

Michael J Strauss

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

442
citations

932766

10
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled nâ€Doping of Naphthaleneâ€Diimideâ€Based 2D Polymers. <i>Advanced Materials</i> , 2022, 34, e2101932.	11.1	13
2	Layered structures of assembled imine-linked macrocycles and two-dimensional covalent organic frameworks give rise to prolonged exciton lifetimes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3015-3026.	2.7	7
3	Areneâ€perfluoroarene interactions confer enhanced mechanical properties to synthetic nanotubes. <i>Chemical Science</i> , 2022, 13, 2475-2480.	3.7	12
4	Trends in the thermal stability of two-dimensional covalent organic frameworks. <i>Faraday Discussions</i> , 2021, 225, 226-240.	1.6	41
5	Postsynthetic Modification of a Covalent Organic Framework Achieved via Strain-Promoted Cycloaddition. <i>Journal of the American Chemical Society</i> , 2021, 143, 649-656.	6.6	40
6	Diverse Proton-Conducting Nanotubes via a Tandem Macrocyclization and Assembly Strategy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8145-8153.	6.6	7
7	Lithium-Conducting Self-Assembled Organic Nanotubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 17655-17665.	6.6	7
8	Supramolecular polymerization provides non-equilibrium product distributions of imine-linked macrocycles. <i>Chemical Science</i> , 2020, 11, 1957-1963.	3.7	14
9	Nucleationâ€Elongation Dynamics of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1367-1374.	6.6	58
10	New Mechanistic Insights into the Formation of Imine-Linked Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 18637-18644.	6.6	87
11	Highâ€Sensitivity Acoustic Molecular Sensors Based on Largeâ€Area, Sprayâ€Coated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2020, 32, e2004205.	11.1	67
12	Pathway Complexity in the Stacking of Imine-Linked Macrocycles Related to Two-Dimensional Covalent Organic Frameworks. <i>Chemistry of Materials</i> , 2019, 31, 7104-7111.	3.2	22
13	Cooperative Selfâ€Assembly of Pyridineâ€2,6â€Diimineâ€Linked Macrocycles into Mechanically Robust Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14708-14714.	7.2	19
14	Chemical Control over Nucleation and Anisotropic Growth of Two-Dimensional Covalent Organic Frameworks. <i>ACS Central Science</i> , 2019, 5, 1892-1899.	5.3	44
15	Cooperative Selfâ€Assembly of Pyridineâ€2,6â€Diimineâ€Linked Macrocycles into Mechanically Robust Nanotubes. <i>Angewandte Chemie</i> , 2019, 131, 14850-14856.	1.6	4