

# Neal W Sach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7165219/publications.pdf>

Version: 2024-02-01

11  
papers

510  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	A platform for automated nanomole-scale reaction screening and micromole-scale synthesis in flow. <i>Science</i> , 2018, 359, 429-434.	12.6	292
2	High-Throughput Ligand Screening Enables the Enantioselective Conjugate Borylation of Cyclobutenones to Access Synthetically Versatile Tertiary Cyclobutylboronates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18405-18409.	13.8	47
3	Development of Scalable Syntheses of Selective PI3K inhibitors. <i>Organic Process Research and Development</i> , 2011, 15, 556-564.	2.7	42
4	Conformational Studies and Atropisomerism Kinetics of the ALK Clinical Candidate Lorlatinib (PF-06463922) and Desmethyl Congeners. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3590-3595.	13.8	35
5	Catalytic Enantioselective Synthesis of a <i>cis</i> - $\beta^2$ -Boronyl Cyclobutylcarboxyester Scaffold and Its Highly Diastereoselective Nickel/Photoredox Dual-Catalyzed $C_{sp^3}$ - $C_{sp^2}$ Cross-Coupling to Access Elusive <i>trans</i> - $\beta^2$ -Aryl/Heteroaryl Cyclobutylcarboxyesters. <i>ACS Catalysis</i> , 2021, 11, 404-413.	11.2	23
6	Automated Nanomole-Scale Reaction Screening toward Benzoate Bioisosteres: A Photocatalyzed Approach to Highly Elaborated Bicyclo[1.1.1]Pentanes. <i>ACS Catalysis</i> , 2022, 12, 600-606.	11.2	22
7	Dispersion in Compartmentalized Flow Systems: Influence of Flow Patterns on Reactivity. <i>Organic Process Research and Development</i> , 2016, 20, 465-473.	2.7	20
8	High-Throughput Ligand Screening Enables the Enantioselective Conjugate Borylation of Cyclobutenones to Access Synthetically Versatile Tertiary Cyclobutylboronates. <i>Angewandte Chemie</i> , 2019, 131, 18576-18580.	2.0	15
9	Mapping Ambiphile Reactivity Trends in the <i>Anti</i> -(Hetero)annulation of Non-Conjugated Alkenes via $Pd^{II}/Pd^{IV}$ Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
10	Conformational Studies and Atropisomerism Kinetics of the ALK Clinical Candidate Lorlatinib (PF-06463922) and Desmethyl Congeners. <i>Angewandte Chemie</i> , 2016, 128, 3654-3659.	2.0	5
11	Mapping Ambiphile Reactivity Trends in the <i>Anti</i> -(Hetero)annulation of Non-Conjugated Alkenes via $Pd^{II}/Pd^{IV}$ Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0