Akiko Yagi

List of Publications by Year
in descending order

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	Perfluorocycloparaphenylenes. Nature Communications, 2022, 13, .	12.8	16
2	Chemical Synthesis of Carbon Nanorings and Nanobelts. Accounts of Materials Research, 2021, 2, 681-691.	11.7	71
3	Six-fold Câ€“H borylation of hexa-peri-hexabenzocoronene. Beilstein Journal of Organic Chemistry, 2020, 16, 391-397.	2.2	18
4	A Nonalternant Aromatic Belt: Methylene-Bridged [6]Cycloparaphenylene Synthesized from Pillar[6]arene. Journal of the American Chemical Society, 2020, 142, 12850-12856.	13.7	69
5	Synthesis of Highly Twisted, Nonplanar Aromatic Macrocycles Enabled by an Axially Chiral 4,5-Diphenylphenanthrene Building Block. Journal of the American Chemical Society, 2020, 142, 3246-3253.	13.7	42
6	Programmable synthesis of multiply arylated cubanes through Câ€“H metalation and arylation. Chemical Science, 2020, 11, 7672-7675.	7.4	24
7	Ni-Catalyzed Î±-Selective Câ€“H Borylations of Naphthalene-Based Aromatic Compounds. Journal of Organic Chemistry, 2019, 84, 14354-14359.	3.2	5
8	Armchair and Chiral Carbon Nanobelts: Scholl Reaction in Strained Nanorings. CheM, 2019, 5, 746-748.	11.7	6
9	Synthesis of sterically hindered 4,5-diarylphenanthrenes via acid-catalyzed bisannulation of benzenediacetaldehydes withÂalkynes. Chemical Science, 2019, 10, 5470-5475.	7.4	9
10	Synthesis and properties of [8]-, [10]-, [12]-, and [16]cyclo-1,4-naphthylenes. Chemical Science, 2017, 8, 661-667.	7.4	36
11	3. Chemical Synthesis of Cycloparaphenylenes. , 2017, , .		0
12	Chemical Synthesis of Cycloparaphenylenes. ChemistrySelect, 2017, 2, .	1.5	7
13	Design und Synthese von KohlenstoffnanorÃ¶hrensegmenten. Angewandte Chemie, 2016, 128, 5222-5245.	2.0	95
14	Branch-Selective Hydroarylation: Iodoareneâ€“Olefin Cross-Coupling. Journal of the American Chemical Society, 2016, 138, 12779-12782.	13.7	216
15	Simple direct formation of self-assembled N-heterocyclic carbene monolayers on gold and their application in biosensing. Nature Communications, 2016, 7, 12654.	12.8	171
16	Design and Synthesis of Carbon Nanotube Segments. Angewandte Chemie - International Edition, 2016, 55, 5136-5158.	13.8	300
17	A Theoretical Study on the Strain Energy of Carbon Nanobelts. Organic Letters, 2016, 18, 1430-1433.	4.6	71
18	Synthesis and properties of cycloparaphenylene-2,7-pyrenylene: a pyrene-containing carbon nanoring. Chemical Communications, 2014, 50, 957-959.	4.1	67

#	Article	IF	Citations
19	Synthesis and Properties of [9]Cyclo-1,4-naphthylene: A Ï€-Extended Carbon Nanoring. Journal of the American Chemical Society, 2012, 134, 2962-2965.	13.7	174