

# Nabih Feki

## List of Publications by Year in descending order

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22  
papers

235  
citations

1478505

6  
h-index

996975

15  
g-index

26  
all docs

26  
docs citations

26  
times ranked

195  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Gear and motor fault modeling and detection based on motor current analysis. Electric Power Systems Research, 2013, 95, 28-37.   | 3.6 | 56        |
| 3  | Frequency analysis of a two-stage planetary gearbox using two different methodologies. Comptes Rendus - Mecanique, 2017, 345, 832-843.   | 2.1 | 19        |
| 4  | Dynamic behaviour of a wind turbine gear system with uncertainties. Comptes Rendus - Mecanique, 2016, 344, 375-387.  | 2.1 | 18        |
| 5  | Gear tooth pitting modelling and detection based on transmission error measurements. European Journal of Computational Mechanics, 2013, 22, 106-119.   | 0.6 | 14        |
| 6  | Angular-based modeling of induction motors for monitoring. Journal of Sound and Vibration, 2017, 395, 371-392.   | 3.9 | 11        |
| 7  | Modal analysis of gearbox transmission system in Bucket wheel excavator. Journal of Theoretical and Applied Mechanics, 0, , 253.   | 0.5 | 9         |
| 8  | 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         |
| 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 | Electrical Modeling for Faults Detection Based on Motor Current Signal Analysis and Angular Approach. Applied Condition Monitoring, 2016, , 15-25.   | 0.4 | 5         |
| 11 | 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         |
| 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 | Analysis and control of Twin Wind Turbine subject to asymmetric fault. , 2020, , .   |     | 4         |
| 14 | Active fault tolerant control for twin wind turbine subject to asymmetric fault. , 2021, , .   |     | 2         |
| 15 | Modal Analysis of Helical Planetary Gear Train Coupled to Bevel Gear. Lecture Notes in Mechanical Engineering, 2014, , 149-158.  | 0.4 | 1         |
| 16 | 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         |
| 17 | Observer-Based Active Fault-Tolerant Control of an Asymmetric Twin Wind Turbine. Information (Switzerland), 2022, 13, 113.   | 2.9 | 1         |
| 18 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Free Vibration of Sandwich Nanobeam. Applied Condition Monitoring, 2021, , 277-284.   | 0.4 | 0         |
| 20 | Dynamic Interaction Between Transmission Error and Friction Coefficients for FZG-A10 Spur Gears. Applied Condition Monitoring, 2021, , 136-144. | 0.4 | 0         |
| 21 | Comparative Study Between Experimental and Theoretical Frictional Power Losses of a Geared System. Applied Condition Monitoring, 2022, , 21-30. | 0.4 | 0         |
| 22 | Diagnosis Methods for Mechatronic Systems. Lecture Notes in Mechanical Engineering, 2020, , 43-55.  | 0.4 | 0         |