

Andrew D Schwarz

List of Publications by Year in descending order

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27
papers

1,394
citations

304743

22
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium, calcium and zinc [N ₂] heteroscorpionate complexes. Dalton Transactions, 2019, 48, 4124-4138.	3.3	10
2	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium α -Metalloid Clusters. Angewandte Chemie - International Edition, 2017, 56, 15098-15102.	13.8	37
3	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium α -Metalloid Clusters. Angewandte Chemie, 2017, 129, 15294-15298.	2.0	14
4	Enabling and Probing Oxidative Addition and Reductive Elimination at a Group 14 Metal Center: Cleavage and Functionalization of E-H Bonds by a Bis(boryl)stannylenes. Journal of the American Chemical Society, 2016, 138, 4555-4564.	13.7	142
5	Reactivity of Boryl- and Silyl-Substituted Carbenoids toward Alkynes: Insertion and Cycloaddition Chemistry. Organometallics, 2015, 34, 2126-2129.	2.3	57
6	Stable GaX ₂ , InX ₂ and TlX ₂ radicals. Nature Chemistry, 2014, 6, 315-319.	13.6	101
7	Reactions of a Cyclopentadienyl-Amidinate Titanium Benzimidamido Complex. Organometallics, 2014, 33, 1002-1019.	2.3	13
8	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
9	Synthesis and Reactivity of Titanium Hydrazido Complexes Supported by Diamido-Ether Ligands. Organometallics, 2013, 32, 3091-3107.	2.3	22
10	Synthesis and Reactions of a Cyclopentadienyl-Amidinate Titanium <i>tert</i> -Butoxyimido Compound. Organometallics, 2013, 32, 7520-7539.	2.3	21
11	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
12	Site selectivity and reversibility in the reactions of titanium hydrazides with Si-H, Si-X, C-X and H+ reagents: Ti-N ₂ 1,2-silane addition, N ₂ alkylation, N ₂ protonation and σ -bond metathesis. Dalton Transactions, 2012, 41, 2277.	3.3	32
13	The first group 4 metal bis(imido) and tris(imido) complexes. Chemical Science, 2012, 3, 819-824.	7.4	37
14	New Sandwich and Half-Sandwich Titanium Hydrazido Compounds. Organometallics, 2011, 30, 2295-2307.	2.3	24
15	Reactions of Cyclopentadienyl-Amidinate Titanium Hydrazides with CO ₂ , CS ₂ , and Isocyanates: Ti-N ₂ Cycloaddition, Cycloaddition-Insertion, and Cycloaddition-NNR ₂ Group Transfer Reactions. Organometallics, 2011, 30, 1182-1201.	2.3	41
16	Titanium alkoxyimido (Ti-N=OR) complexes: reductive N=O bond cleavage at the boundary between hydrazide and peroxide ligands. Chemical Communications, 2011, 47, 4926.	4.1	19
17	Titanium <i>tert</i> -Butoxyimido Compounds. Inorganic Chemistry, 2011, 50, 12155-12171.	4.0	15
18	Sulfonamide, Phenolate, and Directing Ligand-Free Indium Initiators for the Ring-Opening Polymerization of <i>rac</i> -Lactide. Organometallics, 2011, 30, 1202-1214.	2.3	79

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19	Reaction Site Diversity in the Reactions of Titanium Hydrazides with Organic Nitriles, Isonitriles and Isocyanates: $Ti(\eta^3-N) \rightarrow Ti(\eta^2-N)$ Cycloaddition, $Ti(\eta^3-N) \rightarrow Ti(\eta^2-N)$ Insertion and $N \rightarrow N$ Bond Cleavage. <i>Chemistry - A European Journal</i> , 2011, 17, 265-285.	3.3	52
20	$M \rightarrow N$ Cycloaddition and $N \rightarrow N$ Insertion in the Reactions of Titanium Hydrazido Compounds with Alkynes: A Combined Experimental and Computational Study. <i>Journal of the American Chemical Society</i> , 2010, 132, 10484-10497.	13.7	53
21	Sulfonamide-Supported Aluminum Catalysts for the Ring-Opening Polymerization of rac-Lactide. <i>Organometallics</i> , 2010, 29, 1246-1260.	2.3	94
22	Ligand Variations in New Sulfonamide-Supported Group 4 Ring-Opening Polymerization Catalysts. <i>Organometallics</i> , 2010, 29, 4171-4188.	2.3	73
23	Sulfonamide-Supported Group 4 Catalysts for the Ring-Opening Polymerization of μ -Caprolactone and rac-Lactide. <i>Inorganic Chemistry</i> , 2009, 48, 10442-10454.	4.0	86
24	Cycloaddition reactions of transition metal hydrazides with alkynes and heteroalkynes: coupling of $Ti(\eta^2-N)Ph_2$ with PhCCMe, PhCCH, MeCN and tBuCP. <i>Chemical Communications</i> , 2008, , 5101.	4.1	38
25	Synthesis, Structures and Reactivity of Group 4 Hydrazido Complexes Supported by Calix[4]arene Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 12049-12062.	4.0	49
26	Titanium Hydrazides Supported by Diamide-Amine and Related Ligands: A Combined Experimental and DFT Study. <i>Organometallics</i> , 2008, 27, 6479-6494.	2.3	41
27	New ligand platforms for developing the chemistry of the $Ti(\eta^2-N)NR_2$ functional group and the insertion of alkynes into the $N \rightarrow N$ bond of a $Ti(\eta^2-N)Ph_2$ ligand. <i>Chemical Communications</i> , 2007, , 4937.	4.1	65