

Stephen M Mansell

List of Publications by Year in descending order

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50
papers

1,570
citations

304743

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39
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all docs

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docs citations

52
times ranked

1622
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Molecule Activation by Uranium Tris(aryloxides): Experimental and Computational Studies of Binding of N ₂ , Coupling of CO, and Deoxygenation Insertion of CO ₂ under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 9036-9051.	13.7	218
2	Iron(I) in Negishi Cross-Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 10333-10336.	13.7	165
3	Spontaneous reduction and C-H borylation of arenes mediated by uranium(III) disproportionation. <i>Nature Chemistry</i> , 2012, 4, 668-674.	13.6	122
4	Coordination Chemistry of N-Heterocyclic Stannylenes: A Combined Synthetic and Mössbauer Spectroscopy Study. <i>Inorganic Chemistry</i> , 2011, 50, 2252-2263.	4.0	62
5	Synthesis and Structural Characterization of Tin Analogues of N-Heterocyclic Carbenes. <i>Inorganic Chemistry</i> , 2008, 47, 11367-11375.	4.0	60
6	C-Substituted Bis(diphenylphosphino)methane-Type Ligands for Chromium-Catalyzed Selective Ethylene Oligomerization Reactions. <i>Organometallics</i> , 2009, 28, 4613-4616.	2.3	58
7	Characterizing Pressure-Induced Uranium C-H Agostic Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6735-6739.	13.8	52
8	New U(III) and U(IV) silylamides and an improved synthesis of NaN(SiMe ₂ R) ₂ (R = Me, Ph). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2814-2821.	1.8	51
9	Thermally Stable Uranium Dinitrogen Complex with Siloxide Supporting Ligands. <i>Organometallics</i> , 2013, 32, 4214-4222.	2.3	51
10	Catalytic applications of small bite-angle diphosphorus ligands with single-atom linkers. <i>Dalton Transactions</i> , 2017, 46, 15157-15174.	3.3	50
11	Syntheses and molecular structures of some saturated N-heterocyclic plumbylenes. <i>Dalton Transactions</i> , 2008, , 6055.	3.3	49
12	White phosphorus as a ligand for the coinage metals. <i>Chemical Communications</i> , 2012, 48, 1970.	4.1	38
13	Racemic N-aryl bis(amidines) and bis(amidates): on the trail of enantioselective organolanthanide catalysts. <i>Dalton Transactions</i> , 2006, , 1544-1553.	3.3	36
14	A ruthenium bis(phosphinophosphinine) complex as a precatalyst for transfer-hydrogenation and hydrogen-borrowing reactions. <i>Dalton Transactions</i> , 2017, 46, 6172-6176.	3.3	35
15	Small bite-angle 2-phosphinophosphinine ligands enable rhodium-catalysed hydroboration of carbonyls. <i>Chemical Communications</i> , 2018, 54, 5482-5485.	4.1	35
16	DACH-Bridged (DACH = trans-1,2-Diaminocyclohexane) Bis(iminophosphonamide) Derivatives of Groups 3 and 13 and Their Use in the Enantiomorphic Polymerization of Methyl Methacrylate. <i>Organometallics</i> , 2007, 26, 538-549.	2.3	32
17	Accessing Alkyl- and Alkenylcyclopentanes from Cr-Catalyzed Ethylene Oligomerization Using 2-Phosphinophosphinine Ligands. <i>Organometallics</i> , 2018, 37, 1062-1073.	2.3	32
18	Functionalised N-Heterocyclic Carbene Ligands in Bimetallic Architectures. <i>Chemistry - A European Journal</i> , 2020, 26, 5927-5941.	3.3	32

