

Polly Arnold

List of Publications by Year in descending order

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161
papers

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docs citations

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times ranked

6063
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Silver nanoparticles and polymeric medical devices: a new approach to prevention of infection?. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 1019-1024. | 3.0 | 655 |
| 2 | Abnormal N-heterocyclic carbenes. <i>Coordination Chemistry Reviews</i> , 2007, 251, 596-609. | 18.8 | 461 |
| 3 | F-Block N-Heterocyclic Carbene Complexes. <i>Chemical Reviews</i> , 2009, 109, 3599-3611. | 47.7 | 355 |
| 4 | Anionic tethered N-heterocyclic carbene chemistry. <i>Chemical Society Reviews</i> , 2007, 36, 1732. | 38.1 | 354 |
| 5 | Arene-Bridged Diuranium Complexes: Inverted Sandwiches Supported by π Backbonding. <i>Journal of the American Chemical Society</i> , 2000, 122, 6108-6109. | 13.7 | 281 |
| 6 | Reduction and selective oxo group silylation of the uranyl dication. <i>Nature</i> , 2008, 451, 315-317. | 27.8 | 257 |
| 7 | 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 |
| 8 | Asymmetric lithium(i) and copper(ii) alkoxy-N-heterocyclic carbene complexes; crystallographic characterisation and Lewis acid catalysis Electronic supplementary information (ESI) available: full synthetic and structural details. See http://www.rsc.org/suppdata/cc/b4/b404614e/ . <i>Chemical Communications</i> , 2004, , 1612. | 4.1 | 213 |
| 9 | Pentavalent uranyl complexes. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1973-1978. | 18.8 | 211 |
| 10 | $C\equiv H$ Bond Activation by π -Block Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 82-100. | 13.8 | 197 |
| 11 | Anionic Amido N-Heterocyclic Carbenes: Synthesis of Covalently Tethered Lanthanide Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5981-5984. | 13.8 | 179 |
| 12 | Heterodinuclear Uranium/Molybdenum Dinitrogen Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 5836-5837. | 13.7 | 167 |
| 13 | Uranium-mediated activation of small molecules. <i>Chemical Communications</i> , 2011, 47, 9005. | 4.1 | 164 |
| 14 | Chelating N-Heterocyclic Carbene Alkoxide as a Supporting Ligand for $Pd^{II/IV}$ $C\equiv H$ Bond Functionalization Catalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 13912-13913. | 13.7 | 162 |
| 15 | F-block N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2006, , 3959. | 4.1 | 156 |
| 16 | Uranyl oxo activation and functionalization by metal cation coordination. <i>Nature Chemistry</i> , 2010, 2, 1056-1061. | 13.6 | 153 |
| 17 | Chelating alkoxy-N-heterocyclic carbene complexes of silver and copper. <i>Chemical Communications</i> , 2001, , 2340-2341. | 4.1 | 150 |
| 18 | Bifunctional yttrium(iii) and titanium(iv) NHC catalysts for lactide polymerisation. <i>Chemical Communications</i> , 2006, , 1124. | 4.1 | 150 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | C_3 -Symmetric Lanthanide Tris(alkoxide) Complexes Formed by Preferential Complexation and Their Stereoselective Polymerization of Δ -Lactide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6033-6036. | 13.8 | 150 |
| 20 | Strongly coupled binuclear uranium(IV) oxo complexes from uranyl oxo rearrangement and reductive silylation. <i>Nature Chemistry</i> , 2012, 4, 221-227. | 13.6 | 149 |
