

Polly Arnold

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/674806/publications.pdf>

Version: 2024-02-01

161
papers

11,245
citations

24978

57
h-index

31759

101
g-index

177
all docs

177
docs citations

177
times ranked

6063
citing authors

#	ARTICLE	IF	CITATIONS
1	A Combined Experimental and Theoretical Investigation of Arene-Supported Actinide and Ytterbium Tetraphenolate Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 4581-4591.	1.9	3
2	Contrasting behaviour under pressure reveals the reasons for pyramidalization in tris(amido)uranium(III) and tris(arylthiolate) uranium(III) molecules. <i>Nature Communications</i> , 2022, 13, .	5.8	7
3	Ultrarapid Cerium(III)-NHC Catalysts for High Molar Mass Cyclic Polylactide. <i>ACS Catalysis</i> , 2021, 11, 1563-1569.	5.5	28
4	Dinuclear Ce(IV) Aryloxides: Highly Active Catalysts for Anhydride/Epoxy Ring-Opening Copolymerization. <i>Organometallics</i> , 2021, 40, 948-958.	1.1	9
5	Instantaneous and Phosphine-Catalyzed Arene Binding and Reduction by U(III) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 4162-4170.	1.9	7
6	Actinide tetra-N-heterocyclic carbene sandwiched complexes. <i>Chemical Science</i> , 2021, 12, 7882-7887.	3.7	11
7	Dicarium letterbox-shaped tetraphenolates: f-block complexes designed for two-electron chemistry. <i>Dalton Transactions</i> , 2020, 49, 877-884.	1.6	7
8	Heterotrimetallic {LnOVPt} complexes with antiferromagnetic Ln-V coupling and magnetic memory. <i>Chemical Communications</i> , 2020, 56, 11062-11065.	2.2	4
9	Metallacyclic actinide catalysts for dinitrogen conversion to ammonia and secondary amines. <i>Nature Chemistry</i> , 2020, 12, 654-659.	6.6	65
10	Selective oxo ligand functionalisation and substitution reactivity in an oxo/catecholate-bridged U ^{IV} /U ^{IV} Pacman complex. <i>Chemical Science</i> , 2020, 11, 7144-7157.	3.7	11
11	Quantum chemical topology and natural bond orbital analysis of M=O covalency in M(OC ₆ H ₅) ₄ (M = Ti, Zr, Hf, Ce, Th, Pa, U, Np). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16804-16812.	1.3	29
12	Thermal and Photochemical Reduction and Functionalization Chemistry of the Uranyl Dication, [U ^{VI} O ₂] ²⁺ . <i>Chemical Reviews</i> , 2019, 119, 10595-10637.	23.0	96
13	A Combined Experimental and Theoretical Study of the Versatile Reactivity of an Oxocerium(IV) Complex: Concerted Versus Reductive Addition. <i>Chemistry - A European Journal</i> , 2019, 25, 10834-10839.	1.7	6
14	Differential uranyl(v) oxo-group bonding between the uranium and metal cations from groups 1, 2, 4, and 12; a high energy resolution X-ray absorption, computational, and synthetic study. <i>Chemical Science</i> , 2019, 10, 9740-9751.	3.7	29
15	Computational analysis of M=O covalency in M(OC ₆ H ₅) ₄ (M = Ti, Zr, Hf, Ce, Th, Pa, U, Np). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16804-16812.	1.6	26
16	Waste not, want not: CO ₂ (re)cycling into block polymers. <i>Chemical Communications</i> , 2019, 55, 7315-7318.	2.2	31
17	Applications of boroxide ligands in supporting small molecule activation by U(III) and U(IV) complexes. <i>Dalton Transactions</i> , 2019, 48, 4894-4905.	1.6	7
18	Controlled Photocatalytic Hydrocarbon Oxidation by Uranyl Complexes. <i>ChemCatChem</i> , 2019, 11, 3786-3790.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Uranyl to Uranium(IV) Conversion through Manipulation of Axial and Equatorial Ligands. Journal of the American Chemical Society, 2018, 140, 3378-3384.	6.6	42
20	Destruction of chemical warfare agent simulants by air and moisture stable metal NHC complexes. Dalton Transactions, 2018, 47, 2568-2574.	1.6	20
21	Double uranium oxo cations derived from uranyl by borane or silane reduction. Chemical Communications, 2018, 54, 3839-3842.	2.2	29
22	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. Chemical Science, 2018, 9, 8035-8045.	3.7	39
23	Geoff Cloke at 65: a pioneer in organometallic chemistry. Dalton Transactions, 2018, 47, 9929-9933.	1.6	1
24	Reduction chemistry of neptunium cyclopentadienide complexes: from structure to understanding. Chemical Science, 2017, 8, 2553-2561.	3.7	52
25	Uranium rhodium bonding in heterometallic complexes. Dalton Transactions, 2017, 46, 5540-5545.	1.6	36
26	Carbon oxygenate transformations by actinide compounds and catalysts. Nature Reviews Chemistry, 2017, 1, .	13.8	92
27	Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium(III) borohydride complexes. Chemical Science, 2017, 8, 3609-3617.	3.7	27
28	Thorium(IV) and Uranium(IV) <i>trans</i> -Calix[2]benzene[2]pyrrolide Alkyl and Alkynyl Complexes: Synthesis, Reactivity, and Electronic Structure. Organometallics, 2017, 36, 4669-4681.	1.1	24
29	Organometallic Neptunium Chemistry. Chemical Reviews, 2017, 117, 11460-11475.	23.0	71
30	Ring opening polymerisation of lactide with uranium(IV) and cerium(IV) phosphinoaryloxy complexes. Dalton Transactions, 2017, 46, 10786-10790.	1.6	11
31	Axially Symmetric U ^{IV} - and U ^{III} -Containing Molecules from the Control of Uranyl Reduction with Simple β -Block Halides. Angewandte Chemie, 2017, 129, 10915-10919.	1.6	7
32	Axially Symmetric U ^{IV} - and U ^{III} -Containing Molecules from the Control of Uranyl Reduction with Simple β -Block Halides. Angewandte Chemie - International Edition, 2017, 56, 10775-10779.	7.2	32
33	Thoroughly enthralling thulium. Nature Chemistry, 2017, 9, 1288-1288.	6.6	0
34	Inner-sphere vs. outer-sphere reduction of uranyl supported by a redox-active, donor-expanded dipyrin. Chemical Science, 2017, 8, 108-116.	3.7	64
35	Enantioselective N-heterocyclic carbene catalyzed formal [3+2] cycloaddition using β -aroyloxyaldehydes and oxaziridines. Tetrahedron: Asymmetry, 2017, 28, 125-134.	1.8	13
36	Relativistic DFT and experimental studies of mono- and bis-actinyl complexes of an expanded Schiff-base polypyrrole macrocycle. Dalton Transactions, 2016, 45, 15910-15921.	1.6	15

