

Stephen D P Fielden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1381409/publications.pdf>

Version: 2024-02-01

11
papers

1,140
citations

932766

10
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Rotary and linear molecular motors driven by pulses of a chemical fuel. <i>Science</i> , 2017, 358, 340-343.	6.0	308
2	Molecular Knots. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11166-11194.	7.2	244
3	A catalysis-driven artificial molecular pump. <i>Nature</i> , 2021, 594, 529-534.	13.7	126
4	Dissipative Catalysis with a Molecular Machine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9876-9880.	7.2	116
5	A molecular endless (74) knot. <i>Nature Chemistry</i> , 2021, 13, 117-122.	6.6	85
6	Molekulare Knoten. <i>Angewandte Chemie</i> , 2017, 129, 11318-11347.	1.6	62
7	Spontaneous Assembly of Rotaxanes from a Primary Amine, Crown Ether and Electrophile. <i>Journal of the American Chemical Society</i> , 2018, 140, 6049-6052.	6.6	59
8	Single-Step Enantioselective Synthesis of Mechanically Planar Chiral [2]Rotaxanes Using a Chiral Leaving Group Strategy. <i>Journal of the American Chemical Society</i> , 2020, 142, 9803-9808.	6.6	58
9	Weak functional group interactions revealed through metal-free active template rotaxane synthesis. <i>Nature Communications</i> , 2020, 11, 744.	5.8	41
10	Dissipative Catalysis with a Molecular Machine. <i>Angewandte Chemie</i> , 2019, 131, 9981-9985.	1.6	37
11	Titelbild: Dissipative Catalysis with a Molecular Machine (<i>Angew. Chem.</i> 29/2019). <i>Angewandte Chemie</i> , 2019, 131, 9751-9751.	1.6	2