

Sanjin Braut

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

121
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis of PSO algorithms for PID controller tuning. Chinese Journal of Mechanical Engineering (English Edition), 2014, 27, 928-936.	3.7	25
2	Low cycle fatigue life prediction of the demining tiller tool. Engineering Failure Analysis, 2020, 111, 104457.	4.0	19
3	Application of modified Locati method in fatigue strength testing of a turbo compressor blade. Procedia Structural Integrity, 2021, 31, 33-37.	0.8	12
4	Failure analysis of nylon gears made by additive manufacturing. Engineering Failure Analysis, 2022, 137, 106272.	4.0	11
5	Fatigue life prediction of Electric RaceAbout (ERA) traction motor rotor. Procedia Structural Integrity, 2021, 31, 45-50.	0.8	10
6	Modeling and experimental verification of a flexible rotor/AMB system. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 1244-1254.	0.9	9
7	Dynamic response to harmonic transverse excitation of cantilever Euler-Bernoulli beam carrying a point mass. FME Transactions, 2017, 45, 367-373.	1.4	9
8	Partial Rub Detection Based on Instantaneous Angular Speed Measurement and Variational Mode Decomposition. Journal of Vibration Engineering and Technologies, 2020, 8, 351-364.	2.2	7
9	Optimization of the machine foundation using frequency constraints. Structural and Multidisciplinary Optimization, 2014, 50, 147-157.	3.5	3
10	Numerical ill-conditioning in evaluation of the dynamic response of structures with mode superposition method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 109-119.	2.1	3
11	Fault detection based on instantaneous angular speed measurement and variational mode decomposition. MATEC Web of Conferences, 2018, 211, 18006.	0.2	3
12	Rotor-Stator Partial Rub Detection Based on Teager-Huang Transform. Mechanisms and Machine Science, 2019, , 252-264.	0.5	3
13	Rotor-Stator Partial Rub Diagnosis Using Hilbert Huang Transform. Mechanisms and Machine Science, 2015, , 1945-1953.	0.5	2
14	Measuring strain in sheet metals. FME Transactions, 2019, 47, 477-486.	1.4	1
15	Electromechanical vibrations of the vertical lathe machining centre caused by the fault of the working table rolling bearing. FME Transactions, 2017, 45, 374-381.	1.4	1
16	Analysis of Ship Propulsion Shafting Vibration Using Coupled Torsional-Bending Model. Journal of Maritime & Transportation Science, 2022, Special edition 4, 161-171.	0.1	1
17	A comparative evaluation of some solution methods in free vibration analysis of elastically supported beams. Zbornik Velesništva U Rijeci, 2018, 6, 285-298.	0.3	0
18	Utjecaj dodatnog tereta na dinamiku polovinskog modela vozila pri prelasku preko umjetne izboĳine. Zbornik Velesništva U Rijeci, 2020, 8, 413-426.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Improvement of flexible rotor/active magnetic bearings system performance using pi-d control. Engineering Review, 2020, 40, 112-123.	0.5	0