

Yousef Al-Handarish

List of Publications by Year in descending order

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8
papers

243
citations

1307594

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h-index

1588992

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g-index

9
all docs

9
docs citations

9
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber Bragg Grating-Based Force Sensing in Robot-Assisted Cardiac Interventions: A Review. IEEE Sensors Journal, 2021, 21, 10317-10331.	4.7	20
2	Automatic tool segmentation and tracking during robotic intravascular catheterization for cardiac interventions. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2688-2710.	2.0	12
3	A Hybrid Microstructure Piezoresistive Sensor with Machine Learning Approach for Gesture Recognition. Applied Sciences (Switzerland), 2021, 11, 7264.	2.5	4
4	A Survey of Tactile-Sensing Systems and Their Applications in Biomedical Engineering. Advances in Materials Science and Engineering, 2020, 2020, 1-17.	1.8	48
5	Facile Fabrication of 3D Porous Sponges Coated with Synergistic Carbon Black/Multiwalled Carbon Nanotubes for Tactile Sensing Applications. Nanomaterials, 2020, 10, 1941.	4.1	22
6	Motion and Trajectory Constraints Control Modeling for Flexible Surgical Robotic Systems. Micromachines, 2020, 11, 386.	2.9	13
7	Exploration of Interventionistsâ€™ Technical Manipulation Skills for Robot-Assisted Intravascular PCI Catheterization. IEEE Access, 2020, 8, 53750-53765.	4.2	10
8	Deep Learning Intervention for Health Care Challenges: Some Biomedical Domain Considerations. JMIR MHealth and UHealth, 2019, 7, e11966.	3.7	110