

Kazutaka Shoyama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7630125/publications.pdf>

Version: 2024-02-01

17
papers

642
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	Naphthalene and perylene diimides – better alternatives to fullerenes for organic electronics?. <i>Chemical Communications</i> , 2018, 54, 13763-13772.	2.2	185
2	Synthesis of a Carbon Nanocone by Cascade Annulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 13008-13012.	6.6	93
3	Conformation and Aromaticity Switching in a Curved Non-Alternant $sp^{2.2}$ Carbon Scaffold. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21505-21509.	7.2	65
4	NIR-Absorbing – Extended Azulene: Non-Alternant Isomer of Terrylene Bisimide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15908-15912.	7.2	52
5	Multilayer stacks of polycyclic aromatic hydrocarbons. <i>Nature Chemistry</i> , 2022, 14, 457-462.	6.6	45
6	A General Synthetic Route to Polycyclic Aromatic Dicarboximides by Palladium-Catalyzed Annulation Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 5339-5346.	1.7	30
7	12b,24b-Diborahexabenzoc[<i>a</i>], <i>c</i>], <i>fg</i>], <i>l</i>], <i>n</i>], <i>qr</i>]pentacene: A Low-LUMO Boron-Doped Polycyclic Aromatic Hydrocarbon. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115746.	7.2	26
8	Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13401-13405.	7.2	24
9	Conformation and Aromaticity Switching in a Curved Non-Alternant sp^2 Carbon Scaffold. <i>Angewandte Chemie</i> , 2020, 132, 21689-21693.	1.6	23
10	Helically Twisted Nanoribbons Based on Emissive Near-Infrared Responsive Quaterylene Bisimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 10507-10514.	6.6	23
11	NIR-Absorbing – Extended Azulene: Non-Alternant Isomer of Terrylene Bisimide. <i>Angewandte Chemie</i> , 2020, 132, 16042-16046.	1.6	16
12	Tetrachlorinated Polycyclic Aromatic Dicarboximides: New Electron-Poor Scaffolds and NIR Emitters by Palladium-Catalyzed Annulation Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 9409-9416.	1.7	12
13	Fluorescence Enhancement by Supramolecular Sequestration of a C_{54} -Nanographene Trisimide by Hexabenzocoronene. <i>Journal of the American Chemical Society</i> , 2022, 144, 5718-5722.	6.6	12
14	Synthesis of polycyclic aromatic hydrocarbons by palladium-catalysed [3 + 3] annulation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2925-2930.	2.3	10
15	Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie</i> , 2020, 132, 13503-13507.	1.6	10
16	Palladium-Catalyzed [3+2] Annulation of Naphthalimide Acceptors and Thiophene Donors. <i>Journal of Organic Chemistry</i> , 2020, 85, 142-149.	1.7	8
17	12b,24b-Diborahexabenzoc[<i>a</i>], <i>c</i>], <i>fg</i>], <i>l</i>], <i>n</i>], <i>qr</i>]pentacene: A Low-LUMO Boron-Doped Polycyclic Aromatic Hydrocarbon. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8