# Bert Meijer

## List of Publications by Year in descending order



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|---|---|---|---|
| 802 papers | 87,915 citations | 435 131 h-index | 568 263 g-index |
| 884 all docs | 884 docs citations | 884 times ranked | 41814 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tuning the donorâ€“acceptor interactions in phase-segregated block molecules. Materials Horizons, 2022, 9, 294-302. | 12.2 | 12 |
| 2 | Expanding quasiperiodicity in soft matter: Supramolecular decagonal quasicrystals by binary giant molecule blends. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 24 |
| 3 | Controlling the length of porphyrin supramolecular polymers via coupled equilibria and dilution-induced supramolecular polymerization. Nature Communications, 2022, 13, 248. | 12.8 | 54 |
| 4 | Photoâ€Imprinting of the Helical Organization in Liquidâ€Crystal Networks Using Achiral Monomers and Circularly Polarized Light. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 13 |
| 5 | Supramolecular polymer materials bring restorative heart valve therapy to patients. Materials Today, 2022, 52, 175-187. | 14.2 | 18 |
| 6 | Helical bias in supramolecular polymers accounts for different stabilities of kinetically trapped states. Journal of Polymer Science, 2022, 60, 1871-1877. | 3.8 | 5 |
| 7 | Structure and Dynamics of Supramolecular Polymers: Wait and See. ACS Macro Letters, 2022, 11, 711-715. | 4.8 | 10 |
| 8 | Supramolecular glycopolymers: How carbohydrates matter in structure, dynamics, and function. Current Opinion in Chemical Biology, 2022, 69, 102171. | 6.1 | 9 |
| 9 | Competition between Circularly Polarized Light and Molecular Chirality in the Assembly of Main-chain Liquid Crystalline Polymers. Chemistry Letters, 2022, 51, 713-715. | 1.3 | 1 |
| 10 | Dilution-induced gel-sol-gel-sol transitions by competitive supramolecular pathways in water. Science, 2022, 377, 213-218. | 12.6 | 47 |
| 11 | In situ Synthesis of Supramolecular Polymers: Finding the Right Conditions when Combining Covalent and Nonâ€Covalent Synthesis. Angewandte Chemie, 2022, 134, . | 2.0 | 4 |
| 12 | In situ Synthesis of Supramolecular Polymers: Finding the Right Conditions when Combining Covalent and Nonâ€Covalent Synthesis. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 13 |
| 13 | Helicity Control in the Aggregation of Achiral Squaraine Dyes in Solution and Thin Films. Chemistry - A European Journal, 2021, 27, 298-306. | 3.3 | 11 |
| 14 | Stepwise Adsorption of Alkoxyâ€Pyrene Derivatives onto a Lamellar, Nonâ€Porous Naphthalenediimideâ€Template on HOPG. Chemistry - A European Journal, 2021, 27, 207-211. | 3.3 | 3 |
| 15 | Competition between chiral solvents and chiral monomers in the helical bias of supramolecular polymers. Nature Chemistry, 2021, 13, 200-207. | 13.6 | 87 |
| 16 | Consequences of Chirality in Directing the Pathway of Cholesteric Helix Inversion of Ï€â€Conjugated Polymers by Light. Advanced Materials, 2021, 33, e2005720. | 21.0 | 32 |
| 17 | The iterative synthesis of discrete dimethylsiloxane oligomers: A practical guide. Journal of Polymer Science, 2021, 59, 1142-1150. | 3.8 | 14 |
| 18 | Temperature-dependent modulation by biaryl-based monomers of the chain length and morphology of biphenyl-based supramolecular polymers. Chemical Science, 2021, 12, 13001-13012. | 7.4 | 6 |

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|---|---|---|---|