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19	Synthesis and characterisation of the persistent radical [BCl ₂ (bipy)] [•] . <i>Chemical Communications</i> , 2010, 46, 5070.	4.1	29
20	Facile preparation of trimethylsilylphosphaalkyne and its conversion to polyphospholide anions. <i>Comptes Rendus Chimie</i> , 2010, 13, 1073-1081.	0.5	25
21	New polycyclic borazine species. <i>Chemical Communications</i> , 2011, 47, 3748.	4.1	25
22	Coordination chemistry of trimethylsilylphosphaalkyne: a phosphaalkyne bearing a reactive substituent. <i>Dalton Transactions</i> , 2012, 41, 14360.	3.3	25
23	Uranium(IV) amido-borohydrides as highly active diene polymerisation catalysts. <i>Dalton Transactions</i> , 2013, 42, 9033.	3.3	25
24	Diborane(4) compounds with bidentate diamino groups. <i>Dalton Transactions</i> , 2012, 41, 2140-2147.	3.3	23
25	1,1- and 1,2-isomers of the diborane(4) compound B ₂ [1,2-(NH) ₂ C ₆ H ₄] ₂ and a TCNQ Co-crystal of the 1,1-isomer. <i>Dalton Transactions</i> , 2009, , 5348.	3.3	20
26	Synthesis of chelating diamido Sn(IV) compounds from oxidation of Sn(II) and directly from Sn(IV) precursors. <i>Dalton Transactions</i> , 2015, 44, 9756-9765.	3.3	18
27	Two isomers of a bis(diphenylphosphino)phosphinine, and the synthesis and reactivity of Ru arene/Cp* phosphinophosphinine complexes. <i>New Journal of Chemistry</i> , 2018, 42, 19625-19636.	2.8	18
28	Lithium Complexes with Bridging and Terminal NHC Ligands: The Decisive Influence of an Anionic Tether. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4894-4901.	2.0	17
29	The Lewis acidity of borylcarboranes. <i>Journal of Organometallic Chemistry</i> , 2020, 907, 121057.	1.8	17
30	Boron–nitrogen analogues of the fluorenyl anion. <i>Dalton Transactions</i> , 2010, 39, 5084.	3.3	15
31	NMR spectroscopic study of the adduct formation and reactivity of homoleptic rare earth amides with alkali metal benzyl compounds, and the crystal structures of [Li(TMEDA) ₂][Nd{N(SiMe ₃) ₂ } ₃ (CH ₂ Ph)] and [Li(TMP)] ₂ [Li(Ph)] ₂ . <i>Journal of Organometallic Chemistry</i> , 2018, 857, 101-109.	1.8	13
32	On the Basicity of Carboranylphosphines. <i>Inorganic Chemistry</i> , 2019, 58, 14818-14829.	4.0	12
33	Synergic Deprotonation Generates Alkali–Metal Salts of Tethered Fluorenone–NHC Ligands Co–Complexed to Alkali–Metal Amides. <i>Chemistry - A European Journal</i> , 2019, 25, 3766-3769.	3.3	11
34	Unexpected Multiple Coordination Modes in Silyl-Bridged Bis(phosphinine) Complexes. <i>Organometallics</i> , 2019, 38, 1595-1605.	2.3	11
35	A Proton–Triggered Cascade Reaction Involving a Heavy p–Block Multiple Bond: Transformation of the Diphosphene C ₅ Me ₅ P=PC ₅ Me ₅ into the Cationic Cage [C ₁₀ Me ₁₀ P ₂ H] ⁺ . <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4511-4515.	2.0	9
36	Synthesis and reactivity of fluorenyl-tethered N-heterocyclic stannylenes. <i>Dalton Transactions</i> , 2016, 45, 6282-6293.	3.3	9

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37	Copper(i) complexes of cis,cis-1,3,5-tris(mesitylideneamino)cyclohexane ligands: synthesis, structure and substrate selectivity. Dalton Transactions, 2009, , 1632.	3.3	8
38	Coordination of isocyanide and reduction of cyclooctatetraene by a homoleptic uranium(III) aryloxy, and characterisation of the heteroleptic uranium(III) dimer $[\{U(N\equiv C)2(thf)(\eta^4-L)\}2]$. Polyhedron, 2016, 116, 82-87.	2.2	8
39	Exploiting the Electronic Tuneability of Carboranes as Supports for Frustrated Lewis Pairs. Molecules, 2018, 23, 3099.	3.8	7
40	Rare Earth and Actinide Complexes. Inorganics, 2016, 4, 31.	2.7	5
41	Reversible temperature-induced polymorphic phase transitions of $[Y(OAr)3]$ and $[Ce(OAr)3]$ (Ar =) Tj ETQq1 1 0.784314 rgBT /Overlook 21, 2884-2892.	2.6	4
42	Neutral Ni(II) Catalysts Based on Maple-Lactone Derived [N,O] Ligands for the Polymerization of Ethylene. Organometallics, 2020, 39, 1751-1761.	2.3	4
43	One-step synthesis of heteroleptic rare-earth amide complexes featuring fluorenyl-tethered N-heterocyclic carbene ligands. Polyhedron, 2021, 197, 115021.	2.2	4
44	A ruthenium $\langle i \rangle$ -dihydride with 2-phosphinophosphinine ligands catalyses the acceptorless dehydrogenation of benzyl alcohol. Dalton Transactions, 2021, 50, 13407-13411.	3.3	4
45	Rhodium Indenyl NHC and Fluorenyl-tethered NHC Half-sandwich Complexes: Synthesis, Structures and Applications in the Catalytic C-H Borylation of Arenes and Alkanes. Chemistry - A European Journal, 2021, 27, 17824-17833.	3.3	4
46	Ortho-metallation of a phenyl ring with antimony(V). Inorganica Chimica Acta, 2007, 360, 418-420.	2.4	3
47	On the Reactivity of N- $\langle i \rangle$ -tert-Butyl-1,2-Diaminoethane: Synthesis of 1- $\langle i \rangle$ -tert-Butyl-2-imidazoline, Formation of an Intramolecular Carbamate Salt from the Reaction with $\langle mml:math \ xmlns:mml="http://www.w3.org/1998/Math/MathML" \ id="M1" \rangle \langle mml:mrow \rangle \langle mml:msub \rangle \langle mml:mrow \rangle \langle mml:mtext \ mathvariant="bold" \rangle CO \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle mml:mrow \rangle \langle mml:mtext \ mathvariant="bold" \rangle 2 \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle /mml:msub \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$, and	0.7	3
48	Generati An indenide-tethered N-heterocyclic stannylene. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 254-256.	0.5	2
49	Reactivity Studies of Phosphinines: The Selenation of Diphenyl-Phosphine Substituents and Formation of a Chelating Bis(Phosphinine) Palladium(II) Complex. Inorganics, 2022, 10, 17.	2.7	2
50	Frontispiece: Functionalised N-heterocyclic Carbene Ligands in Bimetallic Architectures. Chemistry - A European Journal, 2020, 26, .	3.3	0