

RÃ©mi C Tirfoin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reactions of a diborylstannylene with CO ₂ and N ₂ O: diboration of carbon dioxide by a main group bis(boryl) complex. Dalton Transactions, 2021, 50, 9059-9067.	1.6	7
2	Activation of Protic, Hydridic and Apolar E-H Bonds by a Boryl-Substituted Ge ^{II} Cation. Chemistry - A European Journal, 2020, 26, 306-315.	1.7	27
3	Frustrated Lewis pairs incorporating the bifunctional Lewis acid 1,1'-bis(2,2,6,6-tetramethylphosphoranyl)ethane: reactivity towards small molecules. Dalton Transactions, 2018, 47, 1588-1598.	1.6	5
4	Experimental and quantum chemical studies of anionic analogues of N-heterocyclic carbenes. Dalton Transactions, 2018, 47, 7445-7455.	1.6	22
5	A zwitterionic hydrocarbon-soluble borenium ion based on a β^2 -diketiminato backbone. Chemical Communications, 2017, 53, 5981-5984.	2.2	8
6	Structural snapshots of concerted double E-H bond activation at a transition metal centre. Nature Chemistry, 2017, 9, 1256-1262.	6.6	41
7	A Gallium Hydride as an Oxidizing Agent: Direct Synthesis of Ir ^V Complexes via Ga-H Bond Activation. Chemistry - A European Journal, 2017, 23, 16906-16913.	1.7	12
8	Exploiting Electrostatics To Generate Unsaturation: Oxidative Ge-E Bond Formation Using a Non σ -Donor Stabilized [R(L)Ge] ⁺ Cation. Angewandte Chemie - International Edition, 2016, 55, 378-382.	7.2	68
9	A Systematic Study of Structure and E-H Bond Activation Chemistry by Sterically Encumbered Germylene Complexes. Chemistry - A European Journal, 2016, 22, 11685-11698.	1.7	94
10	Stabilization of a two-coordinate, acyclic diaminosilylene (ADASI): completion of the series of isolable diaminotetraylenes, :E(NR ₂) ₂ (E = group 14 element). Chemical Communications, 2016, 52, 1717-1720.	2.2	97
11	Bifunctional Indenyl-Derived Receptors for Fluoride Chelation and Detection. Chemistry - A European Journal, 2015, 21, 11813-11824.	1.7	8
12	Cobalt Boryl Complexes: Enabling and Exploiting Migratory Insertion in Base-Metal-Mediated Borylation. Angewandte Chemie - International Edition, 2015, 54, 9586-9590.	7.2	38
13	Cooperative Bond Activation and Catalytic Reduction of Carbon Dioxide at a Group 13 Metal Center. Angewandte Chemie - International Edition, 2015, 54, 5098-5102.	7.2	135
14	Extension of conjugation: probing anion binding strength and reporter mechanisms in (phenyl)cyclopentadienyl and indenyl receptors. Dalton Transactions, 2015, 44, 13049-13059.	1.6	9
15	Expanded π -Ring π -Heterocyclic Carbenes for the Stabilization of Highly Electrophilic Gold(I) Cations. Chemistry - A European Journal, 2014, 20, 16721-16731.	1.7	55
16	Rationalizing and Disrupting Fluxional Processes in Agostically Stabilized 14-Electron Alkyliridium Hydride Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 4877-4885.	1.0	4
17	Probing the Limits of Ligand Steric Bulk: Backbone C-H Activation in a Saturated π -Heterocyclic Carbene. Chemistry - A European Journal, 2014, 20, 3825-3830.	1.7	15
18	Stable GaX ₂ , InX ₂ and TlX ₂ radicals. Nature Chemistry, 2014, 6, 315-319.	6.6	101

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19	Anionic N-heterocyclic carbenes (NHCs): a versatile route to saturated NHCs bearing pendant weakly coordinating anions. Dalton Transactions, 2014, 43, 15279-15282.	1.6	14
20	Synthesis, structure and magnetic properties of phenylhydroxamate-based coordination clusters. Dalton Transactions, 2014, 43, 16805-16817.	1.6	4
21	Synthetic, redox and coordination chemistry of bis(pentachlorophenyl)boryl ferrocene, FcB(C6Cl5)2. Journal of Organometallic Chemistry, 2014, 769, 11-16.	0.8	16
22	A molecular "traffic light": highly selective cyanide sensing in aqueous media by a CpFe(indenyl)-functionalized borane. Dalton Transactions, 2013, 42, 12836.	1.6	22
23	Formation of sub-valent carbenoid ligands by metal-mediated dehydrogenation chemistry: coordination and activation of H2Ga{(NDippCMe)2CH}. Chemical Science, 2013, 4, 4245.	3.7	49
24	Frustrated Lewis Pairs as Molecular Receptors: Colorimetric and Electrochemical Detection of Nitrous Oxide. Angewandte Chemie - International Edition, 2013, 52, 14094-14097.	7.2	23