#	ARTICLE	IF	CITATIONS
37	Probing the Reactivity of the Ce•O Multiple Bond in a Cerium(IV) Oxo Complex. <i>Inorganic Chemistry</i> , 2016, 55, 10003-10012.	1.9	30
38	Organometallic neptunium(III) complexes. <i>Nature Chemistry</i> , 2016, 8, 797-802.	6.6	88
39	Subtle Interactions and Electron Transfer between U ^{III} , Np ^{III} , or Pu ^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie</i> , 2016, 128, 12989-12993.	1.6	15
40	Dinuclear uranium complexation and manipulation using robust tetraaryloxides. <i>Dalton Transactions</i> , 2016, 45, 16026-16032.	1.6	10
41	Subtle Interactions and Electron Transfer between U ^{III} , Np ^{III} , or Pu ^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12797-12801.	7.2	40
42	Coordination of isocyanide and reduction of cyclooctatetraene by a homoleptic uranium(III) aryloxide, and characterisation of the heteroleptic uranium(III) dimer [$\{U(N\equiv C)_2(thf)(\eta^4-I)\}_2$]. <i>Polyhedron</i> , 2016, 116, 82-87.	1.0	8
43	Controlling uranyl oxo group interactions to group 14 elements using polypyrrolic Schiff-base macrocyclic ligands. <i>Dalton Transactions</i> , 2016, 45, 15902-15909.	1.6	29
44	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. <i>Inorganic Chemistry</i> , 2016, 55, 214-220.	1.9	6
45	Metal•Metal Bonding in Uranium•Group 10 Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 3333-3345.	6.6	79
46	Macrocyclic Platforms for the Construction of Tetranuclear Oxo and Hydroxo Zinc Clusters. <i>Organometallics</i> , 2015, 34, 2608-2613.	1.1	19
47	Uranium(III) Coordination Chemistry and Oxidation in a Flexible Small-Cavity Macrocyclic. <i>Organometallics</i> , 2015, 34, 2114-2117.	1.1	35
48	Catalytic one-electron reduction of uranyl(^{vi}) to Group 1 uranyl(^v) complexes via Al(ⁱⁱⁱ) coordination. <i>Chemical Communications</i> , 2015, 51, 5876-5879.	2.2	40
49	Selective Oligomerization and [2 + 2 + 2] Cycloaddition of Terminal Alkynes from Simple Actinide Precatalysts. <i>Organometallics</i> , 2015, 34, 4039-4050.	1.1	36
50	Characterizing Pressure•Induced Uranium C••H Agostic Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6735-6739.	7.2	52
51	Control of Oxo-Group Functionalization and Reduction of the Uranyl Ion. <i>Inorganic Chemistry</i> , 2015, 54, 3702-3710.	1.9	51
52	Thorium Mono- and Bis(imido) Complexes Made by Reprotonation of •cyclo•Metalated Amides. <i>Journal of the American Chemical Society</i> , 2015, 137, 10492-10495.	6.6	80
53	C••H Bond Activation by •Block Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 82-100.	7.2	197
54	Arene-ligated heteroleptic terphenolate complexes of thorium. <i>Dalton Transactions</i> , 2014, 43, 17416-17421.	1.6	24