| 19 | Depolymerization of supramolecular polymers by a covalent reaction; transforming an intercalator into a sequestrator. Chemical Science, 2021, 12, 13572-13579. | 7.4 | 11 |
| 20 | Stereochemical language in supramolecular polymer chemistry: How we can do better. Journal of Polymer Science, 2021, 59, 1171-1174. | 3.8 | 20 |
| 21 | Properties and applications of precision oligomer materials; where organic and polymer chemistry join forces. Journal of Polymer Science, 2021, 59, 373-403. | 3.8 | 70 |
| 22 | Elucidating dynamic behavior of synthetic supramolecular polymers in water by hydrogen/deuterium exchange mass spectrometry. Journal of Polymer Science, 2021, 59, 1151-1161. | 3.8 | 11 |
| 23 | Coupled liquid crystalline oscillators in Huygensâ€™ synchrony. Nature Materials, 2021, 20, 1702-1706. | 27.5 | 44 |
| 24 | Photoâ€controlled alignment and helical organization in mainâ€chain liquid crystalline alternating polymers. Journal of Polymer Science, 2021, 59, 1131-1141. | 3.8 | 10 |
| 25 | Oligodimethylsiloxane-Oligoproline Block Co-Oligomers: the Interplay between Aggregation and Phase Segregation in Bulk and Solution. Journal of the American Chemical Society, 2021, 143, 4032-4042. | 13.7 | 5 |
| 26 | Spin Filtering in Supramolecular Polymers Assembled from Achiral Monomers Mediated by Chiral Solvents. Journal of the American Chemical Society, 2021, 143, 7189-7195. | 13.7 | 68 |
| 27 | Supramolecular Systems Containing Bâ€“N Frustrated Lewis Pairs of Tris(pentafluorophenyl)borane and Triphenylamine Derivatives. Organic Materials, 2021, 03, 174-183. | 2.0 | 7 |
| 28 | Consequences of Amide Connectivity in the Supramolecular Polymerization of Porphyrins: Spectroscopic Observations Rationalized by Theoretical Modelling. Chemistry - A European Journal, 2021, 27, 9700-9707. | 3.3 | 16 |
| 29 | Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. Journal of the American Chemical Society, 2021, 143, 8772-8779. | 13.7 | 47 |
| 30 | Magnetic Control over the Fractal Dimension of Supramolecular Rod Networks. Journal of the American Chemical Society, 2021, 143, 11914-11918. | 13.7 | 6 |
| 31 | Chirality and Supramolecular Copolymerizations â€“ The Elusive Role of Subtle Solvation Effects. Israel Journal of Chemistry, 2021, 61, 622-628. | 2.3 | 4 |
| 32 | Self-Assembled Multi- and Single-Chain Glyconanoparticles and Their Lectin Recognition. Biomacromolecules, 2021, 22, 661-670. | 5.4 | 12 |
| 33 | Unraveling the Complexity of Supramolecular Copolymerization Dictated by Triazineâ€“Benzene Interactions. Journal of the American Chemical Society, 2021, 143, 17128-17135. | 13.7 | 30 |
| 34 | Introducing Hyaluronic Acid into Supramolecular Polymers and Hydrogels. Biomacromolecules, 2021, 22, 4633-4641. | 5.4 | 7 |
| 35 | Kees Hummelen: a creative, inspirational and unorthodox scientist from Groningen. Journal of Materials Chemistry C, 2021, 9, 16059-16064. | 5.5 | 0 |
| 36 | Choline-Functionalized Supramolecular Copolymers: Toward Antimicrobial Activity against Streptococcus pneumoniae. Biomacromolecules, 2021, , . | 5.4 | 1 |

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| 37 | Double Lamellar Morphologies and Oddâ€“Even Effects in Two- and Three-Dimensional N,Nâ€²-bis(n-alkyl)-naphthalenediimide Materials. Chemistry of Materials, 2021, 33, 8800-8811. | 6.7 | 7 |
| 38 | Counterintuitive consequences of competitive pathways in supramolecular polymerizations. Journal of Polymer Science, 2020, 58, 25-29. | 3.8 | 6 |