| 21 | Carbon monoxide coupling and functionalisation at a simple uranium coordination complex. <i>Chemical Science</i> , 2011, 2, 77-79. | 7.4 | 139 |
| 22 | Covalency in $Ce(IV)$ and $U(IV)$ Halide and N -Heterocyclic Carbene Bonds. <i>Chemistry - A European Journal</i> , 2010, 16, 9623-9629. | 3.3 | 137 |
| 23 | 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-Triphosphabenzene Ring. <i>Journal of the American Chemical Society</i> , 1996, 118, 7630-7631. | 13.7 | 134 |
| 24 | An experimental and theoretical investigation of the electronic structure of Pd and Pt bis(carbene) complexes. <i>Chemical Communications</i> , 1997, , 1963. | 4.1 | 133 |
| 25 | Selective Oxo Functionalization of the Uranyl Ion with 3d Metal Cations. <i>Journal of the American Chemical Society</i> , 2006, 128, 9610-9611. | 13.7 | 130 |
| 26 | Deprotonation of N -Heterocyclic Carbenes to Afford Heterobimetallic Organolanthanide Complexes. <i>Organometallics</i> , 2006, 25, 1485-1491. | 2.3 | 126 |
| 27 | Organometallic chemistry of silver and copper N -heterocyclic carbene complexes. <i>Heteroatom Chemistry</i> , 2002, 13, 534-539. | 0.7 | 125 |
| 28 | Metal Vapor Synthesis as a Straightforward Route to Group 10 Homoleptic Carbene Complexes. <i>Organometallics</i> , 1999, 18, 3228-3233. | 2.3 | 123 |
| 29 | Spontaneous reduction and $C-H$ borylation of arenes mediated by uranium(III) disproportionation. <i>Nature Chemistry</i> , 2012, 4, 668-674. | 13.6 | 122 |
| 30 | Bent metal carbene geometries in amido N -heterocyclic carbene complexes. <i>Chemical Communications</i> , 2004, , 2738. | 4.1 | 118 |
| 31 | 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. | 3.3 | 115 |
| 32 | Single-Electron Uranyl Reduction by a Rare-Earth Cation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 887-890. | 13.8 | 115 |
| 33 | A Lanthanide-Gallium Complex Stabilized by the N -Heterocyclic Carbene Group. <i>Journal of the American Chemical Society</i> , 2007, 129, 5360-5361. | 13.7 | 113 |
| 34 | 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. | 13.7 | 111 |
| 35 | 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 $5f^{1-4}n$ Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3841-3854. | 13.7 | 107 |
| 36 | Uranyl Complexation by a Schiff-Base, Polypyrrolic Macrocyclic. <i>Inorganic Chemistry</i> , 2004, 43, 8206-8208. | 4.0 | 100 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | 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. | 4.1 | 98 |
| 38 | Chiral Indium Alkoxide Complexes as Initiators for the Stereoselective Ring-Opening Polymerization of rac-Lactide. <i>Inorganic Chemistry</i> , 2010, 49, 419-426. | 4.0 | 97 |
| 39 | Thermal and Photochemical Reduction and Functionalization Chemistry of the Uranyl Dication, [U ^{VI} O ₂] ²⁺ . <i>Chemical Reviews</i> , 2019, 119, 10595-10637. | 47.7 | 96 |
| 40 | Synthesis and structural characterisation of an yttrium-alkylidene. <i>Chemical Communications</i> , 2008, , 1747. | 4.1 | 92 |
| 41 | Carbon oxygenate transformations by actinide compounds and catalysts. <i>Nature Reviews Chemistry</i> , 2017, 1, . | 30.2 | 92 |
| 42 | Di- and Trivalent Ruthenium Complexes of Chelating, Anionic N-Heterocyclic Carbenes. <i>Organometallics</i> , 2004, 23, 2519-2521. | 2.3 | 88 |
| 43 | Organometallic neptunium(III) complexes. <i>Nature Chemistry</i> , 2016, 8, 797-802. | 13.6 | 88 |
| 44 | Titanium(III) Alkoxy-N-heterocyclic Carbenes and a Safe, Low-Cost Route to TiCl ₃ (THF) ₃ . <i>Organometallics</i> , 2007, 26, 755-757. | 2.3 | 83 |
