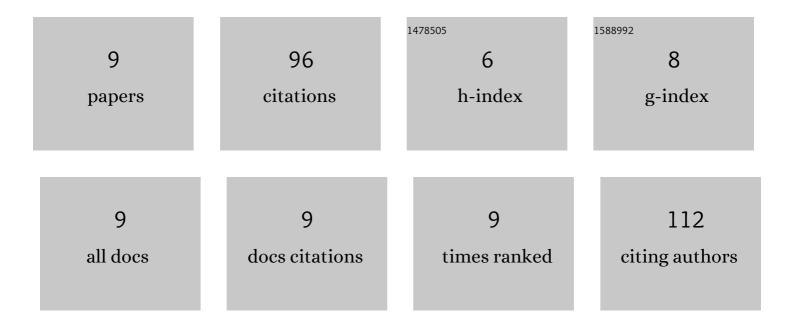
## Xinwen Yang

List of Publications by Year in descending order

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XINWEN YANC

| # | 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<br>material nonlinearity of damage in high speed railway. Construction and Building Materials, 2018, 168,<br>606-621. | 7.2 | 18        |
| 3 | A method for improved accuracy in three dimensions for determining wheel/rail contact points.<br>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         |