| 39 | Distinct Pathways in â€œThermally Bisignate Supramolecular Polymerizationâ€: Spectroscopic and Computational Studies. Journal of the American Chemical Society, 2020, 142, 598-605. | 13.7 | 38 |
| 40 | Architecture-Dependent Interplay between Self-Assembly and Crystallization in Discrete Block Co-Oligomers. ACS Macro Letters, 2020, 9, 38-42. | 4.8 | 11 |
| 41 | Exploring the Potential of Benzene-1,3,5-tricarboxamide Supramolecular Polymers as Biomaterials. Biomacromolecules, 2020, 21, 4105-4115. | 5.4 | 21 |
| 42 | Supramolecular double-stranded Archimedean spirals and concentric toroids. Nature Communications, 2020, 11, 3578. | 12.8 | 67 |
| 43 | Soluteâ€“Solvent Interactions in Modern Physical Organic Chemistry: Supramolecular Polymers as a Muse. Journal of the American Chemical Society, 2020, 142, 19781-19798. | 13.7 | 101 |
| 44 | Biasing the Screw-Sense of Supramolecular Coassemblies Featuring Multiple Helical States. Journal of the American Chemical Society, 2020, 142, 20191-20200. | 13.7 | 28 |
| 45 | Consequences of Molecular Architecture on the Supramolecular Assembly of Discrete Block Co-oligomers. Macromolecules, 2020, 53, 10289-10298. | 4.8 | 14 |
| 46 | Highly Ordered 2Dâ€Assemblies of Phaseâ€Segregated Block Molecules for Upconverted Linearly Polarized Emission. Advanced Materials, 2020, 32, e2004775. | 21.0 | 14 |
| 47 | Long-Lived Charge-Transfer State from Bâ€“N Frustrated Lewis Pairs Enchained in Supramolecular Copolymers. Journal of the American Chemical Society, 2020, 142, 16681-16689. | 13.7 | 86 |
| 48 | Competitive Supramolecular Associations Mediate the Viscoelasticity of Binary Hydrogels. ACS Central Science, 2020, 6, 1401-1411. | 11.3 | 22 |
| 49 | Anchoring Supramolecular Polymers to Human Red Blood Cells by Combining Dynamic Covalent and Nonâ€Covalent Chemistries. Angewandte Chemie, 2020, 132, 17382-17386. | 2.0 | 7 |
| 50 | Supramolecular Double Helices from Small C<sub>3</sub>-Symmetrical Molecules Aggregated in Water. Journal of the American Chemical Society, 2020, 142, 17644-17652. | 13.7 | 30 |
| 51 | Combinatorial Selection Among Geometrical Isomers of Discrete Long-Carbon-Chain Naphthalenediimides Induces Local Order at the Liquid/Solid Interface. ACS Nano, 2020, 14, 13865-13875. | 14.6 | 4 |
| 52 | Amphiphilic Polymeric Nanoparticles for Photoredox Catalysis in Water. Chemistry - A European Journal, 2020, 26, 10355-10361. | 3.3 | 30 |
| 53 | How Water in Aliphatic Solvents Directs the Interference of Chemical Reactivity in a Supramolecular System. Journal of the American Chemical Society, 2020, 142, 12400-12408. | 13.7 | 17 |
| 54 | Stereocontrolled, multi-functional sequence-defined oligomers through automated synthesis. Polymer Chemistry, 2020, 11, 4271-4280. | 3.9 | 32 |

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| 55 | Photodynamic Control of the Chain Length in Supramolecular Polymers: Switching an Intercalator into a Chain Capper. Journal of the American Chemical Society, 2020, 142, 6295-6303. | 13.7 | 47 |
| 56 | Tuning polymer properties of non-covalent crosslinked PDMS by varying supramolecular interaction strength. Polymer Chemistry, 2020, 11, 2847-2854. | 3.9 | 24 |
| 57 | Anchoring Supramolecular Polymers to Human Red Blood Cells by Combining Dynamic Covalent and Nonâ€Covalent Chemistries. Angewandte Chemie - International Edition, 2020, 59, 17229-17233. | 13.8 | 15 |
