

Robert Liebich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/642512/publications.pdf>

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9
papers

167
citations

1684188
5
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical analysis of the dynamic behaviour of a foil bearing structure affected by metal shims. Tribology International, 2017, 115, 378-388.	5.9	40
2	Impact detection using a machine learning approach and experimental road roughness classification. Mechanical Systems and Signal Processing, 2019, 117, 738-756.	8.0	39
3	Characterisation and calculation of nonlinear vibrations in gas foil bearing systems – An experimental and numerical investigation. Journal of Sound and Vibration, 2018, 412, 389-409.	3.9	35
4	Comparison of stability limits obtained by time integration and perturbation approach for Gas Foil Bearings. Journal of Sound and Vibration, 2019, 458, 497-509.	3.9	21
5	Road classification for two-wheeled vehicles. Vehicle System Dynamics, 2018, 56, 1289-1314.	3.7	19
6	A time dependent equivalent stress function for proportional and non-proportional transient loaded and notched metallic components. International Journal of Fatigue, 2017, 103, 294-308.	5.7	5
7	Analysis of long wind turbine blades with shape memory alloy wires in super-elastic phase. Journal of Intelligent Material Systems and Structures, 2018, 29, 3108-3123.	2.5	4
8	Fatigue calculation for transient proportional and non-proportional multiaxial vibrational stress for component optimisation based on the Modified Mohr-Mises-Hypothesis. International Journal of Fatigue, 2020, 137, 105643.	5.7	3
9	A damage tolerance analysis for complex structures. Archive of Applied Mechanics, 2016, 86, 669-686.	2.2	1