

Yu-Xin Xie

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Light-driven core-shell fiber actuator based on carbon nanotubes/liquid crystal elastomer for artificial muscle and phototropic locomotion. Carbon, 2022, 187, 97-107.	5.4	57
2	Nonlinear oscillations of a one-dimensional dielectric elastomer generator system. Extreme Mechanics Letters, 2022, 53, 101718.	2.0	8
3	Engineering bacteria for high-performance three-dimensional carbon nanofiber aerogel. Carbon, 2021, 183, 267-276.	5.4	8
4	Collision phenomenon of lunar-soil particles under engine plume in a vacuum by numerical study. Acta Astronautica, 2021, 189, 615-623.	1.7	3
5	Localized bulging in an inflated bilayer tube of arbitrary thickness: Effects of the stiffness ratio and constitutive model. International Journal of Solids and Structures, 2019, 176-177, 173-184.	1.3	13
6	Prevention of localized bulging in an inflated bilayer tube. International Journal of Mechanical Sciences, 2019, 153-154, 359-368.	3.6	19
7	Localized necking of a dielectric membrane. Extreme Mechanics Letters, 2018, 21, 44-48.	2.0	30
8	A reduced model for electrodes-coated dielectric plates. International Journal of Non-Linear Mechanics, 2018, 106, 60-69.	1.4	11
9	Explicit computational model of dielectric elastomeric lenses. Optics Express, 2017, 25, 28710.	1.7	5