

Wonseok Hwang

List of Publications by Year in descending order

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16
papers

573
citations

759233

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940533

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845
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistically Tailoring Mechanical and Optical Properties of Diblock Copolymer Thermoplastic Elastomers via Lanthanide Coordination. <i>Chemistry of Materials</i> , 2022, 34, 1578-1589.	6.7	17
2	Melanin pigments extracted from horsehair as antibacterial agents. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1536-1545.	5.8	26
3	A flexible mesofiber-based fast current collector. <i>Journal of Materials Science</i> , 2020, 55, 11391-11402.	3.7	2
4	Supramolecular luminescent triblock copolymer thermoplastic elastomer via metal-ligand coordination. <i>Polymer Testing</i> , 2019, 78, 105956.	4.8	16
5	Mechanistic understanding of monovalent cation transport in eumelanin pigments. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6355-6361.	5.8	15
6	Crystal Structure of a Tetrameric DNA Fold-Back Quadruplex. <i>Journal of the American Chemical Society</i> , 2018, 140, 16291-16298.	13.7	13
7	Dynamic Sub-10-nm Nanostructured Ultrathin Films of Sugar-Polyolefin Conjugates Thermoresponsive at Physiological Temperatures. <i>Journal of the American Chemical Society</i> , 2017, 139, 5281-5284.	13.7	49
8	End-Group-Functionalized Poly(olefinates) as Non-Polar Building Blocks: Self-Assembly of Sugar-Polyolefin Hybrid Conjugates. <i>Angewandte Chemie</i> , 2016, 128, 4761-4765.	2.0	13
9	End-Group-Functionalized Poly(olefinates) as Non-Polar Building Blocks: Self-Assembly of Sugar-Polyolefin Hybrid Conjugates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4683-4687.	13.8	59
10	Superabsorbent Hydrogels That Are Robust and Highly Stretchable. <i>Macromolecules</i> , 2014, 47, 4445-4452.	4.8	181
11	Dinuclear Bis-Propagators for the Stereoselective Living Coordinative Chain Transfer Polymerization of Propene. <i>Journal of the American Chemical Society</i> , 2013, 135, 2132-2135.	13.7	56
12	Surface Induced Nanofiber Growth by Self-Assembly of a Silk-Elastin-like Protein Polymer. <i>Langmuir</i> , 2009, 25, 12682-12686.	3.5	69
13	Control of the Area Density of Vertically Grown ZnO Nanowires by Blending PS-P4VP and PS-PAA Copolymer Micelles. <i>Chemistry of Materials</i> , 2008, 20, 6041-6047.	6.7	22
14	Selective attachment of multi-walled carbon nanotubes on poly(dimethyl siloxane) substrates. <i>Macromolecular Research</i> , 2006, 14, 579-583.	2.4	4
15	Direct patterning of self assembled nano-structures of block copolymers via electron beam lithography. <i>Macromolecular Research</i> , 2005, 13, 435-440.	2.4	12
16	Micropatterning of block copolymer micelle thin films using solvent capillary contact printing. <i>Nanotechnology</i> , 2005, 16, 2897-2902.	2.6	19