

Xu Dong

List of Publications by Year in descending order

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1479
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#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube Hybrid Yarn with Mechanically Strong Healable Silicone Elastomers for Artificial Muscle. ACS Applied Nano Materials, 2021, 4, 5123-5130.	2.4	16
2	Sunlight-Driven Continuous Flapping-Wing Motion. ACS Applied Materials & Interfaces, 2020, 12, 6460-6470.	4.0	18
3	A transparent, tough self-healing hydrogel based on a dual physically and chemically triple crosslinked network. Journal of Materials Chemistry C, 2019, 7, 14581-14587.	2.7	20
4	An ultra-large deformation bidirectional actuator based on a carbon nanotube/PDMS composite and a chitosan film. Journal of Materials Chemistry B, 2019, 7, 7558-7565.	2.9	15
5	Method for improving illumination instability of organic-inorganic halide perovskite solar cells. Science Bulletin, 2016, 61, 236-244.	4.3	13
6	A promising alternative solvent of perovskite to induce rapid crystallization for high-efficiency photovoltaic devices. RSC Advances, 2015, 5, 20521-20529.	1.7	73
7	Improvement of the humidity stability of organic-inorganic perovskite solar cells using ultrathin Al ₂ O ₃ layers prepared by atomic layer deposition. Journal of Materials Chemistry A, 2015, 3, 5360-5367.	5.2	307
8	Improved photovoltaic performance in perovskite solar cells based on CH ₃ NH ₃ PbI ₃ films fabricated under controlled relative humidity. RSC Advances, 2015, 5, 93957-93963.	1.7	29
9	The effect of ALD-ZnO layers on the formation of CH ₃ NH ₃ PbI ₃ with different perovskite precursors and sintering temperatures. Chemical Communications, 2014, 50, 14405-14408.	2.2	117