

Benjamin T King

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,165
citations

586496

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799663

21
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docs citations

24
times ranked

3236
citing authors

#	ARTICLE	IF	CITATIONS
1	Steering Self-Assembly of Three-Dimensional Iptycenes on Au(111) by Tuning Molecule-Surface Interactions. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	6
2	On-surface photopolymerization of two-dimensional polymers ordered on the mesoscale. <i>Nature Chemistry</i> , 2021, 13, 730-736.	6.6	68
3	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie</i> , 2018, 130, 10744-10748.	1.6	10
4	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10584-10588.	7.2	61
5	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. <i>Angewandte Chemie</i> , 2017, 129, 15464-15468.	1.6	5
6	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15262-15266.	7.2	39
7	Kekulenes, cycloarenes, and heterocycloarenes: addressing electronic structure and aromaticity through experiments and calculations. <i>Chemical Society Reviews</i> , 2017, 46, 7-20.	18.7	64
8	Two-dimensional polymers: concepts and perspectives. <i>Chemical Communications</i> , 2016, 52, 18-34.	2.2	185
9	Large Area Synthesis of a Nanoporous Two-Dimensional Polymer at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 3450-3453.	6.6	209
10	Synthesis of a Covalent Monolayer Sheet by Photochemical Anthracene Dimerization at the Air/Water Interface and its Mechanical Characterization by AFM Indentation. <i>Advanced Materials</i> , 2014, 26, 2052-2058.	11.1	147
11	A nanoporous two-dimensional polymer by single-crystal-to-single-crystal photopolymerization. <i>Nature Chemistry</i> , 2014, 6, 774-778.	6.6	406
12	Nanographenes do the twist. <i>Nature Chemistry</i> , 2013, 5, 730-731.	6.6	11
13	A Two-Dimensional Polymer from the Anthracene Dimer and Triptycene Motifs. <i>Journal of the American Chemical Society</i> , 2013, 135, 14134-14141.	6.6	179
14	Innen-Äcktitelbild: Septulene: The Heptagonal Homologue of Kekulene (<i>Angew. Chem.</i> 51/2012). <i>Angewandte Chemie</i> , 2012, 124, 13071-13071.	1.6	0
15	Molecular nesting in co-crystals of tetrabenzoquadrannulene and C60: application of the sphere in a cone model. <i>Chemical Communications</i> , 2012, 48, 9882.	2.2	23
16	A two-dimensional polymer prepared by organic synthesis. <i>Nature Chemistry</i> , 2012, 4, 287-291.	6.6	376
17	Boronic esters: a simple route to discotic liquid crystals that are electron deficient. <i>Chemical Science</i> , 2012, 3, 3261.	3.7	21
18	Controlling the Scholl Reaction. <i>Journal of Organic Chemistry</i> , 2007, 72, 2279-2288.	1.7	276

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19	Simulation of Actuation by Polymeric Polyelectrolyte Helicenes. <i>Journal of Chemical Theory and Computation</i> , 2006, 2, 1112-1118.	2.3	12
20	Four Homologous Zirconium 2,2'-Biphenyldiyls: Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 2006, 25, 4058-4061.	1.1	25
21	Steering Self-Assembly of Three-Dimensional Iptycenes on Au(111) by Tuning Molecule-Surface Interactions. <i>Angewandte Chemie</i> , 0, , .	1.6	0