

# Omar Al-Ahmad

## List of Publications by Year in descending order

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5  
papers

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1937685

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times ranked

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citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Local One-Dimensional Motion Estimation Using FBG-Based Shape Sensing for Cardiac Applications. IEEE Robotics and Automation Letters, 2022, 7, 8122-8129.     | 5.1 | 3         |
| 2 | FBG-Based Estimation of External Forces Along Flexible Instrument Bodies. Frontiers in Robotics and AI, 2021, 8, 718033.                                      | 3.2 | 13        |
| 3 | Fusion of Biplane Fluoroscopy With Fiber Bragg Grating for 3D Catheter Shape Reconstruction. IEEE Robotics and Automation Letters, 2021, 6, 6505-6512.        | 5.1 | 15        |
| 4 | Robust Catheter Tracking by Fusing Electromagnetic Tracking, Fiber Bragg Grating and Sparse Fluoroscopic Images. IEEE Sensors Journal, 2021, 21, 23422-23434. | 4.7 | 23        |
| 5 | Improved FBG-Based Shape Sensing Methods for Vascular Catheterization Treatment. IEEE Robotics and Automation Letters, 2020, , 1-1.                           | 5.1 | 36        |