| 45 | 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. | 4.1 | 82 |
| 46 | 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. | 13.7 | 81 |
| 47 | Thorium Mono- and Bis(imido) Complexes Made by Reprotonation of <i>cyclo</i> -Metalated Amides. <i>Journal of the American Chemical Society</i> , 2015, 137, 10492-10495. | 13.7 | 80 |
| 48 | Tetravalent cerium carbene complexes. <i>Chemical Communications</i> , 2007, , 5037. | 4.1 | 79 |
| 49 | Metal-Metal Bonding in Uranium-Group 10 Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 3333-3345. | 13.7 | 79 |
| 50 | Synthesis of Heteroleptic Cerium(III) Anionic Amido-Tethered N-Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2005, 24, 2597-2605. | 2.3 | 77 |
| 51 | 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. | 3.3 | 75 |
| 52 | Synthesis and NHC Lability of d ⁰ Lithium, Yttrium, Titanium, and Zirconium Amido Bis(N-heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 2.3 | 71 |
| 53 | Organometallic Neptunium Chemistry. <i>Chemical Reviews</i> , 2017, 117, 11460-11475. | 47.7 | 71 |
| 54 | 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. | 3.3 | 66 |

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|----|--|------|-----------|
| 55 | Metallacyclic actinide catalysts for dinitrogen conversion to ammonia and secondary amines. <i>Nature Chemistry</i> , 2020, 12, 654-659. | 13.6 | 65 |
| 56 | Inner-sphere vs. outer-sphere reduction of uranyl supported by a redox-active, donor-expanded dipyrin. <i>Chemical Science</i> , 2017, 8, 108-116. | 7.4 | 64 |
| 57 | The first stable scandocene: synthesis and characterisation of bis(1-2,4,5-tri-tert-butyl-1,3-diphosphacyclopentadienyl)scandium(II). <i>Chemical Communications</i> , 1998, , 797-798. | 4.1 | 63 |
| 58 | Low-Valent Uranium Iodides: Straightforward Solution Syntheses of UI_3 and UI_4 Etherates. <i>Inorganic Chemistry</i> , 2008, 47, 8577-8579. | 4.0 | 61 |
| 59 | Ligand Recognition Processes in the Formation of Homochiral C_3 -Symmetric Ln_3 Complexes of a Chiral Alkoxide. <i>Chemistry - A European Journal</i> , 2009, 15, 8241-8250. | 3.3 | 59 |
| 60 | 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. | 13.7 | 58 |
| 61 | Synthesis and characterisation of yttrium complexes supported by the \hat{I}^2 -diketiminato ligand $\{ArNC(CH_3)CHC(CH_3)NAr\}$ ($Ar = 2,6\text{-Pri}_2C_6H_3$). <i>Dalton Transactions</i> , 2007, , 3305. | 3.3 | 57 |
| 62 | Regioselective C-H activation of lanthanide-bound N-heterocyclic carbenes. <i>Chemical Communications</i> , 2005, , 5638. | 4.1 | 55 |
| 63 | Activation of carbon dioxide and carbon disulfide by a scandium N-heterocyclic carbene complex. <i>Dalton Transactions</i> , 2014, 43, 34-37. | 3.3 | 55 |
| 64 | Silver alkoxide and amino N-heterocyclic carbenes; syntheses and crystal structures. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5710-5719. | 1.8 | 54 |
| 65 | Switchable π -coordination and C-H metallation in small-cavity macrocyclic uranium and thorium complexes. <i>Chemical Science</i> , 2014, 5, 756-765. | 7.4 | 53 |
| 66 | New Chemistry from an Old Reagent: Mono- and Dinuclear Macrocyclic Uranium(III) Complexes from $[U(BH_4)_3(THF)_2]$. <i>Journal of the American Chemical Society</i> , 2014, 136, 10218-10221. | 13.7 | 53 |
| 67 | Characterizing Pressure-Induced Uranium C-H Agostic Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6735-6739. | 13.8 | 52 |
