Andrew D Schwarz

List of Publications by Year
in descending order

27	1,394	304743 22	477307 29
papers	citations	h-index	g-index

29	29	29	1085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enabling and Probing Oxidative Addition and Reductive Elimination at a Group 14 Metal Center: Cleavage and Functionalization of Eâ€“H Bonds by a Bis(boryl)stannylene. Journal of the American Chemical Society, 2016, 138, 4555-4564.	13.7	142
2	Stable GaX2, InX2 and TlX2 radicals. Nature Chemistry, 2014, 6, 315-319.	13.6	101
3	Sulfonamide-Supported Aluminum Catalysts for the Ring-Opening Polymerization ofrac-Lactide. Organometallics, 2010, 29, 1246-1260.	2.3	94
4	Sulfonamide-Supported Group 4 Catalysts for the Ring-Opening Polymerization of Îµ-Caprolactone and rac-Lactide. Inorganic Chemistry, 2009, 48, 10442-10454.	4.0	86
5	Sulfonamide, Phenolate, and Directing Ligand-Free Indium Initiators for the Ring-Opening Polymerization ofrac-Lactide. Organometallics, 2011, 30, 1202-1214.	2.3	79
6	Potassium, zinc, and magnesium complexes of a bulky OOO-tridentate bis(phenolate) ligand: synthesis, structures, and studies of cyclic ester polymerisation. Dalton Transactions, 2013, 42, 9313.	3.3	74
7	Ligand Variations in New Sulfonamide-Supported Group 4 Ring-Opening Polymerization Catalysts. Organometallics, 2010, 29, 4171-4188.	2.3	73
8	New ligand platforms for developing the chemistry of the Tiî€Nâ€“NR2 functional group and the insertion of alkynes into the Nâ€“N bond of a Tiî€Nâ€“NPh2 ligand. Chemical Communications, 2007, , 4937.	4.1	65
9	Reactivity of Boryl- and Silyl-Substituted Carbenoids toward Alkynes: Insertion and Cycloaddition Chemistry. Organometallics, 2015, 34, 2126-2129.	2.3	57
10	Mâ•NÎ±Cycloaddition and NÎ±â^'NÎ²Insertion in the Reactions of Titanium Hydrazido Compounds with Alkynes: A Combined Experimental and Computational Study. Journal of the American Chemical Society, 2010, 132, 10484-10497.	13.7	53
11	Reaction Site Diversity in the Reactions of Titanium Hydrazides with Organic Nitriles, Isonitriles and Isocyanates: Tiï£¾N_{Î±} Cycloaddition, Tiï£¾N_{Î±} Insertion and N_{Î±}ï£¿N_{Î²} Bond Cleavage. Chemistry - A European Journal, 2011, 17, 265-285.	3.3	52
12	Synthesis, Structures and Reactivity of Group 4 Hydrazido Complexes Supported by Calix[4]arene Ligands. Inorganic Chemistry, 2008, 47, 12049-12062.	4.0	49
13	Titanium Hydrazides Supported by Diamide-Amine and Related Ligands: A Combined Experimental and DFT Study. Organometallics, 2008, 27, 6479-6494.	2.3	41
14	Reactions of Cyclopentadienylâ^'Amidinate Titanium Hydrazides with CO₂, CS₂, and Isocyanates: Tiâ•N_{Î±} Cycloaddition, Cycloadditionâ^'Insertion, and Cycloadditionâ^'NNR₂ Group Transfer Reactions. Organometallics, 2011, 30, 1182-1201.	2.3	41
15	Cycloaddition reactions of transition metal hydrazides with alkynes and heteroalkynes: coupling of Tiî€NNPh2 with PhCCMe, PhCCH, MeCN and tBuCP. Chemical Communications, 2008, , 5101.	4.1	38
16	The first group 4 metal bis(imido) and tris(imido) complexes. Chemical Science, 2012, 3, 819-824.	7.4	37
17	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium â€œMetalloidâ€•Clusters. Angewandte Chemie - International Edition, 2017, 56, 15098-15102.	13.8	37
18	A Remarkable Switch from a Diamination to a Hydrohydrazination Catalyst and Observation of an Unprecedented Catalyst Resting State. Angewandte Chemie - International Edition, 2012, 51, 12298-12302.	13.8	33

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19	Site selectivity and reversibility in the reactions of titanium hydrazides with Siâ€“H, Siâ€“X, Câ€“X and H+ reagents: Tiî€Nî± 1,2-silane addition, Nî² alkylation, Nî± protonation and Ïƒ-bond metathesis. Dalton Transactions, 2012, 41, 2277.	3.3	32
20	New Sandwich and Half-Sandwich Titanium Hydrazido Compounds. Organometallics, 2011, 30, 2295-2307.	2.3	24
21	Synthesis and Reactivity of Titanium Hydrazido Complexes Supported by Diamido-Ether Ligands. Organometallics, 2013, 32, 3091-3107.	2.3	22
22	Synthesis and Reactions of a Cyclopentadienyl-Amidinate Titanium tert-Butoxyimido Compound. Organometallics, 2013, 32, 7520-7539.	2.3	21
23	Titanium alkoxyimido (Tiî€Nâ€“OR) complexes: reductive Nâ€“O bond cleavage at the boundary between hydrazide and peroxide ligands. Chemical Communications, 2011, 47, 4926.	4.1	19
24	Titanium tert-Butoxyimido Compounds. Inorganic Chemistry, 2011, 50, 12155-12171.	4.0	15
25	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium â€œMetalloidâ€•Clusters. Angewandte Chemie, 2017, 129, 15294-15298.	2.0	14
26	Reactions of a Cyclopentadienylâ€“Amidinate Titanium Benzimidamido Complex. Organometallics, 2014, 33, 1002-1019.	2.3	13
27	Magnesium, calcium and zinc [N₂Nâ€²] heteroscorpionate complexes. Dalton Transactions, 2019, 48, 4124-4138.	3.3	10