#	ARTICLE	IF	CITATIONS
55	Switchable π -coordination and C-H metallation in small-cavity macrocyclic uranium and thorium complexes. <i>Chemical Science</i> , 2014, 5, 756-765.	3.7	53
56	Homo- and heteroleptic alkoxy-carbene f-element complexes and their reactivity towards acidic N-H and C-H bonds. <i>Dalton Transactions</i> , 2014, 43, 14346-14358.	1.6	38
57	Activation of carbon dioxide and carbon disulfide by a scandium N-heterocyclic carbene complex. <i>Dalton Transactions</i> , 2014, 43, 34-37.	1.6	55
58	Protonolysis and thermolysis reactions of functionalised NHC-carbene boranes and borates. <i>Dalton Transactions</i> , 2014, 43, 15419-15428.	1.6	3
59	New Chemistry from an Old Reagent: Mono- and Dinuclear Macrocyclic Uranium(III) Complexes from $[\text{U}(\text{BH}_4)_3(\text{THF})_2]$. <i>Journal of the American Chemical Society</i> , 2014, 136, 10218-10221.	6.6	53
60	Thermally Stable Uranium Dinitrogen Complex with Siloxide Supporting Ligands. <i>Organometallics</i> , 2013, 32, 4214-4222.	1.1	51
61	Oxo-Group-Element Bond Formation in Binuclear Uranium(V) Pacman Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 10287-10294.	1.7	38
62	A reducing role for boron. <i>Nature</i> , 2013, 502, 458-459.	13.7	6
63	Isocyanide and Phosphine Oxide Coordination in Binuclear Chromium Pacman Complexes. <i>Organometallics</i> , 2013, 32, 6879-6882.	1.1	6
64	Oxo-Functionalization and Reduction of the Uranyl Ion through Lanthanide-Element Bond Homolysis: Synthetic, Structural, and Bonding Analysis of a Series of Singly Reduced Uranyl-Rare Earth $5f^{n-1}4f^{n-1}$ Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3841-3854.	6.6	107
65	Numerical and experimental investigation of NIR-to-visible energy up-conversion in Er^{3+} -doped sol-gel SiO_2 powders. <i>Journal of Materials Chemistry C</i> , 2013, 1, 8075.	2.7	6
66	Tuning the catalytic properties of rare earth borohydrides for the polymerisation of isoprene. <i>Dalton Transactions</i> , 2013, 42, 790-801.	1.6	35
67	Uranium(IV) amido-borohydrides as highly active diene polymerisation catalysts. <i>Dalton Transactions</i> , 2013, 42, 9033.	1.6	25
68	Carbon monoxide and carbon dioxide insertion chemistry of f-block N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2013, 42, 1333-1337.	1.6	51
69	Numerical and experimental investigation of near-infrared-visible luminescence in erbium doped sol-gel SiO_2 . , 2013, , .		0
70	Controlled Deprotection and Reorganization of Uranyl Oxo Groups in a Binuclear Macrocyclic Environment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12584-12587.	7.2	47
71	Theoretical exploration of uranyl complexes of a designed polypyrrolic macrocycle: structure/property effects of hinge size on Pacman-shaped complexes. <i>Dalton Transactions</i> , 2012, 41, 8878.	1.6	24
72	Strongly coupled binuclear uranium-oxo complexes from uranyl oxo rearrangement and reductive silylation. <i>Nature Chemistry</i> , 2012, 4, 221-227.	6.6	149

