

Wonseok Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10992586/publications.pdf>

Version: 2024-02-01

16
papers

573
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

845
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Superabsorbent Hydrogels That Are Robust and Highly Stretchable. <i>Macromolecules</i> , 2014, 47, 4445-4452. | 4.8 | 181 |
| 2 | Surface Induced Nanofiber Growth by Self-Assembly of a Silk-Elastin-like Protein Polymer. <i>Langmuir</i> , 2009, 25, 12682-12686. | 3.5 | 69 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Melanin pigments extracted from horsehair as antibacterial agents. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1536-1545. | 5.8 | 26 |
| 7 | 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 |
| 8 | Micropatterning of block copolymer micelle thin films using solvent capillary contact printing. <i>Nanotechnology</i> , 2005, 16, 2897-2902. | 2.6 | 19 |
| 9 | 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 |
| 10 | Supramolecular luminescent triblock copolymer thermoplastic elastomer via metal-ligand coordination. <i>Polymer Testing</i> , 2019, 78, 105956. | 4.8 | 16 |
| 11 | Mechanistic understanding of monovalent cation transport in eumelanin pigments. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6355-6361. | 5.8 | 15 |
| 12 | 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 |
| 13 | Crystal Structure of a Tetrameric DNA Fold-Back Quadruplex. <i>Journal of the American Chemical Society</i> , 2018, 140, 16291-16298. | 13.7 | 13 |
| 14 | 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 |
| 15 | Selective attachment of multi-walled carbon nanotubes on poly(dimethyl siloxane)substrates. <i>Macromolecular Research</i> , 2006, 14, 579-583. | 2.4 | 4 |
| 16 | A flexible mesofiber-based fast current collector. <i>Journal of Materials Science</i> , 2020, 55, 11391-11402. | 3.7 | 2 |