Marcus Layh

List of Publications by Year
in descending order

12	212	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	cis/trans Isomerism of Hydroalumination and Hydrogallation Productsâ€"Reflections on Stability and Rearrangement Mechanism. Chemistry - A European Journal, 2008, 14, 11557-11564.	3.3	61
2	Cooperative Geâ€"N Bond Activation in Hydrogallation Products of Alkynyl(diethylamino)germanes (Et2N)nGe(Câ‰¡CtBu)4â€"n. Organometallics, 2013, 32, 6770-6779.	2.3	25
3	Pâ€"H Functionalized Al/P-Based Frustrated Lewis Pairs in Dipolar Activation and Hydrophosphination: Reactions with CO₂ and SO₂. Organometallics, 2019, 38, 2839-2852.	2.3	25
4	Cooperative Geï£¿N Bond Activation in Aluminiumâ€Functionalised Aminogermanes and Spontaneous Imine Elimination via an Intermediate Germyl Cation. Chemistry - A European Journal, 2015, 21, 2638-2650.	3.3	19
5	Hydrometallation of amino-trialkynylsilanes â€" intramolecular Mâ€"N interactions (M = Al, Ga) and potential activation of Siâ€"N bonds. Dalton Transactions, 2014, 43, 14386-14398.	3.3	18
6	Functionalized alkynyl-chlorogermanes: hydrometallation, Geâ€"Cl bond activation, Geâ€"H bond formation and chlorine-tert-butyl exchange via a transient germyl cation. Dalton Transactions, 2016, 45, 6159-6174.	3.3	15
7	Hydroalumination of Oligoalkynylgermanes and â€digermanes â€" Reactions with Heterocumulenes by Alâ€"C or Geâ€"C Bond Activation and Formation of a Hexazenedialuminum Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 945-955.	1.2	11
8	Aluminium Functionalized Germanes: Intramolecular Activation of Geâ€"H Bonds, Formation of a Dihydrogen Bond and Facile Hydrogermylation of Unsaturated Substrates. European Journal of Inorganic Chemistry, 2019, 2019, 3287-3300.	2.0	11
9	Hydroalumination and hydrogallation of an aryl-chloro-dialkynylsilane: Siâ€"Cl bond activation by intramolecular Alâ€"Cl and Gaâ€"Cl interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 509-520.	0.7	9
10	Ïƒâ€Bond Activation in Aluminiumâ€Functionalized Alkynylchlorogermanes: Facile Insertion of Isocyanate and Azide into Alâ€"C and Geâ€"Cl Bonds. European Journal of Inorganic Chemistry, 2016, 2016, 4170-4178.	2.0	6
11	Siliconâ€"Halogen Bond Activation in Mixed Si/Al Compounds and an Approach to Intramolecular Stabilized Silylium Ions. European Journal of Inorganic Chemistry, 2019, 2019, 693-711.	2.0	6
12	Hydrosilylation and Hydrogermylation of CO₂ and CS₂ by Al and Ga Functionalized Silanes and Germanes â€" Cooperative Reactivity with Formation of Silyl Formates and Disilylacetals. European Journal of Inorganic Chemistry, 2020, 2020, 4024-4036.	2.0	6