

# Robert Liebich

## List of Publications by Year in descending order

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9  
papers

167  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

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times ranked

132  
citing authors

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