

Qinwu Xu

List of Publications by Year in descending order

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7
papers

175
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

183
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A new nonlinear viscoelastic model and mathematical solution of solids for improving prediction accuracy. <i>Scientific Reports</i> , 2020, 10, 2202. | 3.3 | 16 |
| 2 | A mathematical model for fitting and predicting relaxation modulus and simulating viscoelastic responses. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20170540. | 2.1 | 20 |
| 3 | An inverse model and mathematical solution for inferring viscoelastic properties and dynamic deformations of heterogeneous structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 300, 798-833. | 6.6 | 8 |
| 4 | A time-domain finite element method for dynamic viscoelastic solution of layered-half-space responses under loading pulses. <i>Computers and Structures</i> , 2015, 160, 20-39. | 4.4 | 22 |
| 5 | Static versus viscoelastic wave propagation approach for simulating loading effects on flexible pavement structure. <i>Construction and Building Materials</i> , 2014, 53, 584-595. | 7.2 | 16 |
| 6 | Experimental and numerical analysis of a waterproofing adhesive layer used on concrete-bridge decks. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 525-534. | 2.9 | 23 |
| 7 | Modelling linear viscoelastic properties of asphalt concrete by the Huet-Sayegh model. <i>International Journal of Pavement Engineering</i> , 2009, 10, 401-422. | 4.4 | 70 |