

Nathan L Strutt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,758
citations

361413

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h-index

610901

24
g-index

26
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26
docs citations

26
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalizing Pillar[5]arenes. <i>Accounts of Chemical Research</i> , 2014, 47, 2631-2642.	15.6	479
2	Monofunctionalized Pillar[5]arene as a Host for Alkanediamines. <i>Journal of the American Chemical Society</i> , 2011, 133, 5668-5671.	13.7	468
3	ExBox: A Polycyclic Aromatic Hydrocarbon Scavenger. <i>Journal of the American Chemical Society</i> , 2013, 135, 183-192.	13.7	275
4	Incorporation of an A1/A2-Difunctionalized Pillar[5]arene into a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 17436-17439.	13.7	254
5	A self-complexing and self-assembling pillar[5]arene. <i>Chemical Communications</i> , 2012, 48, 1647-1649.	4.1	190
6	Induced-fit catalysis of corannulene bowl-to-bowl inversion. <i>Nature Chemistry</i> , 2014, 6, 222-228.	13.6	149
7	ExCage. <i>Journal of the American Chemical Society</i> , 2014, 136, 10669-10682.	13.7	132
8	Pillar[5]arene as a Co-Factor in Templating Rotaxane Formation. <i>Journal of the American Chemical Society</i> , 2013, 135, 17019-17030.	13.7	117
9	Ex2Box: Interdependent Modes of Binding in a Two-Nanometer-Long Synthetic Receptor. <i>Journal of the American Chemical Society</i> , 2013, 135, 12736-12746.	13.7	92
10	Dynamic clicked surfaces based on functionalised pillar[5]arene. <i>Chemical Communications</i> , 2011, 47, 11420.	4.1	91
11	Enantiopure pillar[5]arene active domains within a homochiral metal-organic framework. <i>Chemical Communications</i> , 2014, 50, 7455.	4.1	83
12	Asararenes—A Family of Large Aromatic Macrocycles. <i>Chemistry - A European Journal</i> , 2013, 19, 3860-3868.	3.3	62
13	Amino-Functionalized Pillar[5]arene. <i>Chemistry - A European Journal</i> , 2014, 20, 10996-11004.	3.3	62
14	Porphyritic supramolecular daisy chains incorporating pillar[5]arene-viologen host-guest interactions. <i>Chemical Communications</i> , 2015, 51, 10455-10458.	4.1	52
15	π-Dimerization of viologen subunits around the core of C60 from twelve to six directions. <i>Chemical Science</i> , 2013, 4, 1462.	7.4	47
16	An ExBox [2]catenane. <i>Chemical Science</i> , 2014, 5, 2724.	7.4	33
17	Activation-Enabled Syntheses of Functionalized Pillar[5]arene Derivatives. <i>Organic Letters</i> , 2015, 17, 3260-3263.	4.6	33
18	Stereochemical inversion in difunctionalised pillar[5]arenes. <i>Supramolecular Chemistry</i> , 2013, 25, 596-608.	1.2	32

#	ARTICLE	IF	CITATIONS
19	A [3]rotaxane composed of a zinc porphyrin tetra-substituted with coordinating macrocycles and of two short rigid axles. <i>New Journal of Chemistry</i> , 2011, 35, 2820.	2.8	15
20	Abstract: Electron Sharing and Anion Recognition in Molecular Triangular Prisms (<i>Angew.</i>)	2.0	10