

# Yutaro Saito

## List of Publications by Year in descending order

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