

Norihiko Sasaki

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

340
citations

840776

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1199594

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docs citations

12
times ranked

297
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Supramolecular double-stranded Archimedean spirals and concentric toroids. <i>Nature Communications</i> , 2020, 11, 3578. | 12.8 | 67 |
| 2 | Automated Electrochemical Assembly of the Protected Potential TMG-chitotriomycin Precursor Based on Rational Optimization of the Carbohydrate Building Block. <i>Organic Letters</i> , 2015, 17, 1525-1528. | 4.6 | 55 |
| 3 | Living supramolecular polymerization based on reversible deactivation of a monomer by using a "dummy" monomer. <i>Chemical Science</i> , 2019, 10, 6770-6776. | 7.4 | 39 |
| 4 | Direct Observation and Manipulation of Supramolecular Polymerization by High-Speed Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15465-15470. | 13.8 | 38 |
| 5 | Total synthesis of TMG-chitotriomycin based on an automated electrochemical assembly of a disaccharide building block. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 919-924. | 2.2 | 30 |
| 6 | Control over the Aspect Ratio of Supramolecular Nanosheets by Molecular Design. <i>Chemistry - A European Journal</i> , 2020, 26, 7840-7846. | 3.3 | 28 |
| 7 | Rational optimization of the mannoside building block for automated electrochemical assembly of the core trisaccharide of GPI anchor oligosaccharides. <i>Carbohydrate Research</i> , 2017, 450, 44-48. | 2.3 | 24 |
| 8 | Synthesis of a TMG-chitotriomycin Precursor Based on Electrolyte-free Electrochemical Glycosylation Using an Ionic Liquid Tag. <i>Chemistry Letters</i> , 2017, 46, 683-685. | 1.3 | 16 |
| 9 | Electrochemical Glycosylation as an Enabling Tool for the Stereoselective Synthesis of Cyclic Oligosaccharides. <i>ChemistryOpen</i> , 2019, 8, 869-872. | 1.9 | 15 |
| 10 | Direct Observation and Manipulation of Supramolecular Polymerization by High-Speed Atomic Force Microscopy. <i>Angewandte Chemie</i> , 2018, 130, 15691-15696. | 2.0 | 13 |
| 11 | Ionic Liquid Tag with Multiple Functions in Electrochemical Glycosylation. <i>ChemElectroChem</i> , 2016, 3, 2012-2016. | 3.4 | 11 |
| 12 | Multistep molecular and macromolecular assembly for the creation of complex nanostructures. <i>Chemical Physics Reviews</i> , 2022, 3, 021305. | 5.7 | 4 |