

Jisoo Jeon

List of Publications by Year in descending order

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17
papers

410
citations

758635

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940134

16
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18
all docs

18
docs citations

18
times ranked

475
citing authors

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