

Sishen Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

97
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1684188

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2053705

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all docs

7
docs citations

7
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Design and Decoupled Control of Anchoring and Drug Release for Wireless Capsule Robots. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2897-2907.	5.8	13
2	Multiphysics Simulation of Magnetically Actuated Robotic Origami Worms. IEEE Robotics and Automation Letters, 2021, 6, 4923-4930.	5.1	17
3	Kinematic Modeling of Magnetically-Actuated Robotic Catheter in Nonlinearly-Coupled Multi-Field. IEEE Robotics and Automation Letters, 2021, 6, 8189-8196.	5.1	11
4	Magnetic Tracking of Wireless Capsule Endoscope in Mobile Setup Based on Differential Signals. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	28
5	RectMag3D: A Magnetic Actuation System for Steering Milli/Microrobots Based on Rectangular Electromagnetic Coils. Applied Sciences (Switzerland), 2020, 10, 2677.	2.5	13
6	Magnetically Driven Wireless Capsule Robot with Targeting Biopsy Function. , 2019, , .		7
7	Design of A Novel Electromagnetic Actuation System for Actuating Magnetic Capsule Robot. , 2019, , .		8