| 68 | Reduction chemistry of neptunium cyclopentadienide complexes: from structure to understanding. <i>Chemical Science</i> , 2017, 8, 2553-2561. | 7.4 | 52 |
| 69 | Organometallic Cerium Complexes from Tetravalent Coordination Complexes. <i>Helvetica Chimica Acta</i> , 2009, 92, 2291-2303. | 1.6 | 51 |
| 70 | New U(III) and U(IV) silylamides and an improved synthesis of $NaN(SiMe_2R)_2$ ($R = Me, Ph$). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2814-2821. | 1.8 | 51 |
| 71 | Thermally Stable Uranium Dinitrogen Complex with Siloxide Supporting Ligands. <i>Organometallics</i> , 2013, 32, 4214-4222. | 2.3 | 51 |
| 72 | Carbon monoxide and carbon dioxide insertion chemistry of f-block N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2013, 42, 1333-1337. | 3.3 | 51 |

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|----|---|------|-----------|
| 73 | Control of Oxo-Group Functionalization and Reduction of the Uranyl Ion. <i>Inorganic Chemistry</i> , 2015, 54, 3702-3710. | 4.0 | 51 |
| 74 | Oxo Group Protonation and Silylation of Pentavalent Uranyl Pacman Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9456-9458. | 13.8 | 50 |
| 75 | Controlled Deprotection and Reorganization of Uranyl Oxo Groups in a Binuclear Macrocyclic Environment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12584-12587. | 13.8 | 47 |
| 76 | Titanium(IV) Alkoxy-N-heterocyclic Carbenes: Structural Preferences of Alkoxide and Bromide Adducts. <i>Organometallics</i> , 2006, 25, 1861-1867. | 2.3 | 46 |
| 77 | 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. | 4.0 | 44 |
| 78 | Theoretical predictions of cofacial bis(actinyl) complexes of a stretched Schiff-base calixpyrrole ligand. <i>Chemical Communications</i> , 2011, 47, 5720. | 4.1 | 44 |
| 79 | Symmetric and asymmetric samarium alkoxide derivatives of bridging sulfur biphenolate and binaphtholate ligands; synthetic, structural, and catalytic studies. <i>Journal of Organometallic Chemistry</i> , 2002, 647, 205-215. | 1.8 | 43 |
| 80 | Uranyl to Uranium(IV) Conversion through Manipulation of Axial and Equatorial Ligands. <i>Journal of the American Chemical Society</i> , 2018, 140, 3378-3384. | 13.7 | 42 |
| 81 | Comparisons between Yttrium and Titanium N-Heterocyclic Carbene Complexes in the Search for Early Transition Metal NHC Backbonding Interactions. <i>Inorganic Chemistry</i> , 2008, 47, 9042-9049. | 4.0 | 41 |
| 82 | 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. | 4.1 | 40 |
| 83 | 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. | 13.8 | 40 |
| 84 | The first structurally authenticated zerovalent heteroarene complex of a lanthanide; synthesis and X-ray structure of bis(2,4,6-tri-tert-butylphosphorin)holmium(0). <i>Chemical Communications</i> , 1997, , 481-482. | 4.1 | 39 |
| 85 | Arene complexation of Sm, Eu, Tm and Yb atoms: a variable temperature spectroscopic investigation. <i>Journal of Organometallic Chemistry</i> , 2003, 688, 49-55. | 1.8 | 39 |
| 86 | Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. <i>Chemical Science</i> , 2018, 9, 8035-8045. | 7.4 | 39 |
| 87 | Oxo Group Element Bond Formation in Binuclear Uranium(V) Pacman Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 10287-10294. | 3.3 | 38 |
| 88 | 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. | 3.3 | 38 |
| 89 | 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. | 4.1 | 36 |
