

# Sam Yruegas

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

643  
citations

623734

14  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring expansion reactions of anti-aromatic boroles: a promising synthetic avenue to unsaturated boracycles. <i>Chemical Communications</i> , 2016, 52, 9985-9991.	4.1	94
2	9-Borafluorenes: Synthesis, Properties, and Reactivity. <i>Chemical Reviews</i> , 2021, 121, 4147-4192.	47.7	72
3	Intermolecular insertion reactions of azides into 9-borafluorenes to generate 9,10-B,N-phenanthrenes. <i>Chemical Communications</i> , 2018, 54, 6808-6811.	4.1	64
4	Iron(II)-Catalyzed Azidotrifluoromethylation of Olefins and N-Heterocycles for Expedient Vicinal Trifluoromethyl Amine Synthesis. <i>ACS Catalysis</i> , 2018, 8, 5032-5037.	11.2	58
5	Oxygen insertion into boroles as a route to 1,2-oxaborines. <i>Chemical Communications</i> , 2016, 52, 6658-6661.	4.1	53
6	Synthesis of 9-borafluorene analogues featuring a three-dimensional 1,1-bis( <i>o</i> -carborane) backbone. <i>Chemical Communications</i> , 2019, 55, 2892-2895.	4.1	44
7	Reactivity of a Phosphaalkyne with Pentaarylboroles. <i>Organometallics</i> , 2016, 35, 929-931.	2.3	41
8	Coordination and Ring Expansion of 1,2-Dipolar Molecules with 9-Phenyl-9-borafluorene. <i>Organometallics</i> , 2018, 37, 2917-2927.	2.3	38
9	Expedient Synthesis of 1,2-thiaborines by Means of Sulfur Insertion into Boroles. <i>Chemistry - A European Journal</i> , 2016, 22, 18358-18361.	3.3	34
10	Boraphosphaalkene Synthesis via Phosphaalkyne Insertion into 9-Borafluorene. <i>Organometallics</i> , 2018, 37, 1515-1518.	2.3	33
11	Probing the reactivity of pentaphenylborole with Na-H, O-H, P-H, and S-H bonds. <i>Dalton Transactions</i> , 2016, 45, 9902-9911.	3.3	28
12	Total Synthesis of (±)-Phyllantidine: Development and Mechanistic Evaluation of a Ring Expansion for Installation of Embedded Nitrogen-Oxygen Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9757-9766.	13.8	25
13	Ring Opening of Epoxides Induced by Pentaphenylborole. <i>Organometallics</i> , 2017, 36, 2581-2587.	2.3	19
14	Investigating the reactivity of 9-phenyl-9-borafluorene with N-H, O-H, P-H, and S-H bonds. <i>Tetrahedron</i> , 2019, 75, 937-943.	1.9	16
15	Synthesis of Cationic, Dimeric $\eta^2$ -Diimine Nickel Hydride Complexes and Relevance to the Polymerization of Olefins. <i>Organometallics</i> , 2020, 39, 2630-2635.	2.3	12
16	Total Synthesis of (±)-Phyllantidine: Development and Mechanistic Evaluation of a Ring Expansion for Installation of Embedded Nitrogen-Oxygen Bonds. <i>Angewandte Chemie</i> , 2020, 132, 9844-9853.	2.0	5
17	Nickel-Borolide Complexes and Their Complex Electronic Structure. <i>Inorganic Chemistry</i> , 2021, 60, 16160-16167.	4.0	3
18	(PNP)Cobalt-Catalyzed Olefination of Diazoalkanes. <i>Organometallics</i> , 2022, 41, 3138-3144.	2.3	2

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19	Nickel-Catalyzed Dimerization of Di- and Trisubstituted Olefins. <i>Organometallics</i> , 2022, 41, 2059-2066.	2.3	2