

# Michael Brennan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/418557/publications.pdf>

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6  
papers

322  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of time delay estimators for the detection of leak noise signals in plastic water distribution pipes. <i>Journal of Sound and Vibration</i> , 2006, 292, 552-570.	3.9	137
2	Axisymmetric wave propagation in fluid-filled pipes: wavenumber measurements in in vacuo and buried pipes. <i>Journal of Sound and Vibration</i> , 2004, 270, 171-190.	3.9	109
3	On the effects of soil properties on leak noise propagation in plastic water distribution pipes. <i>Journal of Sound and Vibration</i> , 2018, 427, 120-133.	3.9	37
4	Estimating the spectrum of leak noise in buried plastic water distribution pipes using acoustic or vibration measurements remote from the leak. <i>Mechanical Systems and Signal Processing</i> , 2021, 147, 107059.	8.0	22
5	Estimation of the bulk and shear moduli of soil surrounding a plastic water pipe using measurements of the predominantly fluid wave in the pipe. <i>Journal of Applied Geophysics</i> , 2019, 164, 237-246.	2.1	11
6	A stochastic model for the speed of leak noise propagation in plastic water pipes. <i>Journal of Sound and Vibration</i> , 2021, 501, 116057.	3.9	6