

Ali Ghanbari

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

484
citations

1478280
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1588896
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all docs

10
docs citations

10
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Characterization of Magnetic Microrobots for Three-Dimensional Cell Culture and Targeted Transportation. <i>Advanced Materials</i> , 2013, 25, 5863-5868.	11.1	360
2	A Novel Swimming Microrobot Based on Artificial Cilia for Biomedical Applications. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2011, 63, 399-416.	2.0	32
3	Magnetic actuation of a cylindrical microrobot using time-delay-estimation closed-loop control: modeling and experiments. <i>Smart Materials and Structures</i> , 2014, 23, 035013.	1.8	28
4	Electromagnetic Steering of a Magnetic Cylindrical Microrobot Using Optical Feedback Closed-Loop Control. <i>International Journal of Optomechatronics</i> , 2014, 8, 129-145.	3.3	21
5	Design and Evaluation of Magnetic Hall Effect Tactile Sensors for Use in Sensorized Splints. <i>Sensors</i> , 2020, 20, 1123.	2.1	17
6	Adjustable Compliance Soft Sensor via an Elastically Inflatable Fluidic Dome. <i>Sensors</i> , 2021, 21, 1970.	2.1	9
7	Bioinspired reorientation strategies for application in micro/nanorobotic control. <i>Journal of Micro-Bio Robotics</i> , 2020, 16, 173-197.	2.1	7
8	Time delay estimation for control of microrobots under uncertainties. , 2013, , .		1