

Qinwu Xu

List of Publications by Year in descending order

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Version: 2024-02-01

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