Andrew R Jupp

List of Publications by Year
in descending order

Version: 2024-02-01

56 papers	2,210 citations	236833 25 h-index	223716 46 g-index
58 all docs	58 docs citations	58 times ranked	1479 citing authors

#	Article	IF	Citations
1	New Directions for Frustrated Lewis Pair Chemistry. Trends in Chemistry, 2019, 1, 35-48.	4.4	240
2	Phosphorus recovery and recycling â€“ closing the loop. Chemical Society Reviews, 2021, 50, 87-101.	18.7	170
3	The 2â€Phosphaethynolate Anion: A Convenient Synthesis and [2+2] Cycloaddition Chemistry. Angewandte Chemie - International Edition, 2013, 52, 10064-10067.	7.2	136
4	The global electrophilicity index as a metric for Lewis acidity. Dalton Transactions, 2018, 47, 7029-7035.	1.6	120
5	Uranium and thorium complexes of the phosphaethynolate ion. Chemical Science, 2015, 6, 6379-6384.	3.7	102
6	Phosphinecarboxamide: A Phosphorus-Containing Analogue of Urea and Stable Primary Phosphine. Journal of the American Chemical Society, 2013, 135, 19131-19134.	6.6	98
7	1,1â€Hydroboration and a Borane Adduct of Diphenyldiazomethane: A Potential Prelude to FLPâ€N₂ Chemistry. Angewandte Chemie - International Edition, 2017, 56, 16588-16592.	7.2	93
8	1,1â€Hydroboration and a Borane Adduct of Diphenyldiazomethane: A Potential Prelude to FLPâ€N₂ Chemistry. Angewandte Chemie, 2017, 129, 16815-16819.	1.6	81
9	Improving the Global Electrophilicity Index (GEI) as a Measure of Lewis Acidity. Inorganic Chemistry, 2018, 57, 14764-14771.	1.9	65
10	Cyclo-oligomerization of isocyanates with Na(PH₂) or Na(OCP) as â€œP^{â^'}â€•anion sources. Chemical Science, 2015, 6, 4017-4024.	3.7	64
11	Alkali Metal Species in the Reversible Activation of H₂. Angewandte Chemie - International Edition, 2018, 57, 11050-11054.	7.2	61
12	Synthesis of Urea Derivatives from CO₂ and Silylamines. Angewandte Chemie - International Edition, 2019, 58, 5707-5711.	7.2	58
13	Singleâ€Electron Transfer in Frustrated Lewis Pair Chemistry. Angewandte Chemie - International Edition, 2020, 59, 22210-22216.	7.2	51
14	Synthesis of Urea Derivatives from CO₂ and Silylamines. Angewandte Chemie, 2019, 131, 5763-5767.	1.6	50
15	Ambient-Temperature Synthesis of 2-Phosphathioethynolate, PCS-, and the Ligand Properties of ECX-(E =) Tj ETQq1 1 0.784314 rgBT	1.0	46
16	Exploiting the BrÃ¸nsted Acidity of Phosphinecarboxamides for the Synthesis of New Phosphides and Phosphines. Chemistry - A European Journal, 2015, 21, 8015-8018.	1.7	44
17	Dehydrogenation of Amineâ€“Boranes Using pâ€Block Compounds. Chemistry - A European Journal, 2019, 25, 9133-9152.	1.7	43
18	Stoichiometric Reactions of CO₂ and Indiumâ€Silylamides and Catalytic Synthesis of Ureas. Angewandte Chemie - International Edition, 2017, 56, 14277-14281.	7.2	42

