

# Nabih Feki

## List of Publications by Year in descending order

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22  
papers

235  
citations

1478505

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h-index

996975

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g-index

26  
all docs

26  
docs citations

26  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Study Between Experimental and Theoretical Frictional Power Losses of a Geared System. Applied Condition Monitoring, 2022, , 21-30.	0.4	0
2	Observer-Based Active Fault-Tolerant Control of an Asymmetric Twin Wind Turbine. Information (Switzerland), 2022, 13, 113.	2.9	1
3	Static response of small scale functionally graded piezoelectric nanobeams. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2022, 45, 237-244.	1.1	1
4	Fault diagnosis via a dynamical sparse recovery method and application to a gearbox system. JVC/Journal of Vibration and Control, 2021, 27, 1420-1439.	2.6	1
5	Frictional dynamic model predictions of FZG-A10 spur gear pairs considering profile errors. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 1390-1404.	1.8	5
6	Free Vibration of Sandwich Nanobeam. Applied Condition Monitoring, 2021, , 277-284.	0.4	0
7	Dynamic Interaction Between Transmission Error and Friction Coefficients for FZG-A10 Spur Gears. Applied Condition Monitoring, 2021, , 136-144.	0.4	0
8	Active fault tolerant control for twin wind turbine subject to asymmetric fault. , 2021, , .		2
9	Dynamic effects on spur gear pairs power loss lubricated with axle gear oils. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 1069-1084.	2.1	6
10	Analysis and control of Twin Wind Turbine subject to asymmetric fault. , 2020, , .		4
11	Diagnosis Methods for Mechatronic Systems. Lecture Notes in Mechanical Engineering, 2020, , 43-55.	0.4	0
12	Application of homogeneous observers with variable exponent to a mechatronic system. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 6491-6502.	2.1	4
13	Angular-based modeling of induction motors for monitoring. Journal of Sound and Vibration, 2017, 395, 371-392.	3.9	11
14	Frequency analysis of a two-stage planetary gearbox using two different methodologies. Comptes Rendus - Mecanique, 2017, 345, 832-843.	2.1	19
15	Dynamic behaviour of a wind turbine gear system with uncertainties. Comptes Rendus - Mecanique, 2016, 344, 375-387.	2.1	18
16	Electrical Modeling for Faults Detection Based on Motor Current Signal Analysis and Angular Approach. Applied Condition Monitoring, 2016, , 15-25.	0.4	5
17	Modal Analysis of Helical Planetary Gear Train Coupled to Bevel Gear. Lecture Notes in Mechanical Engineering, 2014, , 149-158.	0.4	1
18	Gear and motor fault modeling and detection based on motor current analysis. Electric Power Systems Research, 2013, 95, 28-37.	3.6	56

#	ARTICLE	IF	CITATIONS
19	Gear tooth pitting modelling and detection based on transmission error measurements. European Journal of Computational Mechanics, 2013, 22, 106-119.	0.6	14
20	An integrated electro-mechanical model of motor-gear units”Applications to tooth fault detection by electric measurements. Mechanical Systems and Signal Processing, 2012, 29, 377-390.	8.0	65
21	Influence of uncertainty in aerodynamic performance on the dynamic response of a two stage gear system. Journal of Theoretical and Applied Mechanics, 0, , 601.	0.5	7
22	Modal analysis of gearbox transmission system in Bucket wheel excavator. Journal of Theoretical and Applied Mechanics, 0, , 253.	0.5	9