

Xianying Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7272015/publications.pdf>

Version: 2024-02-01

10
papers

149
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	A model of a discretely supported railway track based on a 2.5D finite element approach. Journal of Sound and Vibration, 2019, 438, 153-174.	3.9	32
2	Sound radiation of a railway rail in close proximity to the ground. Journal of Sound and Vibration, 2016, 362, 111-124.	3.9	28
3	Sound radiation from railway sleepers. Journal of Sound and Vibration, 2016, 369, 178-194.	3.9	20
4	An engineering model for the prediction of the sound radiation from a railway track. Journal of Sound and Vibration, 2019, 461, 114921.	3.9	20
5	The effects of ballast on the sound radiation from railway track. Journal of Sound and Vibration, 2017, 399, 137-150.	3.9	17
6	The noise radiated by ballasted and slab tracks. Applied Acoustics, 2019, 151, 193-205.	3.3	15
7	Measurements of the high frequency dynamic stiffness of railway ballast and subgrade. Journal of Sound and Vibration, 2020, 468, 115081.	3.9	14
8	Experimental study of noise mitigation measures on a slab track. Applied Acoustics, 2021, 172, 107630.	3.3	2
9	A New Model for the Prediction of Track Sound Radiation. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2018, , 709-721.	0.3	1
10	Effect of Ground Conditions and Microphone Position on Railway Noise Measurement Results. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 680-687.	0.3	0