#	ARTICLE	IF	CITATIONS
73	Uranyl steps in the ring. <i>Nature Chemistry</i> , 2012, 4, 967-969.	6.6	13
74	Co-linear, double-uranyl coordination by an expanded Schiff-base polypyrrole macrocycle. <i>Dalton Transactions</i> , 2012, 41, 6595.	1.6	28
75	Spontaneous reduction and C-H borylation of arenes mediated by uranium(III) disproportionation. <i>Nature Chemistry</i> , 2012, 4, 668-674.	6.6	122
76	Uranium-mediated activation of small molecules. <i>Chemical Communications</i> , 2011, 47, 9005.	2.2	164
77	Theoretical predictions of cofacial bis(actinyl) complexes of a stretched Schiff-base calixpyrrole ligand. <i>Chemical Communications</i> , 2011, 47, 5720.	2.2	44
78	Carbon-Silicon and Carbon-Carbon Bond Formation by Elimination Reactions at Metal N-Heterocyclic Carbene Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 11744-11756.	6.6	58
79	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.	6.6	218
80	Carbon monoxide coupling and functionalisation at a simple uranium coordination complex. <i>Chemical Science</i> , 2011, 2, 77-79.	3.7	139
81	Single-Electron Uranyl Reduction by a Rare-Earth Cation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 887-890.	7.2	115
82	Oxo Group Protonation and Silylation of Pentavalent Uranyl Pacman Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9456-9458.	7.2	50
83	Numerical and experimental investigation of upconversion in Er doped sol-gel SiO ₂ . , 2011, , .		0
84	The Effect of the Equatorial Environment on Oxo-Group Silylation of the Uranyl Dication: A Computational Study. <i>Chemistry - A European Journal</i> , 2010, 16, 4881-4888.	1.7	25
85	Covalency in Ce ^{IV} and U ^{IV} Halide and N-Heterocyclic Carbene Bonds. <i>Chemistry - A European Journal</i> , 2010, 16, 9623-9629.	1.7	137
86	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.	0.8	51
87	Cation o' nine tails. <i>Nature</i> , 2010, 466, 704-705.	13.7	1
88	Uranyl oxo activation and functionalization by metal cation coordination. <i>Nature Chemistry</i> , 2010, 2, 1056-1061.	6.6	153
89	Uranium-Nitrogen Multiple Bonding: Isostructural Anionic, Neutral, and Cationic Uranium Nitride Complexes Featuring a Linear U-N-U Core. <i>Journal of the American Chemical Society</i> , 2010, 132, 3250-3251.	6.6	111
90	Addition-Elimination Reactions across the M-C Bond of Metal N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 4050-4051.	6.6	81

