

# Mâ€Sc Josh Abbenseth

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

739  
citations

567281

15  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

525  
citing authors

#	ARTICLE	IF	CITATIONS
1	A phosphorus analog of a bimetallic dinitrogen complex. <i>CheM</i> , 2021, 7, 1698-1700.	11.7	0
2	Thermoneutral N-H Bond Activation of Ammonia by a Geometrically Constrained Phosphine. <i>Angewandte Chemie</i> , 2021, 133, 23817.	2.0	3
3	Thermoneutral N-H Bond Activation of Ammonia by a Geometrically Constrained Phosphine. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23625-23629.	13.8	24
4	The Metaphosphite (PO <sub>2</sub> <sup>-</sup> ) Anion as a Ligand. <i>Angewandte Chemie</i> , 2020, 132, 23780-23784.	2.0	2
5	Examination of Protonation-Induced Dinitrogen Splitting by <i>in Situ</i> EXAFS Spectroscopy. <i>Inorganic Chemistry</i> , 2020, 59, 14367-14375.	4.0	10
6	A platinum(ii) metallonitrene with a triplet ground state. <i>Nature Chemistry</i> , 2020, 12, 1054-1059.	13.6	70
7	The Metaphosphite (PO <sub>2</sub> <sup>-</sup> ) Anion as a Ligand. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23574-23578.	13.8	7
8	Recent developments in the chemistry of non-trigonal pnictogen pincer compounds: from bonding to catalysis. <i>Chemical Science</i> , 2020, 11, 9728-9740.	7.4	57
9	Combined experimental and theoretical studies towards mutual osmium-bismuth donor/acceptor bonding. <i>Dalton Transactions</i> , 2020, 49, 9024-9034.	3.3	17
10	A Terminal Chlorophosphinidene Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 565-569.	1.2	3
11	Metal-Ligand Cooperative Synthesis of Benzonitrile by Electrochemical Reduction and Photolytic Splitting of Dinitrogen. <i>Angewandte Chemie</i> , 2019, 131, 840-844.	2.0	21
12	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. <i>Angewandte Chemie</i> , 2019, 131, 11082-11086.	2.0	13
13	Interconversion of Phosphinyl Radical and Phosphinidene Complexes by Proton Coupled Electron Transfer. <i>Angewandte Chemie</i> , 2019, 131, 6404-6407.	2.0	7
14	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10966-10970.	13.8	31
15	Interconversion of Phosphinyl Radical and Phosphinidene Complexes by Proton Coupled Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6338-6341.	13.8	21
16	Selectivity of tungsten mediated dinitrogen splitting <i>vs.</i> proton reduction. <i>Chemical Science</i> , 2019, 10, 10275-10282.	7.4	38
17	Metal-Ligand Cooperative Synthesis of Benzonitrile by Electrochemical Reduction and Photolytic Splitting of Dinitrogen. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 830-834.	13.8	89
18	Four- and Five-Coordinate Osmium(IV) Nitriles and Imides: Circumventing the "Nitrido Wall". <i>Organometallics</i> , 2018, 37, 802-811.	2.3	19

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19	Dinitrogen Splitting Coupled to Protonation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5872-5876.	13.8	88
20	Dinitrogen Splitting Coupled to Protonation. <i>Angewandte Chemie</i> , 2017, 129, 5966-5970.	2.0	29
21	A square-planar osmium(II) complex. <i>Chemical Communications</i> , 2017, 53, 5511-5514.	4.1	21
22	Coupling of terminal iridium nitrido complexes. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 469-477.	6.0	53
23	Homolytic N-H Activation of Ammonia: Hydrogen Transfer of Parent Iridium Ammine, Amide, Imide, and Nitride Species. <i>Inorganic Chemistry</i> , 2015, 54, 9290-9302.	4.0	94
24	$[\text{IrCl}\{\text{N}(\text{CH}_2\text{CH}_2\text{PtBu}_2)_2\}]^+$ : a versatile source of the Ir <sup>I</sup> (PNP) pincer platform. <i>Dalton Transactions</i> , 2014, 43, 4506-4513.	3.3	22