

Steffen L Woltering

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7036097/publications.pdf>

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14
papers

1,004
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1043
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Knots. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11166-11194.	13.8	244
2	Braiding a molecular knot with eight crossings. <i>Science</i> , 2017, 355, 159-162.	12.6	209
3	Allosteric initiation and regulation of catalysis with a molecular knot. <i>Science</i> , 2016, 352, 1555-1559.	12.6	204
4	A molecular endless (74) knot. <i>Nature Chemistry</i> , 2021, 13, 117-122.	13.6	85
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	Molekulare Knoten. <i>Angewandte Chemie</i> , 2017, 129, 11318-11347.	2.0	62
7	A Short History of Cyclocarbons. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 798-811.	3.2	29
8	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
9	Photochemical Unmasking of Polyynes Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 13523-13532.	13.7	20
10	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
11	Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5941-5947.	13.8	13
12	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
13	Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes**. <i>Angewandte Chemie</i> , 2021, 133, 6006-6012.	2.0	6
14	Comment on "Coordination-Driven Self-Assembly of a Molecular Knot Comprising Sixteen Crossings". <i>Angewandte Chemie</i> , 2018, 130, 12390-12392.	2.0	1