

# Brahim Benaissa

## List of Publications by Year in descending order

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15  
papers

329  
citations

1040056

9  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

151  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Damage detection in CFRP composite beams based on vibration analysis using proper orthogonal decomposition method with radial basis functions and cuckoo search algorithm. Composite Structures, 2018, 187, 344-353. | 5.8 | 87        |
| 2  | A hybrid PSO and Grey Wolf Optimization algorithm for static and dynamic crack identification. Theoretical and Applied Fracture Mechanics, 2022, 118, 103213.  | 4.7 | 58        |
| 3  | YUKI Algorithm and POD-RBF for Elastostatic and dynamic crack identification. Journal of Computational Science, 2021, 55, 101451.  | 2.9 | 54        |
| 4  | Crack identification using model reduction based on proper orthogonal decomposition coupled with radial basis functions. Structural and Multidisciplinary Optimization, 2016, 54, 265-274.                           | 3.5 | 24        |
| 5  | Application of proper orthogonal decomposition and radial basis functions for crack size estimation using particle swarm optimization. Journal of Physics: Conference Series, 2017, 842, 012014.                     | 0.4 | 16        |
| 6  | Genetic Algorithm Based Objective Functions Comparative Study for Damage Detection and Localization in Beam Structures. Journal of Physics: Conference Series, 2015, 628, 012035.                                    | 0.4 | 14        |
| 7  | Phone Application for Indoor Localization Based on Ble Signal Fingerprint. , 2018, , .   |     | 10        |
| 8  | Damage identification in steel plate using FRF and inverse analysis. Frattura Ed Integrita Strutturale, 2021, 15, 416-433.   | 0.9 | 10        |
| 9  | Residual Force Method for damage identification in a laminated composite plate with different boundary conditions. Frattura Ed Integrita Strutturale, 2022, 16, 35-48.   | 0.9 | 10        |
| 10 | Crack Identification Using eXtended IsoGeometric Analysis and Particle Swarm Optimization. Lecture Notes in Mechanical Engineering, 2019, , 210-222.   | 0.4 | 9         |
| 11 | Damage Identification in Frame Structure Based on Inverse Analysis. Lecture Notes in Civil Engineering, 2022, , 197-211.   | 0.4 | 8         |
| 12 | Does the Jaya Algorithm Really Need No Parameters?. , 2018, , .  |     | 6         |
| 13 | Activity and Emotion Recognition for Elderly Health Monitoring. International Journal of Affective Engineering, 2017, 17, 81-88.   | 0.5 | 5         |
| 14 | Updatable indoor localization based on BLE signal fingerprint. , 2018, , .   |     | 3         |
| 15 | Calibration Cost Reduction of Indoor Localization Using Bluetooth Low Energy Beacon. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2022, 26, 97-106.                                   | 0.9 | 2         |