

# Yutaro Saito

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1249563/publications.pdf>

Version: 2024-02-01

13  
papers

535  
citations

1163117

8  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>C</i> -H Borylation of Benzene Derivatives by a Bulky Iridium Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 5193-5198.	13.7	213
2	Synthesis of partially and fully fused polyaromatics by annulative chlorophenylene dimerization. <i>Science</i> , 2018, 359, 435-439.	12.6	127
3	Flexible Reaction Pocket on Bulky Diphosphine-Ir Complex Controls Regioselectivity in <i>C</i> -Selective <i>C</i> -H Borylation of Arenes. <i>ACS Catalysis</i> , 2016, 6, 7536-7546.	11.2	73
4	Design strategy for serine hydroxymethyltransferase probes based on retro-aldol-type reaction. <i>Nature Communications</i> , 2019, 10, 876.	12.8	31
5	Synthesis of Polybenzoacenes: Annulative Dimerization of Phenylene Triflate by Twofold <i>C</i> -H Activation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6551-6554.	13.8	29
6	Selective Transformation of Strychnine and 1,2-Disubstituted Benzenes by <i>C</i> -H Borylation. <i>CheM</i> , 2020, 6, 985-993.	11.7	24
7	In vivo detection of $\hat{1}^3$ -glutamyl-transferase up-regulation in glioma using hyperpolarized $\hat{1}^3$ -glutamyl-[1- $^{13}$ C]glycine. <i>Scientific Reports</i> , 2020, 10, 6244.	3.3	12
8	Structure-guided design enables development of a hyperpolarized molecular probe for the detection of aminopeptidase N activity in vivo. <i>Science Advances</i> , 2022, 8, eabj2667.	10.3	10
9	Synthesis of Polybenzoacenes: Annulative Dimerization of Phenylene Triflate by Twofold <i>C</i> -H Activation. <i>Angewandte Chemie</i> , 2020, 132, 6613-6616.	2.0	9
10	Regulation of cadherin dimerization by chemical fragments as a trigger to inhibit cell adhesion. <i>Communications Biology</i> , 2021, 4, 1041.	4.4	4
11	Structural basis for selective inhibition of human serine hydroxymethyltransferase by secondary bile acid conjugate. <i>IScience</i> , 2021, 24, 102036.	4.1	2
12	Evaluation of enzymatic and magnetic properties of $\hat{1}^3$ -glutamyl-[1- $^{13}$ C]glycine and its deuteration toward longer retention of the hyperpolarized state. <i>RSC Advances</i> , 2021, 11, 37011-37018.	3.6	1
13	Titelbild: Synthesis of Polybenzoacenes: Annulative Dimerization of Phenylene Triflate by Twofold <i>C</i> -H Activation ( <i>Angew. Chem.</i> 16/2020). <i>Angewandte Chemie</i> , 2020, 132, 6353-6353.	2.0	0