| 58 | Supramolecular Polymers â€“ we've Come Full Circle. Israel Journal of Chemistry, 2020, 60, 33-47. | 2.3 | 145 |
| 59 | Engineering Long-Range Order in Supramolecular Assemblies on Surfaces: The Paramount Role of Internal Double Bonds in Discrete Long-Chain Naphthalenediimides. Journal of the American Chemical Society, 2020, 142, 4070-4078. | 13.7 | 19 |
| 60 | Highly Efficient and Tunable Filtering of Electrons' Spin by Supramolecular Chirality of Nanofiberâ€Based Materials. Advanced Materials, 2020, 32, e1904965. | 21.0 | 139 |
| 61 | Supramolecular Polymerization: A Conceptual Expansion for Innovative Materials. Progress in Polymer Science, 2020, 105, 101250. | 24.7 | 164 |
| 62 | How to Determine the Role of an Additive on the Length of Supramolecular Polymers?. Organic Materials, 2020, 02, 129-142. | 2.0 | 33 |
| 63 | Enhancing Long-Range Energy Transport in Supramolecular Architectures by Tailoring Coherence Properties. Journal of the American Chemical Society, 2020, 142, 8323-8330. | 13.7 | 43 |
| 64 | Effects of crystallinity and dispersity on the self-assembly behavior of block co-oligomers in water. Polymer Chemistry, 2020, 11, 7170-7177. | 3.9 | 14 |
| 65 | Counterintuitive consequences of competitive pathways in supramolecular polymerizations. Journal of Polymer Science, 2020, 58, 25-29. | 3.8 | 0 |
| 66 | Elucidating the Ordering in Self-Assembled Glycocalyx Mimicking Supramolecular Copolymers in Water. Journal of the American Chemical Society, 2019, 141, 13877-13886. | 13.7 | 47 |
| 67 | Supramolecular interactions between catalytic species allow rational control over reaction kinetics. Chemical Science, 2019, 10, 9115-9124. | 7.4 | 6 |
| 68 | Tuning the Length of Cooperative Supramolecular Polymers under Thermodynamic Control. Journal of the American Chemical Society, 2019, 141, 18278-18285. | 13.7 | 52 |
| 69 | Polymorphism in the Assembly of Phase-Segregated Block Molecules: Pathway Control to 1D and 2D Nanostructures. Journal of the American Chemical Society, 2019, 141, 15456-15463. | 13.7 | 30 |
| 70 | Detailed Approach to Investigate Thermodynamically Controlled Supramolecular Copolymerizations. Macromolecules, 2019, 52, 7430-7438. | 4.8 | 25 |
| 71 | Stereocomplexes of Discrete, Isotactic Lactic Acid Oligomers Conjugated with Oligodimethylsiloxanes. Macromolecules, 2019, 52, 1200-1209. | 4.8 | 38 |
| 72 | Chiral Aggregates of Triphenylamineâ€Based Dyes for Depleting the Production of Hydrogen Peroxide in the Photochemical Waterâ€Splitting Process. Helvetica Chimica Acta, 2019, 102, e1900065. | 1.6 | 2 |

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| 73 | Molecular Design Principles for Achieving Strong Chiroptical Properties of Fluorene Copolymers in Thin Films. Chemistry of Materials, 2019, 31, 6633-6641. | 6.7 | 52 |
| 74 | Future of Supramolecular Copolymers Unveiled by Reflecting on Covalent Copolymerization. Journal of the American Chemical Society, 2019, 141, 6110-6121. | 13.7 | 130 |
| 75 | DNA-Functionalized Supramolecular Polymers: Dynamic Multicomponent Assemblies with Emergent Properties. Bioconjugate Chemistry, 2019, 30, 1905-1914. | 3.6 | 31 |
| 76 | Directing the Solid-State Organization of Racemates via Structural Mutation and Solution-State Assembly Processes. Journal of the American Chemical Society, 2019, 141, 6302-6309. | 13.7 | 22 |