| 90 | Selective Oligomerization and [2 + 2 + 2] Cycloaddition of Terminal Alkynes from Simple Actinide Precatalysts. <i>Organometallics</i> , 2015, 34, 4039-4050. | 2.3 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Uranium rhodium bonding in heterometallic complexes. Dalton Transactions, 2017, 46, 5540-5545. | 3.3 | 36 |
| 92 | Computational Density Functional Study of Polypyrrrolic Macrocycles: Analysis of Actinyl-Oxo to 3d Transition Metal Bonding. Inorganic Chemistry, 2008, 47, 11583-11592. | 4.0 | 35 |
| 93 | Tuning the catalytic properties of rare earth borohydrides for the polymerisation of isoprene. Dalton Transactions, 2013, 42, 790-801. | 3.3 | 35 |
| 94 | Uranium(III) Coordination Chemistry and Oxidation in a Flexible Small-Cavity Macrocycle. Organometallics, 2015, 34, 2114-2117. | 2.3 | 35 |
| 95 | Magnesium amido N-heterocyclic carbene complexes. Dalton Transactions, 2008, , 3739. | 3.3 | 34 |
| 96 | Constructing cerium supramolecular wheels and encapsulating uranium with a Schiff-base calixpyrrole ligand. Chemical Communications, 2010, 46, 1833-1835. | 4.1 | 34 |
| 97 | Axially Symmetric U ^{IV} O ²⁺ Ln ^{III} and U ^{IV} O ²⁺ U ^{IV} Containing Molecules from the Control of Uranyl Reduction with Simple f-Block Halides. Angewandte Chemie - International Edition, 2017, 56, 10775-10779. | 13.8 | 32 |
| 98 | Synthesis of Permethylindenyl Complexes of the Early Transition Metals. Crystal Structures of Ti(η -5-C ₉ Me ₇)Cl ₃ and Zr(η -5-C ₉ Me ₇) ₂ Cl ₂ . Organometallics, 1994, 13, 4689-4694. | 2.3 | 31 |
| 99 | Waste not, want not: CO ₂ (re)cycling into block polymers. Chemical Communications, 2019, 55, 7315-7318. | 4.1 | 31 |
| 100 | Probing the Reactivity of the Ce=O Multiple Bond in a Cerium(IV) Oxo Complex. Inorganic Chemistry, 2016, 55, 10003-10012. | 4.0 | 30 |
| 101 | Controlling uranyl oxo group interactions to group 14 elements using polypyrrrolic Schiff-base macrocyclic ligands. Dalton Transactions, 2016, 45, 15902-15909. | 3.3 | 29 |
| 102 | Double uranium oxo cations derived from uranyl by borane or silane reduction. Chemical Communications, 2018, 54, 3839-3842. | 4.1 | 29 |
| 103 | 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. Chemical Science, 2019, 10, 9740-9751. | 7.4 | 29 |
| 104 | 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). Physical Chemistry Chemical Physics, 2020, 22, 16804-16812. | 2.8 | 29 |
| 105 | Co-linear, double-uranyl coordination by an expanded Schiff-base polypyrrrole macrocycle. Dalton Transactions, 2012, 41, 6595. | 3.3 | 28 |
| 106 | Ultrarapid Cerium(III)-NHC Catalysts for High Molar Mass Cyclic Polylactide. ACS Catalysis, 2021, 11, 1563-1569. | 11.2 | 28 |
| 107 | Group 4 Complexes of Chelating Dianionic [OSO] Binaphtholate Ligands; Synthesis and Alkene Polymerisation Catalysis. European Journal of Inorganic Chemistry, 2004, 2004, 3724. | 2.0 | 27 |
| 108 | Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium borohydride complexes. Chemical Science, 2017, 8, 3609-3617. | 7.4 | 27 |

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|-----|--|-----|-----------|
| 109 | Computational analysis of M=O covalency in M(OC ₆ H ₅) ₄ (M = Ti, Zr, Hf, Th, U). <i>Journal of the American Chemical Society</i> , 2011, 133, 10784-10791. | 3.3 | 26 |
| 110 | Controlled Photocatalytic Hydrocarbon Oxidation by Uranyl Complexes. <i>ChemCatChem</i> , 2019, 11, 3786-3790. | 3.7 | 26 |
| 111 | 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. | 3.3 | 25 |