#	ARTICLE	IF	CITATIONS
91	Synthesis of Bimetallic Uranium and Neptunium Complexes of a Binucleating Macrocyclic and Determination of the Solid-State Structure by Magnetic Analysis. <i>Inorganic Chemistry</i> , 2010, 49, 5341-5343.	1.9	44
92	Constructing cerium supramolecular wheels and encapsulating uranium with a Schiff-base calixpyrrole ligand. <i>Chemical Communications</i> , 2010, 46, 1833-1835.	2.2	34
93	Equatorial ligand substitution by hydroxide in uranyl Pacman complexes of a Schiff-base pyrrole macrocycle. <i>Dalton Transactions</i> , 2010, 39, 3501.	1.6	17
94	Lanthanide/actinide differentiation with sterically encumbered N-heterocyclic carbene ligands. <i>Dalton Transactions</i> , 2010, 39, 6808.	1.6	17
95	Chiral Indium Alkoxide Complexes as Initiators for the Stereoselective Ring-Opening Polymerization of rac-Lactide. <i>Inorganic Chemistry</i> , 2010, 49, 419-426.	1.9	97
96	Ligand Recognition Processes in the Formation of Homochiral C_3 -Symmetric LnL ₃ Complexes of a Chiral Alkoxide. <i>Chemistry - A European Journal</i> , 2009, 15, 8241-8250.	1.7	59
97	Organometallic Cerium Complexes from Tetravalent Coordination Complexes. <i>Helvetica Chimica Acta</i> , 2009, 92, 2291-2303.	1.0	51
98	Now U=C it. <i>Nature Chemistry</i> , 2009, 1, 29-30.	6.6	13
99	Pentavalent uranyl complexes. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1973-1978.	9.5	211
100	Chelating N-Heterocyclic Carbene Alkoxide as a Supporting Ligand for Pd ^{II/IV} C-H Bond Functionalization Catalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 13912-13913.	6.6	162
101	Magnesium and zinc complexes of functionalised, saturated N-heterocyclic carbene ligands: carbene lability and functionalisation, and lactide polymerisation catalysis. <i>Dalton Transactions</i> , 2009, , 7236.	1.6	115
102	A DFT study of the single electron reduction and silylation of the U=O bond of the uranyl dication in a macrocyclic environment. <i>Chemical Communications</i> , 2009, , 2402.	2.2	36
103	An unsupported transition metal-lanthanide bond; synthesis and crystal structure of an Nd-Fe amido N-heterocyclic carbene complex. <i>Chemical Communications</i> , 2009, , 818-820.	2.2	82
104	F-Block N-Heterocyclic Carbene Complexes. <i>Chemical Reviews</i> , 2009, 109, 3599-3611.	23.0	355
105	Functionalised Saturated Backbone Carbene Ligands: Yttrium and Uranyl Alkoxy Carbene Complexes and Bicyclic Carbene-Alcohol Adducts. <i>Chemistry - A European Journal</i> , 2008, 14, 10415-10422.	1.7	66
106	C_3 -Symmetric Lanthanide Tris(alkoxide) Complexes Formed by Preferential Complexation and Their Stereoselective Polymerization of rac-Lactide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6033-6036.	7.2	150
107	Synthesis and reactivity of neodymium(III) amido-tethered N-heterocyclic carbene complexes. <i>Comptes Rendus Chimie</i> , 2008, 11, 603-611.	0.2	9
108	Reduction and selective oxo group silylation of the uranyl dication. <i>Nature</i> , 2008, 451, 315-317.	13.7	257

#	ARTICLE	IF	CITATIONS
109	Magnesium amido N-heterocyclic carbene complexes. Dalton Transactions, 2008, , 3739.	1.6	34
110	Comparisons between Yttrium and Titanium N-Heterocyclic Carbene Complexes in the Search for Early Transition Metal NHC Backbonding Interactions. Inorganic Chemistry, 2008, 47, 9042-9049.	1.9	41
111	Computational Density Functional Study of Polypyrrolic Macrocycles: Analysis of Actinyl-Oxo to 3d Transition Metal Bonding. Inorganic Chemistry, 2008, 47, 11583-11592.	1.9	35
112	Synthesis and structural characterisation of an yttrium-alkylidene. Chemical Communications, 2008, , 1747.	2.2	92
113	Low-Valent Uranium Iodides: Straightforward Solution Syntheses of U ³⁺ and U ⁴⁺ Etherates. Inorganic Chemistry, 2008, 47, 8577-8579.	1.9	61
114	Tetravalent cerium carbene complexes. Chemical Communications, 2007, , 5037.	2.2	79
115	A Lanthanide-Gallium Complex Stabilized by the N-Heterocyclic Carbene Group. Journal of the American Chemical Society, 2007, 129, 5360-5361.	6.6	113
116	Synthesis and characterisation of yttrium complexes supported by the β^2 -diketiminato ligand {ArNC(CH ₃)CHC(CH ₃)NAr} (Ar = 2,6-Pri ₂ C ₆ H ₃). Dalton Transactions, 2007, , 3305.	1.6	57
117	Anionic tethered N-heterocyclic carbene chemistry. Chemical Society Reviews, 2007, 36, 1732.	18.7	354
118	Synthesis and NHC Lability of d ⁰ Lithium, Yttrium, Titanium, and Zirconium Amido Bis(N-heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	71
119	Abnormal N-heterocyclic carbenes. Coordination Chemistry Reviews, 2007, 251, 596-609.	9.5	461
120	Sterically demanding bi- and tridentate alkoxy-N-heterocyclic carbenes. Inorganica Chimica Acta, 2007, 360, 190-196.	1.2	20
121	Titanium(III) Alkoxy-N-heterocyclic Carbenes and a Safe, Low-Cost Route to TiCl ₃ (THF) ₃ . Organometallics, 2007, 26, 755-757.	1.1	83
122	Group I cation templated formation of luminescent mono- and bis-substituted thionaphthol heterobimetallic complexes of Pr, Nd, Eu and Tb. Dalton Transactions, 2006, , 4465.	1.6	5
123	Bifunctional yttrium(iii) and titanium(iv) NHC catalysts for lactide polymerisation. Chemical Communications, 2006, , 1124.	2.2	150
124	F-block N-heterocyclic carbene complexes. Chemical Communications, 2006, , 3959.	2.2	156
125	Selective Oxo Functionalization of the Uranyl Ion with 3d Metal Cations. Journal of the American Chemical Society, 2006, 128, 9610-9611.	6.6	130
126	Titanium(IV) Alkoxy-N-heterocyclic Carbenes: Structural Preferences of Alkoxide and Bromide Adducts. Organometallics, 2006, 25, 1861-1867.	1.1	46