| 77 | The construction of supramolecular systems. Science, 2019, 363, 1396-1397. | 12.6 | 150 |
| 78 | Insights into the Kinetics of Supramolecular Comonomer Incorporation in Water. Macromolecules, 2019, 52, 3049-3055. | 4.8 | 14 |
| 79 | A stochastic view on surface inhomogeneity of nanoparticles. Nature Communications, 2019, 10, 1663. | 12.8 | 20 |
| 80 | Selenoamides modulate dipoleâ€“dipole interactions in hydrogen bonded supramolecular polymers of 1,3,5-substituted benzenes. Chemical Communications, 2019, 55, 14906-14909. | 4.1 | 20 |
| 81 | The effect of dendritic pendants on the folding of amphiphilic copolymers via supramolecular interactions. Journal of Polymer Science Part A, 2019, 57, 411-421. | 2.3 | 7 |
| 82 | Discrete oligodimethylsiloxaneâ€“oligomethylene di- and triblock co-oligomers: synthesis, self-assembly and molecular organisation. Polymer Chemistry, 2018, 9, 2746-2758. | 3.9 | 27 |
| 83 | Supramolecular Platform Stabilizing Growth Factors. Biomacromolecules, 2018, 19, 2610-2617. | 5.4 | 11 |
| 84 | Consequences of Dispersity on the Self-Assembly of ABA-Type Amphiphilic Block Co-Oligomers. ACS Macro Letters, 2018, 7, 546-550. | 4.8 | 53 |
| 85 | Catalytically Active Single-Chain Polymeric Nanoparticles: Exploring Their Functions in Complex Biological Media. Journal of the American Chemical Society, 2018, 140, 3423-3433. | 13.7 | 141 |
| 86 | Controlling protein activity by dynamic recruitment on a supramolecular polymer platform. Nature Communications, 2018, 9, 65. | 12.8 | 47 |
| 87 | Supramolecular Copolymerization as a Strategy to Control the Stability of Selfâ€Assembled Nanofibers. Angewandte Chemie - International Edition, 2018, 57, 6843-6847. | 13.8 | 44 |
| 88 | Painting Supramolecular Polymers in Organic Solvents by Super-resolution Microscopy. ACS Nano, 2018, 12, 4431-4439. | 14.6 | 35 |
| 89 | Supramolecular Loop Stitches of Discrete Block Molecules on Graphite: Tunable Hydrophobicity by Naphthalenediimide End-Capped Oligodimethylsiloxane. Chemistry of Materials, 2018, 30, 3372-3378. | 6.7 | 15 |
| 90 | Fragmentation of organic ions bearing fixed multiple charges observed in <scp>MALDI MS</scp>. Journal of Mass Spectrometry, 2018, 53, 39-47. | 1.6 | 3 |

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| 91 | Photoswitchable Nanomaterials Based on Hierarchically Organized Siloxane Oligomers. Advanced Functional Materials, 2018, 28, 1703952. | 14.9 | 86 |
| 92 | Effect of Intra- versus Intermolecular Cross-Linking on the Supramolecular Folding of a Polymer Chain. Macromolecules, 2018, 51, 8853-8861. | 4.8 | 30 |
| 93 | Polymorphism in Benzene-1,3,5-tricarboxamide Supramolecular Assemblies in Water: A Subtle Trade-off between Structure and Dynamics. Journal of the American Chemical Society, 2018, 140, 13308-13316. | 13.7 | 73 |
| 94 | Impact of the water-compatible periphery on the dynamic and structural properties of benzene-1,3,5-tricarboxamide based amphiphiles. Chemical Communications, 2018, 54, 11128-11131. | 4.1 | 19 |
| 95 | Supramolecular Copolymerization as a Strategy to Control the Stability of Selfâ€Assembled Nanofibers. Angewandte Chemie, 2018, 130, 6959-6963. | 2.0 | 12 |
| 96 | Selfâ€sustained actuation from heat dissipation in liquid crystal polymer networks. Journal of Polymer Science Part A, 2018, 56, 1331-1336. | 2.3 | 33 |
| 97 | Potential enthalpic energy of water in oils exploited to control supramolecular structure. Nature, 2018, 558, 100-103. | 27.8 | 123 |