| 112 | Uranium(IV) amido-borohydrides as highly active diene polymerisation catalysts. <i>Dalton Transactions</i> , 2013, 42, 9033. | 3.3 | 25 |
| 113 | A functional model for lanthanide doped silicate materials: synthesis of an apically substituted samarium silsesquioxane complex. <i>Dalton Transactions RSC</i> , 2001, , 488-491. | 2.3 | 24 |
| 114 | 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. | 3.3 | 24 |
| 115 | Arene-ligated heteroleptic terphenolate complexes of thorium. <i>Dalton Transactions</i> , 2014, 43, 17416-17421. | 3.3 | 24 |
| 116 | Thorium(IV) and Uranium(IV) <i>trans</i> -Calix[2]benzene[2]pyrrolide Alkyl and Alkynyl Complexes: Synthesis, Reactivity, and Electronic Structure. <i>Organometallics</i> , 2017, 36, 4669-4681. | 2.3 | 24 |
| 117 | Sterically demanding bi- and tridentate alkoxy-N-heterocyclic carbenes. <i>Inorganica Chimica Acta</i> , 2007, 360, 190-196. | 2.4 | 20 |
| 118 | Destruction of chemical warfare agent simulants by air and moisture stable metal NHC complexes. <i>Dalton Transactions</i> , 2018, 47, 2568-2574. | 3.3 | 20 |
| 119 | Macrocyclic Platforms for the Construction of Tetranuclear Oxo and Hydroxo Zinc Clusters. <i>Organometallics</i> , 2015, 34, 2608-2613. | 2.3 | 19 |
| 120 | Synthesis and luminescence studies of mono- and C ₃ -symmetric, tris(ligand) complexes of Sm(III), Y(III) and Eu(III) with sulfur-bridged binaphtholate ligands. <i>Dalton Transactions</i> , 2004, , 3748. | 3.3 | 18 |
| 121 | Equatorial ligand substitution by hydroxide in uranyl Pacman complexes of a Schiff-base pyrrole macrocycle. <i>Dalton Transactions</i> , 2010, 39, 3501. | 3.3 | 17 |
| 122 | Lanthanide/actinide differentiation with sterically encumbered N-heterocyclic carbene ligands. <i>Dalton Transactions</i> , 2010, 39, 6808. | 3.3 | 17 |
| 123 | Bis(<i>η</i> -heteroarene) titanium complexes derived from 2,4,6-tri- <i>tert</i> -butylpyridine and 2,4,6-tri- <i>tert</i> -butylphosphorin: Conformational preference in solution and redox activity. <i>Journal of Organometallic Chemistry</i> , 1997, 528, 77-81. | 1.8 | 16 |
| 124 | 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/ . <i>Chemical Communications</i> , 2003, , 2588. | 4.1 | 15 |
| 125 | Relativistic DFT and experimental studies of mono- and bis-actinyl complexes of an expanded Schiff-base polypyrrole macrocycle. <i>Dalton Transactions</i> , 2016, 45, 15910-15921. | 3.3 | 15 |
| 126 | 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. | 2.0 | 15 |

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|-----|--|------|-----------|
| 127 | Sulfur-bridged phenoxide and naphthyloxy-based ligands for lanthanide chemistry and catalysis. <i>Journal of Solid State Chemistry</i> , 2003, 171, 90-100. | 2.9 | 14 |
| 128 | Now U=C it. <i>Nature Chemistry</i> , 2009, 1, 29-30. | 13.6 | 13 |
| 129 | Uranyl steps in the ring. <i>Nature Chemistry</i> , 2012, 4, 967-969. | 13.6 | 13 |
| 130 | Enantioselective N-heterocyclic carbene catalyzed formal [3+2] cycloaddition using β -aryloxyaldehydes and oxaziridines. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 125-134. | 1.8 | 13 |
| 131 | Ring opening polymerisation of lactide with uranium(IV) and cerium(IV) phosphinoaryloxy complexes. <i>Dalton Transactions</i> , 2017, 46, 10786-10790. | 3.3 | 11 |
| 132 | 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. | 7.4 | 11 |
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