

Nanomagnetic encoding of shape-morphing micromach

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Soft microbots programmed by nanomagnets. <i>Nature</i> , 2019, 575, 58-59.	13.7	36
2	Magnetic behaviour of 3D metal-organic frameworks constructed via 1,2,4,5-benzenetetracarboxylate linker and 4f Ce(III) or 3d Fe(III) metal nodes. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108261.	1.8	0
3	Recent advances in additive manufacturing of active mechanical metamaterials. <i>Current Opinion in Solid State and Materials Science</i> , 2020, 24, 100869.	5.6	65
4	Tandem actuation of legged locomotion and grasping manipulation in soft robots using magnetic fields. <i>Extreme Mechanics Letters</i> , 2020, 41, 101023.	2.0	31
5	Shape-adaptable biodevices for wearable and implantable applications. <i>Lab on A Chip</i> , 2020, 20, 4321-4341.	3.1	27
6	Synthetic chiral magnets promoted by the Dzyaloshinskii-Moriya interaction. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	22
7	Entropy Production in an Elementary, Light Driven Micro-Machine. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	2
8	Atomic origami. <i>Current Opinion in Solid State and Materials Science</i> , 2020, 24, 100882.	5.6	1
9	4D Multimodal Nanomedicines Made of Nonequilibrium Au-Fe Alloy Nanoparticles. <i>ACS Nano</i> , 2020, 14, 12840-12853.	7.3	53
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15	Biodegradable Untethered Magnetic Hydrogel Millicrippers. <i>Advanced Functional Materials</i> , 2020, 30, 2004975.	7.8	115
16	Simultaneous polydirectional transport of colloidal bipeds. <i>Nature Communications</i> , 2020, 11, 4670.	5.8	11
17	Reprogrammable shape morphing of magnetic soft machines. <i>Science Advances</i> , 2020, 6, .	4.7	224
18	Towards artificial molecular factories from framework-embedded molecular machines. <i>Nature Reviews Chemistry</i> , 2020, 4, 550-562.	13.8	97

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20	Engineering ferrite nanoparticles with enhanced magnetic response for advanced biomedical applications. <i>Materials Today Advances</i> , 2020, 8, 100119.	2.5	32
21	Programmable Transformation and Controllable Locomotion of Magnetoactive Soft Materials with 3D-Patterned Magnetization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58179-58190.	4.0	37
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