| 98 | Catalytic single-chain polymeric nanoparticles at work: from ensemble towards single-particle kinetics. Molecular Systems Design and Engineering, 2018, 3, 609-618. | 3.4 | 36 |
| 99 | Amplifying Chiroptical Properties of Conjugated Polymer Thin-Film Using an Achiral Additive. Macromolecules, 2018, 51, 5883-5890. | 4.8 | 28 |
| 100 | Supramolecular Block Copolymers under Thermodynamic Control. Journal of the American Chemical Society, 2018, 140, 7168-7175. | 13.7 | 119 |
| 101 | Competing Interactions in Hierarchical Porphyrin Self-Assembly Introduce Robustness in Pathway Complexity. Journal of the American Chemical Society, 2018, 140, 7810-7819. | 13.7 | 123 |
| 102 | Consequences of a cosolvent on the structure and molecular dynamics of supramolecular polymers in water. Chemical Science, 2018, 9, 6199-6209. | 7.4 | 33 |
| 103 | Control of Electronsâ€™ Spin Eliminates Hydrogen Peroxide Formation During Water Splitting. Journal of the American Chemical Society, 2017, 139, 2794-2798. | 13.7 | 225 |
| 104 | Directing the Selfâ€Assembly Behaviour of Porphyrinâ€Based Supramolecular Systems. Chemistry - A European Journal, 2017, 23, 3773-3783. | 3.3 | 67 |
| 105 | Controlling and tuning the dynamic nature of supramolecular polymers in aqueous solutions. Chemical Communications, 2017, 53, 2279-2282. | 4.1 | 62 |
| 106 | Mastering the Photothermal Effect in Liquid Crystal Networks: A General Approach for Selfâ€sustained Mechanical Oscillators. Advanced Materials, 2017, 29, 1606712. | 21.0 | 191 |
| 107 | Dynamic diversity of synthetic supramolecular polymers in water as revealed by hydrogen/deuterium exchange. Nature Communications, 2017, 8, 15420. | 12.8 | 54 |
| 108 | Supramolecular Copolymers: Structure and Composition Revealed by Theoretical Modeling. Journal of the American Chemical Society, 2017, 139, 7036-7044. | 13.7 | 64 |

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|---|---|---|---|
| 109 | Dispersity under Scrutiny: Phase Behavior Differences between Disperse and Discrete Low Molecular Weight Block Co-Oligomers. ACS Macro Letters, 2017, 6, 674-678. | 4.8 | 57 |
| 110 | Unraveling the Driving Forces in the Self-Assembly of Monodisperse Naphthalenediimide-Oligodimethylsiloxane Block Molecules. ACS Nano, 2017, 11, 3733-3741. | 14.6 | 43 |
| 111 | Self-Assembly of Hydrogen-Bonding Gradient Copolymers: Sequence Control via Tandem Living Radical Polymerization with Transesterification. Macromolecules, 2017, 50, 3215-3223. | 4.8 | 27 |
| 112 | Mesoscopic helical architectures via self-assembly of porphyrin-based discotic systems. Chemical Communications, 2017, 53, 4084-4087. | 4.1 | 13 |
| 113 | Highly circularly polarized broad-band emission from chiral naphthalene diimide-based supramolecular aggregates. Journal of Materials Chemistry C, 2017, 5, 3609-3615. | 5.5 | 50 |
| 114 | Unravelling the Pathway Complexity in Conformationally Flexible Nâ€Centered Triarylamine Trisamides. Chemistry - A European Journal, 2017, 23, 6103-6110. | 3.3 | 64 |
| 115 | Ferroelectric self-assembled molecular materials showing both rectifying and switchable conductivity. Science Advances, 2017, 3, e1701017. | 10.3 | 57 |
| 116 | From supramolecular polymers to multi-component biomaterials. Chemical Society Reviews, 2017, 46, 6621-6637. | 38.1 | 311 |
| 117 | Amplifying (Im)perfection: The Impact of Crystallinity in Discrete and Disperse Block Co-oligomers. Journal of the American Chemical Society, 2017, 139, 14869-14872. | 13.7 | 53 |
