

Zhi-wu Yu

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

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1478505

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190
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Non-stationary random vibration analysis of a 3D train-bridge system using the probability density evolution method. <i>Journal of Sound and Vibration</i> , 2016, 366, 173-189. | 3.9 | 75 |
| 2 | Random vibration analysis of train-bridge under track irregularities and traveling seismic waves using train-slab track-bridge interaction model. <i>Journal of Sound and Vibration</i> , 2015, 342, 22-43. | 3.9 | 73 |
| 3 | Rail-bridge coupling element of unequal lengths for analysing train-track-bridge interaction systems. <i>Applied Mathematical Modelling</i> , 2012, 36, 1395-1414. | 4.2 | 59 |
| 4 | A stochastic dynamic model of train-track-bridge coupled system based on probability density evolution method. <i>Applied Mathematical Modelling</i> , 2018, 59, 205-232. | 4.2 | 52 |
| 5 | Probability analysis of train-track-bridge interactions using a random wheel/rail contact model. <i>Engineering Structures</i> , 2017, 144, 120-138. | 5.3 | 51 |
| 6 | Probabilistic model and analysis of coupled train-ballasted track-subgrade system with uncertain structural parameters. <i>Journal of Central South University</i> , 2021, 28, 2238-2256. | 3.0 | 8 |