

# Nathanael C Yoder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9169895/publications.pdf>

Version: 2024-02-01

14  
papers

420  
citations

1040056

9  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

371  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119.     | 7.1  | 136       |
| 2  | Vibro-Acoustic Modulation Utilizing a Swept Probing Signal for Robust Crack Detection. Structural Health Monitoring, 2010, 9, 257-267.                                                                                 | 7.5  | 89        |
| 3  | Deep Learning Classification of Canine Behavior Using a Single Collar-Mounted Accelerometer: Real-World Validation. Animals, 2021, 11, 1549.                                                                           | 2.3  | 31        |
| 4  | Structural health and prognostics management for the enhancement of offshore wind turbine operations and maintenance strategies. Wind Energy, 2014, 17, 1737-1751.                                                     | 4.2  | 29        |
| 5  | Fixed Base FRF Using Boundary Measurements as References: Analytical Derivation. Conference Proceedings of the Society for Experimental Mechanics, 2012, , 299-308.                                                    | 0.5  | 19        |
| 6  | A prospective evaluation of AI-augmented epidemiology to forecast COVID-19 in the USA and Japan. Npj Digital Medicine, 2021, 4, 146.                                                                                   | 10.9 | 17        |
| 7  | FilterNet: A Many-to-Many Deep Learning Architecture for Time Series Classification. Sensors, 2020, 20, 2498.                                                                                                          | 3.8  | 13        |
| 8  | Evaluation of a collar-mounted accelerometer for detecting seizure activity in dogs. Journal of Veterinary Internal Medicine, 2020, 34, 1239-1247.                                                                     | 1.6  | 12        |
| 9  | Applying Sherman-Morrison-Woodbury Formulas to Analyze the Free and Forced Responses of a Linear Structure Carrying Lumped Elements. Journal of Vibration and Acoustics, Transactions of the ASME, 2007, 129, 307-316. | 1.6  | 9         |
| 10 | A Comparison of Multiple Impact Testing Methods. Conference Proceedings of the Society for Experimental Mechanics, 2012, , 319-330.                                                                                    | 0.5  | 3         |
| 11 | Algorithmic fairness in pandemic forecasting: lessons from COVID-19. Npj Digital Medicine, 2022, 5, 59.                                                                                                                | 10.9 | 3         |
| 12 | Fixed Base FRF Using Boundary Measurements as References: Experimental Results. Conference Proceedings of the Society for Experimental Mechanics, 2012, , 309-317.                                                     | 0.5  | 2         |
| 13 | Advances in Six Degree of Freedom Vibration Testing. Conference Proceedings of the Society for Experimental Mechanics, 2012, , 331-340.                                                                                | 0.5  | 1         |
| 14 | Optimal Phasing Combinations for Multiple Input Source Excitation. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 411-416.                                                                  | 0.5  | 1         |