

Hydration-induced reversible deformation of biological

Nature Reviews Materials

6, 264-283

DOI: [10.1038/s41578-020-00251-2](https://doi.org/10.1038/s41578-020-00251-2)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Wood Composite Plates with Reversible Humidity-driven Deformation. Journal of Physics: Conference Series, 2021, 1906, 012055.	0.3	0
2	Natural Cornstalk Pith as an Effective Energy Absorbing Cellular Material. Journal of Bionic Engineering, 2021, 18, 600-610.	2.7	5
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4	Design of MXene Composites with Biomimetic Rapid and Self-Oscillating Actuation under Ambient Circumstances. ACS Applied Materials & Interfaces, 2021, 13, 31978-31985.	4.0	44
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8	Ion-responsive chitosan hydrogel actuator inspired by carrotwood seed pod. Carbohydrate Polymers, 2022, 276, 118759.	5.1	34
9	3D printed ultra-fast photothermal responsive shape memory hydrogel for microrobots. International Journal of Extreme Manufacturing, 2022, 4, 015302.	6.3	34
10	Spontaneous Electro-Feedback Vaporesponsive Actuation Film Inspired by Mammal Hair. SSRN Electronic Journal, 0, , .	0.4	0
11	Antifatigue Hydration-Induced Polysaccharide Hydrogel Actuators Inspired by Crab Joint Wrinkles. ACS Applied Materials & Interfaces, 2022, 14, 6251-6260.	4.0	11
12	Spontaneous electro-feedback vaporesponsive actuation film inspired by mammal hair. Nano Energy, 2022, 94, 106933.	8.2	1
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16	Hierarchically non-uniform structures determine the hydro-actuated bending deformation of camel hair. Cell Reports Physical Science, 2022, 3, 100793.	2.8	2
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21	Review: Tertiary cell wall of plant fibers as a source of inspiration in material design. Carbohydrate Polymers, 2022, 295, 119849.	5.1	8
22	3D Printing of Polymer Hydrogelsâ€”From Basic Techniques to Programmable Actuation. Advanced Functional Materials, 2022, 32, .	7.8	43
23	Equine hoof wall: Structure, properties, and bioinspired designs. Acta Biomaterialia, 2022, 151, 426-445.	4.1	8
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32	Controllable Transition Metal-Directed Assembly of [Mo<sub>2</sub>O<sub>2</sub>S<sub>2</sub>]<sup>2+</sup> Building Blocks into Smart Molecular Humidity-Responsive Actuators. Journal of the American Chemical Society, 2023, 145, 2243-2251.	6.6	12
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