	Differential scheme-based stochastic micromechanical framework for saturated concrete repaired by EDM. Acta Mechanica, 2019, 230, 4287-4301.	2.1	8
5	An innovative contact partition model for wheel/rail normal contact. Wear, 2016, 366-367, 38-48.	3.1	7
6	An implicit periodic nonlinear model for evaluating dynamic response of damaged slab track involving material nonlinearity of damage. Construction and Building Materials, 2019, 197, 559-575.	7.2	6
7	Effect of Dynamic Interaction of Two Neighboring Tunnels on Vibrations from Underground Railways in the Saturated Soil. KSCE Journal of Civil Engineering, 2019, 23, 4651-4661.	1.9	5
8	Discretization and OpenCL-based implementation of social field pedestrian model. Neurocomputing, 2018, 315, 299-309.	5.9	4
9	The nonlinear dynamical analysis of damaged concrete slab of high speed railway track using the revised Fourier pseudo-spectral method. Construction and Building Materials, 2020, 244, 118336.	7.2	0