

# Ahmad M Bataineh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4685883/publications.pdf>

Version: 2024-02-01

13  
papers

148  
citations

2258059

3  
h-index

2272923

4  
g-index

13  
all docs

13  
docs citations

13  
times ranked

157  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Nonlinear dynamics of an electrically actuated imperfect microbeam resonator: experimental investigation and reduced-order modeling. Journal of Micromechanics and Microengineering, 2013, 23, 075012. | 2.6 | 59        |
| 2  | Investigation of a single-axis discrete solar tracking system for reduced actuations and maximum energy collection. Automation in Construction, 2019, 98, 102-109.                                     | 9.8 | 51        |
| 3  | Dynamics of a clamped-clamped microbeam resonator considering fabrication imperfections. Microsystem Technologies, 2015, 21, 2425-2434.  | 2.0 | 20        |
| 4  | Intelligent Adaptive Control for Anti-Lock Braking System. , 2018, , .   |     | 4         |
| 5  | Nonlinear dynamics of a MEMS resonator: Theoretical and experimental investigation. , 2012, , .  |     | 3         |
| 6  | Investigation of solar tracking performance using isotropic and anisotropic models. Advances in Building Energy Research, 2021, 15, 390-408.   | 2.3 | 3         |
| 7  | An Imperfect Microbeam Electrically Actuated: Experimental Investigation and Parameter Identification. , 2012, , .   |     | 2         |
| 8  | Dynamics of an Imperfect Microbeam Considering its Exact Shape. , 2014, , .  |     | 2         |
| 9  | Using EMG Signals to Remotely Control a 3D Industrial Robotic Arm. , 2019, , .   |     | 2         |
| 10 | Nonlinear Dynamic Response of an Electrically Actuated Imperfect Microbeam Resonator. , 2013, , .  |     | 1         |
| 11 | Static Response of Microbeams due to Capillary and Electrostatic Forces. , 2015, , .   |     | 1         |
| 12 | Vehicle Speed Fuzzy Logic Controller System Using Surface EMG Signal. International Review of Mechanical Engineering, 2020, 14, 56.  | 0.2 | 0         |
| 13 | Design and Implementation of a Bio-Mimic Hexapod Robot. International Review on Modelling and Simulations, 2020, 13, 337.  | 0.3 | 0         |