

# Michael J Strauss

## List of Publications by Year in descending order

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15  
papers

442  
citations

932766

10  
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996533

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15  
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15  
docs citations

15  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	High-Sensitivity Acoustic Molecular Sensors Based on Large-Area, Spray-Coated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2020, 32, e2004205.	11.1	67
3	Nucleation-Elongation Dynamics of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1367-1374.	6.6	58
4	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
5	Trends in the thermal stability of two-dimensional covalent organic frameworks. <i>Faraday Discussions</i> , 2021, 225, 226-240.	1.6	41
6	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
7	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
8	Cooperative Self-Assembly of Pyridine-2,6-Diimine-Linked Macrocycles into Mechanically Robust Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14708-14714.	7.2	19
9	Supramolecular polymerization provides non-equilibrium product distributions of imine-linked macrocycles. <i>Chemical Science</i> , 2020, 11, 1957-1963.	3.7	14
10	Controlled n-Doping of Naphthalene-Diimide-Based 2D Polymers. <i>Advanced Materials</i> , 2022, 34, e2101932.	11.1	13
11	Arene-perfluoroarene interactions confer enhanced mechanical properties to synthetic nanotubes. <i>Chemical Science</i> , 2022, 13, 2475-2480.	3.7	12
12	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
13	Lithium-Conducting Self-Assembled Organic Nanotubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 17655-17665.	6.6	7
14	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
15	Cooperative Self-Assembly of Pyridine-2,6-Diimine-Linked Macrocycles into Mechanically Robust Nanotubes. <i>Angewandte Chemie</i> , 2019, 131, 14850-14856.	1.6	4