

Jaron A M Mercer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/994814/publications.pdf>

Version: 2024-02-01

10
papers

1,520
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

2018
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomically Recoded Organisms Expand Biological Functions. <i>Science</i> , 2013, 342, 357-360.	12.6	721
2	Mechanochemical unzipping of insulating polyladderene to semiconducting polyacetylene. <i>Science</i> , 2017, 357, 475-479.	12.6	240
3	Programmable deletion, replacement, integration and inversion of large DNA sequences with twin prime editing. <i>Nature Biotechnology</i> , 2022, 40, 731-740.	17.5	230
4	Chemical Synthesis and Self-Assembly of a Ladderane Phospholipid. <i>Journal of the American Chemical Society</i> , 2016, 138, 15845-15848.	13.7	78
5	The cascade unzipping of ladderane reveals dynamic effects in mechanochemistry. <i>Nature Chemistry</i> , 2020, 12, 302-309.	13.6	76
6	Ladderane phospholipids form a densely packed membrane with normal hydrazine and anomalously low proton/hydroxide permeability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9098-9103.	7.1	58
7	Stereocontrolled Synthesis of <i>syn</i> -2-Hydroxy-2-Amino Acids by Direct Aldolization of Pseudoephedrine Glycinamide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4642-4647.	13.8	46
8	Synthesis and Mechanochemical Activation of Ladderene- <i>norbornene</i> Block Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 12388-12391.	13.7	37
9	Enantioselective Cyclobutenylation of Olefins Using <i>N</i> -Sulfonyl-1,2,3-Triazoles as Vicinal Dicarbene Equivalents. <i>Organic Letters</i> , 2021, 23, 6530-6535.	4.6	15
10	Emulation illuminates biosynthesis. <i>Nature Chemistry</i> , 2015, 7, 860-861.	13.6	7