

Akiko Yagi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,399
citations

623734

14
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Synthesis of Carbon Nanotube Segments. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5136-5158.	13.8	300
2	Branch-Selective Hydroarylation: Iodoarene-Olefin Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2016, 138, 12779-12782.	13.7	216
3	Synthesis and Properties of [9]Cyclo-1,4-naphthylene: A π -Extended Carbon Nanoring. <i>Journal of the American Chemical Society</i> , 2012, 134, 2962-2965.	13.7	174
4	Simple direct formation of self-assembled N-heterocyclic carbene monolayers on gold and their application in biosensing. <i>Nature Communications</i> , 2016, 7, 12654.	12.8	171
5	Design und Synthese von Kohlenstoffnanoröhrensegmenten. <i>Angewandte Chemie</i> , 2016, 128, 5222-5245.	2.0	95
6	A Theoretical Study on the Strain Energy of Carbon Nanobelts. <i>Organic Letters</i> , 2016, 18, 1430-1433.	4.6	71
7	Chemical Synthesis of Carbon Nanorings and Nanobelts. <i>Accounts of Materials Research</i> , 2021, 2, 681-691.	11.7	71
8	A Nonalternant Aromatic Belt: Methylene-Bridged [6]Cycloparaphenylene Synthesized from Pillar[6]arene. <i>Journal of the American Chemical Society</i> , 2020, 142, 12850-12856.	13.7	69
9	Synthesis and properties of cycloparaphenylene-2,7-pyrenylene: a pyrene-containing carbon nanoring. <i>Chemical Communications</i> , 2014, 50, 957-959.	4.1	67
10	Synthesis of Highly Twisted, Nonplanar Aromatic Macrocycles Enabled by an Axially Chiral 4,5-Diphenylphenanthrene Building Block. <i>Journal of the American Chemical Society</i> , 2020, 142, 3246-3253.	13.7	42
11	Synthesis and properties of [8]-, [10]-, [12]-, and [16]cyclo-1,4-naphthylenes. <i>Chemical Science</i> , 2017, 8, 661-667.	7.4	36
12	Programmable synthesis of multiply arylated cubanes through C-H metalation and arylation. <i>Chemical Science</i> , 2020, 11, 7672-7675.	7.4	24
13	Six-fold C-H borylation of hexa- <i>peri</i> -hexabenzocoronene. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 391-397.	2.2	18
14	Perfluorocycloparaphenylenes. <i>Nature Communications</i> , 2022, 13, .	12.8	16
15	Synthesis of sterically hindered 4,5-diarylphenanthrenes <i>via</i> acid-catalyzed bisannulation of benzenediactaldehydes with alkynes. <i>Chemical Science</i> , 2019, 10, 5470-5475.	7.4	9
16	Chemical Synthesis of Cycloparaphenylenes. <i>ChemistrySelect</i> , 2017, 2, .	1.5	7
17	Armchair and Chiral Carbon Nanobelts: Scholl Reaction in Strained Nanorings. <i>CheM</i> , 2019, 5, 746-748.	11.7	6
18	Ni-Catalyzed \pm -Selective C-H Borylations of Naphthalene-Based Aromatic Compounds. <i>Journal of Organic Chemistry</i> , 2019, 84, 14354-14359.	3.2	5

#	ARTICLE	IF	CITATIONS
19	3. Chemical Synthesis of Cycloparaphenylenes., 2017, , .		0