

# Mohammed E Sayed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4428595/publications.pdf>

Version: 2024-02-01

13  
papers

230  
citations

1163117

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h-index

1372567

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g-index

14  
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14  
docs citations

14  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Robots for Ocean Exploration and Offshore Operations: A Perspective. <i>Soft Robotics</i> , 2021, 8, 625-639.	8.0	66
2	Soft Robots for Extreme Environments: Removing Electronic Control. , 2019, , .		31
3	Limpet II: A Modular, Untethered Soft Robot. <i>Soft Robotics</i> , 2021, 8, 319-339.	8.0	30
4	Linbots: Soft Modular Robots Utilizing Voice Coils. <i>Soft Robotics</i> , 2019, 6, 195-205.	8.0	22
5	The Limpet: A ROS-Enabled Multi-Sensing Platform for the ORCA Hub. <i>Sensors</i> , 2018, 18, 3487.	3.8	15
6	Capability by Stacking: The Current Design Heuristic for Soft Robots. <i>Biomimetics</i> , 2018, 3, 16.	3.3	15
7	HoverBots: Precise Locomotion Using Robots That Are Designed for Manufacturability. <i>Frontiers in Robotics and AI</i> , 2017, 4, .	3.2	12
8	Modular Robots for Enabling Operations in Unstructured Extreme Environments. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	11
9	Multi-Functional Sensing for Swarm Robots Using Time Sequence Classification: HoverBot, an Example. <i>Frontiers in Robotics and AI</i> , 2018, 5, 55.	3.2	8
10	Towards more Energy Efficient Pneumatic Soft Actuators using a Port-Hamiltonian Approach. , 2019, , .		8
11	The Soft Compiler: A Web-Based Tool for the Design of Modular Pneumatic Circuits for Soft Robots. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 6060-6066.	5.1	8
12	PeriSim: A Simulator for Optimizing Peristaltic Tube Control. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900070.	6.1	2
13	A Systems Approach to Real-World Deployment of Industrial Internet of Things. , 2020, , .		0