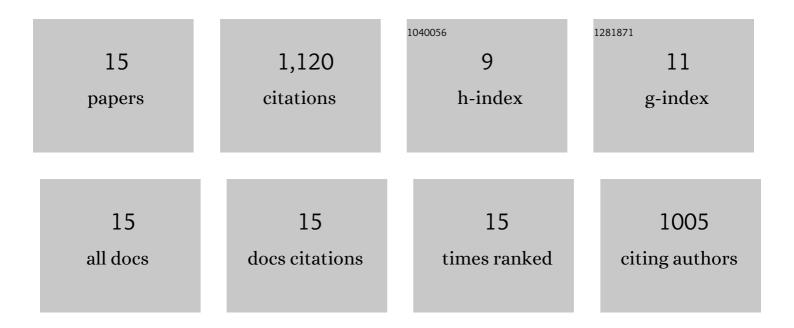
Jiachen Zhang

List of Publications by Year in descending order

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ΙΙΛCHEN ΖΗΛΝΟ

#	Article	lF	CITATIONS
1	Untethered small-scale magnetic soft robot with programmable magnetization and integrated multifunctional modules. Science Advances, 2022, 8, .	10.3	105
2	Liquid Crystal Elastomerâ€Based Magnetic Composite Films for Reconfigurable Shapeâ€Morphing Soft Miniature Machines. Advanced Materials, 2021, 33, e2006191.	21.0	101
3	Voxelated three-dimensional miniature magnetic soft machines via multimaterial heterogeneous assembly. Science Robotics, 2021, 6, .	17.6	133
4	Wirelessly Actuated Thermo―and Magnetoâ€Responsive Soft Bimorph Materials with Programmable Shapeâ€Morphing. Advanced Materials, 2021, 33, e2100336.	21.0	60
5	Shape-programmable liquid crystal elastomer structures with arbitrary three-dimensional director fields and geometries. Nature Communications, 2021, 12, 5936.	12.8	42
6	Evolving from Laboratory Toys towards Life-Savers: Small-Scale Magnetic Robotic Systems with Medical Imaging Modalities. Micromachines, 2021, 12, 1310.	2.9	5
7	Bidirectional Dynamic Reconfiguration of Discrete-Event Systems. , 2020, , .		1
8	Millimeter-scale flexible robots with programmable three-dimensional magnetization and motions. Science Robotics, 2019, 4, .	17.6	443
9	Untethered Miniature Soft Robots: Modeling and Design of a Millimeter-Scale Swimming Magnetic Sheet. Soft Robotics, 2018, 5, 761-776.	8.0	65
10	Parallel Pick and Place Using Two Independent Untethered Mobile Magnetic Microgrippers. , 2018, , .		21
11	Reliable Grasping of Three-Dimensional Untethered Mobile Magnetic Microgripper for Autonomous Pick-and-Place. IEEE Robotics and Automation Letters, 2017, 2, 835-840.	5.1	88
12	A generic label-free microfluidic microobject sorter using a magnetic elastic diverter. Biomedical Microdevices, 2017, 19, 43.	2.8	8
13	Independent control of two millimeter-scale soft-bodied magnetic robotic swimmers. , 2016, , .		7
14	Tetherless mobile micrograsping using a magnetic elastic composite material. Smart Materials and Structures, 2016, 25, 11LT03.	3.5	31
15	Millimeter-scale magnetic swimmers using elastomeric undulations. , 2015, , .		10