

Steffen L Woltering

List of Publications by Year in descending order

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14
papers

1,004
citations

840776

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996975

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docs citations

17
times ranked

1043
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5941-5947. | 13.8 | 13 |
| 2 | A molecular endless (74) knot. <i>Nature Chemistry</i> , 2021, 13, 117-122. | 13.6 | 85 |
| 3 | A Short History of Cyclocarbons. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 798-811. | 3.2 | 29 |
| 4 | Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes**. <i>Angewandte Chemie</i> , 2021, 133, 6006-6012. | 2.0 | 6 |
| 5 | Synthesis of Cyclo[18]carbon via Debromination of C ₁₈ Br ₆ . <i>Journal of the American Chemical Society</i> , 2020, 142, 12921-12924. | 13.7 | 71 |
| 6 | Photochemical Unmasking of Polyne Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 13523-13532. | 13.7 | 20 |
| 7 | Comment on "Coordination-Driven Self-Assembly of a Molecular Knot Comprising Sixteen Crossings". <i>Angewandte Chemie</i> , 2018, 130, 12390-12392. | 2.0 | 1 |
| 8 | Comment on "Coordination-Driven Self-Assembly of a Molecular Knot Comprising Sixteen Crossings". <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12212-12214. | 13.8 | 15 |
| 9 | Braiding a molecular knot with eight crossings. <i>Science</i> , 2017, 355, 159-162. | 12.6 | 209 |
| 10 | Molecular Knots. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11166-11194. | 13.8 | 244 |
| 11 | Molekulare Knoten. <i>Angewandte Chemie</i> , 2017, 129, 11318-11347. | 2.0 | 62 |
| 12 | Allosteric initiation and regulation of catalysis with a molecular knot. <i>Science</i> , 2016, 352, 1555-1559. | 12.6 | 204 |
| 13 | A Simple and Highly Effective Ligand System for the Copper(I)-Mediated Assembly of Rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13771-13774. | 13.8 | 28 |
| 14 | A scalable synthesis of 5,5'-dibromo-2,2'-bipyridine and its stepwise functionalization via Stille couplings. <i>Nature Protocols</i> , 2012, 7, 2022-2028. | 12.0 | 10 |