#	Article	IF	Citations
19	Synthesis and Characterization of Free and Coordinated 1,2,3-Tripnictolide Anions. Organometallics, 2013, 32, 2234-2244.	1.1	40
20	Photoinduced and Thermal Singleâ€Electron Transfer to Generate Radicals from Frustrated Lewis Pairs. Chemistry - A European Journal, 2020, 26, 9005-9011.	1.7	39
21	On the coordination chemistry of phosphinecarboxamide: assessing ligand basicity. Chemical Communications, 2014, 50, 12281-12284.	2.2	37
22	Fluoride Binding and Crystalâ€Field Analysis of Lanthanide Complexes of Tetrapicolylâ€Appended Cyclen. Chemistry - A European Journal, 2016, 22, 8929-8936.	1.7	33
23	Alkali Metal Species in the Reversible Activation of H₂. Angewandte Chemie, 2018, 130, 11216-11220.	1.6	30
24	Remote Stereochemistry of a Frustrated Lewis Pair Provides Thermal and Photochemical Control of Reactivity. Journal of the American Chemical Society, 2018, 140, 8119-8123.	6.6	28
25	Selective Catalytic Frustrated Lewis Pair Hydrogenation of CO₂ in the Presence of Silylhalides. Angewandte Chemie - International Edition, 2021, 60, 25771-25775.	7.2	26
26	New Insights in Frustrated Lewis Pair Chemistry with Azides. Chemistry - A European Journal, 2019, 25, 13299-13308.	1.7	25
27	Boraneâ€Stabilized Isomeric Dimers of the Phosphaethynolate Anion. Angewandte Chemie - International Edition, 2017, 56, 14174-14177.	7.2	24
28	Acylâ€Phosphide Anions via an Intermediate with Carbene Character: Reactions of K[PtBu₂] and CO. Angewandte Chemie - International Edition, 2019, 58, 3548-3552.	7.2	23
29	Parallels between Metalâ€Ligand Cooperativity and Frustrated Lewis Pairs. European Journal of Inorganic Chemistry, 2019, 2019, 2436-2442.	1.0	22
30	Amino acid functionalisation using the 2-phosphaethynolate anion. A facile route to (phosphanyl)carbonyl-amino acids. Chemical Communications, 2017, 53, 7092-7095.	2.2	19
31	P,P-Dimethylformylphosphine: The Phosphorus Analogue of N,N-Dimethylformamide. Journal of the American Chemical Society, 2018, 140, 12751-12755.	6.6	19
32	Diazonium Salts as Nitrogen-Based Lewis Acids. Synlett, 2019, 30, 875-884.	1.0	15
33	Evidence for the encounter complex in frustrated Lewis pair chemistry. Dalton Transactions, 2022, 51, 10681-10689.	1.6	13
34	Stoichiometric Reactions of CO₂ and Indiumâ€Silylamides and Catalytic Synthesis of Ureas. Angewandte Chemie, 2017, 129, 14465-14469.	1.6	12
35	Boraneâ€Stabilized Isomeric Dimers of the Phosphaethynolate Anion. Angewandte Chemie, 2017, 129, 14362-14365.	1.6	12
36	Catalytic Dehydrogenation of Amineâ€Boranes using Geminal Phosphinoâ€Boranes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 586-592.	0.6	12

#	Article	IF	Citations
37	Singleâ€Electron Transfer in Frustrated Lewis Pair Chemistry. Angewandte Chemie, 2020, 132, 22394-22400.	1.6	11
38	Frustrated Lewis pair catalyzed hydrodehalogenation of benzyl-halides. Chemical Communications, 2022, 58, 1175-1178.	2.2	11
39	Diphosphaâ€Ureas from the Phosphaketene Ph 3 GePCO. Chemistry - A European Journal, 2019, 25, 10084-10087.	1.7	10
40	Avenue to phosphaalkenes from Ph₃GePCO. Dalton Transactions, 2020, 49, 885-890.	1.6	10
41	Acylâ€Phosphide Anions via an Intermediate with Carbene Character: Reactions of K[P t Bu 2] and CO. Angewandte Chemie, 2019, 131, 3586-3590.	1.6	7
42	Steric Influence on Reactions of Benzyl Potassium Species with CO. Chemistry - an Asian Journal, 2021, 16, 3640-3644.	1.7	7
43	Selective catalytic Frustrated Lewis Pair Hydrogenation of CO2 in the Presence of Silylhalides. Angewandte Chemie, 2021, 133, 25975.	1.6	7
44	Electron paramagnetic resonance of a 10 B-containing heterocyclic radical. Journal of Magnetic Resonance, 2018, 290, 76-84.	1.2	6
45	Phosphinecarboxamide as an unexpected phosphorus precursor in the chemical vapour deposition of zinc phosphide thin films. Dalton Transactions, 2018, 47, 9221-9225.	1.6	6
46	Mixed Phosphatetrahedranes. Angewandte Chemie - International Edition, 2020, 59, 10698-10700.	7.2	6
47	Radicals in Frustrated Lewis Pair Chemistry. Molecular Catalysis, 2021, , 361-385.	1.3	6
48	Facile Synthesis of Tuneable Azophosphonium Salts. European Journal of Inorganic Chemistry, 2019, 2019, 1594-1603.	1.0	5
49	Novel primary phosphinecarboxamides derived from diamines. Dalton Transactions, 2021, 50, 6991-6996.	1.6	4
50	A Phosphinineâ€Derived 1â€Phosphaâ€7â€Boraâ€Norbornadiene: Frustrated Lewis Pair Type Activation of Triple Bonds. Chemistry - A European Journal, 2020, 26, 7788-7800.	1.7	4
51	Gemischte Phosphatetrahedrane. Angewandte Chemie, 2020, 132, 10786-10788.	1.6	2
52	Steric attraction: A force to be reckoned with. Advances in Physical Organic Chemistry, 2020, 54, 119-141.	0.5	2
53	Heterogeneous Catalysis by Frustrated Lewis Pairs. Molecular Catalysis, 2021, , 237-281.	1.3	1
54	Frontispiece: Dehydrogenation of Amineâ€“Boranes Using pâ€Block Compounds. Chemistry - A European Journal, 2019, 25, .	1.7	0

#	Article	IF	Citations
55	Frontispiece: New Insights in Frustrated Lewis Pair Chemistry with Azides. Chemistry - A European Journal, 2019, 25, .	1.7	0
56	A Phosphinineâ€Derived 1â€Phosphaâ€7â€Boraâ€Norbornadiene: Frustrated Lewis Pair Type Activation of Triple Bonds. Chemistry - A European Journal, 2020, 26, 7736-7736.	1.7	0