| 118 | Improving the Folding of Supramolecular Copolymers by Controlling the Assembly Pathway Complexity. Macromolecules, 2017, 50, 8562-8569. | 4.8 | 38 |
| 119 | Solvent Clathrate Driven Dynamic Stereomutation of a Supramolecular Polymer with Molecular Pockets. Journal of the American Chemical Society, 2017, 139, 13867-13875. | 13.7 | 86 |
| 120 | Preparation of Liquid Crystal Networks for Macroscopic Oscillatory Motion Induced by Light. Journal of Visualized Experiments, 2017, , . | 0.3 | 5 |
| 121 | Supramolecular polymerization of a ureidopyrimidinoneâ€based [2]catenane prepared via ringâ€closing metathesis. Journal of Polymer Science Part A, 2017, 55, 2971-2976. | 2.3 | 6 |
| 122 | Model-driven engineering of supramolecular buffering by multivalency. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12882-12887. | 7.1 | 8 |
| 123 | High Circular Polarization of Electroluminescence Achieved via Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. ACS Nano, 2017, 11, 12713-12722. | 14.6 | 197 |
| 124 | Cooperative Folding of Linear Poly(dimethyl siloxane)s via Supramolecular Interactions. Macromolecular Rapid Communications, 2017, 38, 1700566. | 3.9 | 18 |
| 125 | A four-blade light-driven plastic mill based on hydrazone liquid-crystal networks. Tetrahedron, 2017, 73, 4963-4967. | 1.9 | 90 |
| 126 | Cooperativity Scale: A Structureâ€“Mechanism Correlation in the Self-Assembly of Benzene-1,3,5-tricarboxamides. Accounts of Chemical Research, 2017, 50, 1928-1936. | 15.6 | 147 |

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|---|---|---|---|
| 127 | Making waves in a photoactive polymer film. Nature, 2017, 546, 632-636. | 27.8 | 738 |
| 128 | Pitch and Handedness of the Cholesteric Order in Films of a Chiral Alternating Fluorene Copolymer. Journal of Physical Chemistry B, 2017, 121, 11520-11527. | 2.6 | 26 |
| 129 | Monosaccharides as Versatile Units for Waterâ€Soluble Supramolecular Polymers. Chemistry - A European Journal, 2016, 22, 4608-4615. | 3.3 | 24 |
| 130 | The effect of irradiation by ultraviolet light on ureidoâ€pyrimidinone based biomaterials. Journal of Polymer Science Part A, 2016, 54, 81-90. | 2.3 | 5 |
| 131 | End Groups of Functionalized Siloxane Oligomers Direct Block-Copolymeric or Liquid-Crystalline Self-Assembly Behavior. Journal of the American Chemical Society, 2016, 138, 5693-5698. | 13.7 | 95 |
| 132 | A Versatile Method for the Preparation of Ferroelectric Supramolecular Materials via Radical End-Functionalization of Vinylidene Fluoride Oligomers. Journal of the American Chemical Society, 2016, 138, 6217-6223. | 13.7 | 35 |
| 133 | Regulating Competing Supramolecular Interactions Using Ligand Concentration. Journal of the American Chemical Society, 2016, 138, 6852-6860. | 13.7 | 17 |
| 134 | Consequences of conformational flexibility in hydrogen-bond-driven self-assembly processes. Chemical Communications, 2016, 52, 10870-10873. | 4.1 | 25 |
| 135 | Pathway Complexity in the Enantioselective Self-Assembly of Functional Carbonyl-Bridged Triarylamine Trisamides. Journal of the American Chemical Society, 2016, 138, 10539-10545. | 13.7 | 127 |
| 136 | Scope and Limitations of Supramolecular Autoregulation. Bulletin of the Chemical Society of Japan, 2016, 89, 308-314. | 3.2 | 17 |
