

Ian Cheng-Yi Hou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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citations

933447

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15
docs citations

15
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Surface Synthesis of Unsaturated Carbon Nanostructures with Regularly Fused Pentagonâ€“Heptagon Pairs. <i>Journal of the American Chemical Society</i> , 2020, 142, 10291-10296.	13.7	53
2	Anchor Groups for Grapheneâ€“Porphyrin Singleâ€“Molecule Transistors. <i>Advanced Functional Materials</i> , 2018, 28, 1803629.	14.9	52
3	Dielsâ€“Alder polymerization: a versatile synthetic method toward functional polyphenylenes, ladder polymers and graphene nanoribbons. <i>Polymer Journal</i> , 2018, 50, 3-20.	2.7	47
4	Edge Functionalization of Structurally Defined Graphene Nanoribbons for Modulating the Self-Assembled Structures. <i>Journal of the American Chemical Society</i> , 2017, 139, 16454-16457.	13.7	43
5	Protonâ€“Gated Ringâ€“Closure of a Negative Photochromic Azuleneâ€“Based Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18532-18536.	13.8	35
6	On-surface synthesis of polyazulene with 2,6-connectivity. <i>Chemical Communications</i> , 2019, 55, 13466-13469.	4.1	23
7	Hexaâ€“periâ€“hexabenzocoronene with Different Acceptor Units for Tuning Optoelectronic Properties. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2710-2714.	3.3	19
8	Poly[2(6)-aminoazulene]: synthesis, photophysical properties, and proton conductivity. <i>Organic Chemistry Frontiers</i> , 2017, 4, 773-778.	4.5	18
9	Photomodulation of Two-Dimensional Self-Assembly of Azobenzeneâ€“Hexaâ€“periâ€“hexabenzocoroneneâ€“Azobenzene Triads. <i>Chemistry of Materials</i> , 2019, 31, 6979-6985.	6.7	18
10	Dicyclopentaannelated Hexaâ€“periâ€“hexabenzocoronenes with a Singlet Biradical Ground State. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11300-11304.	13.8	18
11	Chemisorption of Atomically Precise 42-Carbon Graphene Quantum Dots on Metal Oxide Films Greatly Accelerates Interfacial Electron Transfer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1431-1436.	4.6	9
12	Dicyclopentaannelated Hexaâ€“periâ€“hexabenzocoronenes with a Singlet Biradical Ground State. <i>Angewandte Chemie</i> , 2021, 133, 11400-11404.	2.0	8
13	Stepwise Lateral Extension of Phenylâ€“Substituted Linear Polyphenylenes. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900374.	2.2	6
14	Synthesis of Giant Dendritic Polyphenylenes with 366â€“and 546 Carbon Atoms and Their Highâ€“vacuum Electrospray Deposition. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	4
15	Protonenvermittelter Ringschluss eines negativ photochromen, Azuleneâ€“basierten Diarylethens. <i>Angewandte Chemie</i> , 2020, 132, 18690-18695.	2.0	3