

# Cathal Bowe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11822035/publications.pdf>

Version: 2024-02-01

8

papers

189

citations

1684188

5

h-index

1872680

6

g-index

8

all docs

8

docs citations

8

times ranked

131

citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | The calibration challenge when inferring longitudinal track profile from the inertial response of an in-service train. Canadian Journal of Civil Engineering, 2022, 49, 274-288.                          | 1.3 | 5         |
| 2 | Bridge Damage and Repair Detection Using an Instrumented Train. Journal of Bridge Engineering, 2022, 27, .  | 2.9 | 11        |
| 3 | Instrumenting an Operational Train for Continuous Monitoring of Bridges and Track. Lecture Notes in Civil Engineering, 2022, , 1190-1196.   | 0.4 | 0         |
| 4 | Railway Track Monitoring Using Train Measurements: An Experimental Case Study. Applied Sciences (Switzerland), 2019, 9, 4859.   | 2.5 | 36        |
| 5 | Estimation of Railway Track Longitudinal Profile Using Vehicle-Based Inertial Measurements. Sustainable Civil Infrastructures, 2019, , 1-6.   | 0.2 | 1         |
| 6 | Determination of railway track longitudinal profile using measured inertial response of an in-service railway vehicle. Structural Health Monitoring, 2018, 17, 1425-1440.                                 | 7.5 | 53        |
| 7 | Drive-by detection of railway track stiffness variation using in-service vehicles. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2017, 231, 498-514. | 2.0 | 43        |
| 8 | Railway bridge damage detection using vehicle-based inertial measurements and apparent profile. Engineering Structures, 2017, 153, 421-442.   | 5.3 | 40        |