| 137 | Generation of gasâ€phase ions from charged clusters: an important ionization step causing suppression of matrix and analyte ions in matrixâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2628-2634. | 1.5 | 10 |
| 138 | Effect of H-Bonding on Order Amplification in the Growth of a Supramolecular Polymer in Water. Journal of the American Chemical Society, 2016, 138, 13985-13995. | 13.7 | 88 |
| 139 | Mechanical properties of single supramolecular polymers from correlative AFM and fluorescence microscopy. Polymer Chemistry, 2016, 7, 7260-7268. | 3.9 | 19 |
| 140 | From precision polymers to complex materials and systems. Nature Reviews Materials, 2016, 1, . | 48.7 | 725 |
| 141 | Super-resolution microscopy reveals structural diversity in molecular exchange among peptide amphiphile nanofibres. Nature Communications, 2016, 7, 11561. | 12.8 | 121 |
| 142 | Exposing Differences in Monomer Exchange Rates of Multicomponent Supramolecular Polymers in Water. ChemBioChem, 2016, 17, 207-213. | 2.6 | 30 |
| 143 | Switchable Charge Injection Barrier in an Organic Supramolecular Semiconductor. ACS Applied Materials & Interfaces, 2016, 8, 15535-15542. | 8.0 | 21 |
| 144 | Multicomponent Supramolecular Polymers as a Modular Platform for Intracellular Delivery. ACS Nano, 2016, 10, 1845-1852. | 14.6 | 81 |

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| 145 | Supramolecular biomaterials. Nature Materials, 2016, 15, 13-26. | 27.5 | 1,226 |
| 146 | In memory of professor Edward J. Kramer. Journal of Polymer Science Part A, 2016, 54, 227-227. | 2.3 | 0 |
| 147 | Supramolecular polymerisation in water; elucidating the role of hydrophobic and hydrogen-bond interactions. Soft Matter, 2016, 12, 2887-2893. | 2.7 | 72 |
| 148 | Imaging Nanostructures by Single-Molecule Localization Microscopy in Organic Solvents. Journal of the American Chemical Society, 2016, 138, 2953-2956. | 13.7 | 28 |
| 149 | Synthesis and Self-Assembly of Discrete Dimethylsiloxaneâ€“Lactic Acid Diblock Co-oligomers: The Dononacontamer and Its Shorter Homologues. Journal of the American Chemical Society, 2016, 138, 4210-4218. | 13.7 | 131 |
| 150 | Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography. Macromolecules, 2016, 49, 2318-2326. | 4.8 | 47 |
| 151 | Surface water retardation around single-chain polymeric nanoparticles: critical for catalytic function?. Chemical Science, 2016, 7, 2011-2015. | 7.4 | 38 |
| 152 | Programmable Supramolecular Polymerizations. Angewandte Chemie - International Edition, 2015, 54, 8334-8336. | 13.8 | 126 |
| 153 | Aromatic Esters of Bicyclic Amines as Antimicrobials against Streptococcus pneumoniae. Angewandte Chemie - International Edition, 2015, 54, 13673-13677. | 13.8 | 7 |
| 154 | Toward modelâ€driven engineering of supramolecular copolymers. Journal of Polymer Science Part A, 2015, 53, 385-391. | 2.3 | 6 |
| 155 | Supramolecular polymers for organocatalysis in water. Organic and Biomolecular Chemistry, 2015, 13, 7711-7719. | 2.8 | 44 |
| 156 | Design and Synthesis of Triblock Copolymers for Creating Complex Secondary Structures by Orthogonal Self-Assembly. Macromolecules, 2015, 48, 8921-8932. | 4.8 | 58 |
| 157 | Triggering Activity of Catalytic Rodâ€Like Supramolecular Polymers. Chemistry - A European Journal, 2015, 21, 3682-3690. | 3.3 | 42 |
| 158 | Supramolecular Buffering by Ringâ€“Chain Competition. Journal of the American Chemical Society, 2015, 137, 1501-1509. | 13.7 | 18 |
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