

# Marie BrÃns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1196011/publications.pdf>

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papers

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1684188  
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59  
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#	ARTICLE	IF	CITATIONS
1	Coupling effects with vibration-based estimation of individual bolt tension in multi-bolt structures. Journal of Sound and Vibration, 2022, 528, 116873.	3.9	4
2	Coupled longitudinal and transverse vibrations of tensioned Euler-Bernoulli beams with general linear boundary conditions. Mechanical Systems and Signal Processing, 2021, 150, 107244.	8.0	7
3	Estimating bolt tension from vibrations: Transient features, nonlinearity, and signal processing. Mechanical Systems and Signal Processing, 2021, 150, 107224.	8.0	16
4	Vibration-based estimation of boundary stiffness and axial tension in beams using added mass. Journal of Sound and Vibration, 2020, 487, 115617.	3.9	4
5	Experimental Investigation of Local Dynamics in a Bolted Lap Joint Using Digital Image Correlation. Journal of Vibration and Acoustics, Transactions of the ASME, 2020, 142, .	1.6	7
6	Experimental testing of Timoshenko predictions of supercritical natural frequencies and mode shapes for free-free beams. Journal of Sound and Vibration, 2019, 459, 114856.	3.9	8
7	Estimating bolt tightness using transverse natural frequencies. Journal of Sound and Vibration, 2018, 431, 137-149.	3.9	41