Jisoo Jeon

List of Publications by Year in descending order

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17 papers	410 citations	758635 12 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	475 citing authors

#	Article	IF	Citations
1	Lightâ€Fueled Climbing of Monolithic Torsional Soft Robots via Molecular Engineering. Advanced Intelligent Systems, 2022, 4, 2100148.	3.3	13
2	Toxic Gas-Free Synthesis of Extremely Negative Triboelectric Sulfur Copolymer Blends Via Phase Separation of Fluorine-Rich Polymers. Nano Energy, 2022, 92, 106761.	8.2	10
3	Height-Tunable Replica Molding Using Viscous Polymeric Resins. ACS Macro Letters, 2022, 11, 428-433.	2.3	0
4	High crystallinity of tunicate cellulose nanofibers for high-performance engineering films. Carbohydrate Polymers, 2021, 254, 117470.	5.1	22
5	Continuous and programmable photomechanical jumping of polymer monoliths. Materials Today, 2021, 49, 97-106.	8.3	55
6	Photoâ€Triggered Shape Reconfiguration in Stretchable Reduced Graphene Oxideâ€Patterned Azobenzeneâ€Functionalized Liquid Crystalline Polymer Networks. Advanced Functional Materials, 2021, 31, 2102106.	7.8	14
7	Programmable Liquid Crystal Defect Arrays via Electric Field Modulation for Mechanically Functional Liquid Crystal Networks. ACS Applied Materials & Interfaces, 2021, 13, 36253-36261.	4.0	15
8	High-Speed Production of Crystalline Semiconducting Polymer Line Arrays by Meniscus Oscillation Self-Assembly. ACS Nano, 2020, 14, 17254-17261.	7.3	10
9	Enhancement of Magnetoâ€Mechanical Actuation of Micropillar Arrays by Anisotropic Stress Distribution. Small, 2020, 16, e2003179.	5.2	20
10	Shape-Programmed Fabrication and Actuation of Magnetically Active Micropost Arrays. ACS Applied Materials & Interfaces, 2020, 12, 17113-17120.	4.0	44
11	Naturally Derived Melanin Nanoparticle Composites with High Electrical Conductivity and Biodegradability. Particle and Particle Systems Characterization, 2019, 36, 1900166.	1.2	28
12	Rational molecular design of polymeric materials toward efficient triboelectric energy harvesting. Nano Energy, 2019, 66, 104158.	8.2	32
13	On-demand orbital maneuver of multiple soft robots via hierarchical magnetomotility. Nature Communications, 2019, 10, 4751.	5.8	48
14	Contactless Manipulation of Soft Robots. Materials, 2019, 12, 3065.	1.3	34
15	Three-dimensional micropatterning of semiconducting polymers via capillary force-assisted evaporative self-assembly. Soft Matter, 2019, 15, 3854-3863.	1.2	10
16	Magnetomotility of untethered helical soft robots. RSC Advances, 2019, 9, 11272-11280.	1.7	39
17	Introduction of primary chemical bonding in lignin-based PP composites for mechanical reinforcement via reactive extrusion. Composites Part B: Engineering, 2019, 165, 510-515.	5.9	16