#	ARTICLE	IF	CITATIONS
127	Deprotonation of N-Heterocyclic Carbenes to Afford Heterobimetallic Organolanthanide Complexes. <i>Organometallics</i> , 2006, 25, 1485-1491.	1.1	126
128	Silver alkoxide and amino N-heterocyclic carbenes; syntheses and crystal structures. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5710-5719.	0.8	54
129	Thermally stable potassium N-heterocyclic carbene complexes with alkoxide ligands, and a polymeric crystal structure with distorted, bridging carbenes. <i>Chemical Communications</i> , 2005, , 1743.	2.2	98
130	Synthesis and Small Molecule Reactivity of Uranium(IV) Alkoxide Complexes with both Bound and Pendant N-heterocyclic Carbene Ligands. <i>Chemistry - A European Journal</i> , 2005, 11, 6095-6099.	1.7	75
131	Regioselective C-H activation of lanthanide-bound N-heterocyclic carbenes. <i>Chemical Communications</i> , 2005, , 5638.	2.2	55
132	Synthesis of Heteroleptic Cerium(III) Anionic Amido-Tethered N-Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2005, 24, 2597-2605.	1.1	77
133	Bent metal carbene geometries in amido N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2004, , 2738.	2.2	118
134	Group 4 Complexes of Chelating Dianionic [OSO] Binaphtholate Ligands; Synthesis and Alkene Polymerisation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3724.	1.0	27
135	Asymmetric Lithium(I) and Copper(II) Alkoxy-N-heterocyclic Carbene Complexes; Crystallographic Characterization and Lewis Acid Catalysis.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
136	Silver nanoparticles and polymeric medical devices: a new approach to prevention of infection?. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 1019-1024.	1.3	655
137	Asymmetric lithium(i) and copper(ii) alkoxy-N-heterocyclic carbene complexes; crystallographic characterisation and Lewis acid catalysisElectronic supplementary information (ESI) available: full synthetic and structural details. See http://www.rsc.org/suppdata/cc/b4/b404614e/ . <i>Chemical Communications</i> , 2004, , 1612.	2.2	213
138	Uranyl Complexation by a Schiff-Base, Polypyrrolic Macrocycle. <i>Inorganic Chemistry</i> , 2004, 43, 8206-8208.	1.9	100
139	Di- and Trivalent Ruthenium Complexes of Chelating, Anionic N-Heterocyclic Carbenes. <i>Organometallics</i> , 2004, 23, 2519-2521.	1.1	88
140	Synthesis and luminescence studies of mono- and C3-symmetric, tris(ligand) complexes of Sm(iii), Y(iii) and Eu(iii) with sulfur-bridged binaphtholate ligands. <i>Dalton Transactions</i> , 2004, , 3748.	1.6	18
141	Organometallic Chemistry of Monometallic Species. <i>ChemInform</i> , 2003, 34, no.	0.1	0
142	Anionic Amido N-Heterocyclic Carbenes: Synthesis of Covalently Tethered Lanthanide-Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5981-5984.	7.2	179
143	Arene complexation of Sm, Eu, Tm and Yb atoms: a variable temperature spectroscopic investigation. <i>Journal of Organometallic Chemistry</i> , 2003, 688, 49-55.	0.8	39
144	Sulfur-bridged phenoxide and naphthyloxy-based ligands for lanthanide chemistry and catalysis. <i>Journal of Solid State Chemistry</i> , 2003, 171, 90-100.	1.4	14

