

# Omar Al-Ahmad

## List of Publications by Year in descending order

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5  
papers

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citations

1937685

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2053705

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Improved FBG-Based Shape Sensing Methods for Vascular Catheterization Treatment. IEEE Robotics and Automation Letters, 2020, , 1-1.	5.1	36
2	Robust Catheter Tracking by Fusing Electromagnetic Tracking, Fiber Bragg Grating and Sparse Fluoroscopic Images. IEEE Sensors Journal, 2021, 21, 23422-23434.	4.7	23
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	FBG-Based Estimation of External Forces Along Flexible Instrument Bodies. Frontiers in Robotics and AI, 2021, 8, 718033.	3.2	13
5	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