

Zhi-wu Yu

List of Publications by Year in descending order

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6
papers

318
citations

1478505

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1872680

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all docs

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docs citations

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times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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