

Wenqi Hu

List of Publications by Year in descending order

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17
papers

4,025
citations

471509

17
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

3373
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-scale soft-bodied robot with multimodal locomotion. <i>Nature</i> , 2018, 554, 81-85.	27.8	1,520
2	Biomedical Applications of Untethered Mobile Milli/Microrobots. <i>Proceedings of the IEEE</i> , 2015, 103, 205-224.	21.3	656
3	Shape-programmable magnetic soft matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6007-E6015.	7.1	438
4	Multi-functional soft-bodied jellyfish-like swimming. <i>Nature Communications</i> , 2019, 10, 2703.	12.8	343
5	Multifunctional magnetic soft composites: a review. <i>Multifunctional Materials</i> , 2020, 3, 042003.	3.7	159
6	Voxelated three-dimensional miniature magnetic soft machines via multimaterial heterogeneous assembly. <i>Science Robotics</i> , 2021, 6, .	17.6	133
7	Translational prospects of untethered medical microrobots. <i>Progress in Biomedical Engineering</i> , 2019, 1, 012002.	4.9	120
8	Biodegradable Untethered Magnetic Hydrogel Milli-Graspers. <i>Advanced Functional Materials</i> , 2020, 30, 2004975.	14.9	115
9	Bioinspired cilia arrays with programmable nonreciprocal motion and metachronal coordination. <i>Science Advances</i> , 2020, 6, .	10.3	103
10	Liquid Crystal Elastomer-Based Magnetic Composite Films for Reconfigurable Shape-Morphing Soft Miniature Machines. <i>Advanced Materials</i> , 2021, 33, e2006191.	21.0	101
11	Soft-bodied adaptive multimodal locomotion strategies in fluid-filled confined spaces. <i>Science Advances</i> , 2021, 7, .	10.3	82
12	Wirelessly Actuated Thermo- and Magneto-Responsive Soft Bimorph Materials with Programmable Shape-Morphing. <i>Advanced Materials</i> , 2021, 33, e2100336.	21.0	60
13	Magnetic soft micromachines made of linked microactuator networks. <i>Science Advances</i> , 2021, 7, .	10.3	57
14	Shape-programmable liquid crystal elastomer structures with arbitrary three-dimensional director fields and geometries. <i>Nature Communications</i> , 2021, 12, 5936.	12.8	42
15	Effect of body stiffness distribution on larval fish-like efficient undulatory swimming. <i>Science Advances</i> , 2021, 7, .	10.3	34
16	Miniature coiled artificial muscle for wireless soft medical devices. <i>Science Advances</i> , 2022, 8, eabm5616.	10.3	32
17	Creating three-dimensional magnetic functional microdevices via molding-integrated direct laser writing. <i>Nature Communications</i> , 2022, 13, 2016.	12.8	30