#	ARTICLE	IF	CITATIONS
145	Mechanistic insight into the lanthanide (iii) salt catalysed monoacylation of symmetrical diols from structural models Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b308171k/ . Chemical Communications, 2003, , 2588.	2.2	15
146	Synthesis of mono- and di-potassium salts and methoxy adducts of sulfur-bridged biphenols by selective deprotonation Electronic supplementary information (ESI) available: full characterisation for all complexes described and packing diagrams for 3 and 5. See http://www.rsc.org/suppdata/dt/b3/b301015e/ . Dalton Transactions, 2003, , 1053-1055.	1.6	7
147	Organometallic chemistry of monometallic species. Annual Reports on the Progress of Chemistry Section A, 2002, 98, 369-391.	0.8	2
148	Organometallic chemistry of silver and copper N-heterocyclic carbene complexes. Heteroatom Chemistry, 2002, 13, 534-539.	0.4	125
149	Symmetric and asymmetric samarium alkoxide derivatives of bridging sulfur biphenolate and binaphtholate ligands; synthetic, structural, and catalytic studies. Journal of Organometallic Chemistry, 2002, 647, 205-215.	0.8	43
150	A functional model for lanthanide doped silicate materials: synthesis of an apically substituted samarium silsesquioxane complex. Dalton Transactions RSC, 2001, , 488-491.	2.3	24
151	Chelating alkoxy-N-heterocyclic carbene complexes of silver and copper. Chemical Communications, 2001, , 2340-2341.	2.2	150
152	Selective reduction in ring size of silsesquioxane oligomers mediated by potassium metal. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o131-o133.	0.2	0
153	Arene-Bridged Diuranium Complexes: Inverted Sandwiches Supported by π Backbonding. Journal of the American Chemical Society, 2000, 122, 6108-6109.	6.6	281
154	Metal Vapor Synthesis as a Straightforward Route to Group 10 Homoleptic Carbene Complexes. Organometallics, 1999, 18, 3228-3233.	1.1	123
155	The first stable scandocene: synthesis and characterisation of bis(η -2,4,5-tri-tert-butyl-1,3-diphosphacyclopentadienyl)scandium(II). Chemical Communications, 1998, , 797-798.	2.2	63
156	Heterodinuclear Uranium/Molybdenum Dinitrogen Complexes. Journal of the American Chemical Society, 1998, 120, 5836-5837.	6.6	167
157	An experimental and theoretical investigation of the electronic structure of Pd and Pt bis(carbene) complexes. Chemical Communications, 1997, , 1963.	2.2	133
158	The first structurally authenticated zerovalent heteroarene complex of a lanthanide; synthesis and X-ray structure of bis(2,4,6-tri-tert-butylphosphorin)holmium(O). Chemical Communications, 1997, , 481-482.	2.2	39
159	Bis(η -heteroarene) titanium complexes derived from 2,4,6-tri-tert-butylpyridine and 2,4,6-tri-tert-butylphosphorin: Conformational preference in solution and redox activity. Journal of Organometallic Chemistry, 1997, 528, 77-81.	0.8	16
160	The First Example of a Formal Scandium(I) Complex: Synthesis and Molecular Structure of a 22-Electron Scandium Triple Decker Incorporating the Novel 1,3,5-Triphosphenylbenzene Ring. Journal of the American Chemical Society, 1996, 118, 7630-7631.	6.6	134
161	Synthesis of Permethylindenyl Complexes of the Early Transition Metals. Crystal Structures of $Ti(\eta^5-C_9Me_7)Cl_3$ and $Zr(\eta^5-C_9Me_7)_2Cl_2$. Organometallics, 1994, 13, 4689-4694.	1.1	31