

# William Lewis

## List of Publications by Year in descending order

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286  
papers

12,380  
citations

25423

59  
h-index

42259

96  
g-index

333  
all docs

333  
docs citations

333  
times ranked

11843  
citing authors

#	ARTICLE	IF	CITATIONS
1	A partially interpenetrated metal-organic framework for selective hysteretic sorption of carbon dioxide. <i>Nature Materials</i> , 2012, 11, 710-716.	13.3	430
2	Exceptional Thermal Stability in a Supramolecular Organic Framework: Porosity and Gas Storage. <i>Journal of the American Chemical Society</i> , 2010, 132, 14457-14469.	6.6	369
3	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	6.0	305
4	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. <i>Chemical Science</i> , 2016, 7, 155-165.	3.7	300
5	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	6.6	299
6	A Robust Binary Supramolecular Organic Framework (SOF) with High CO <sub>2</sub> Adsorption and Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 12828-12831.	6.6	287
7	Metal-Organic Polyhedral Frameworks: High H <sub>2</sub> Adsorption Capacities and Neutron Powder Diffraction Studies. <i>Journal of the American Chemical Society</i> , 2010, 132, 4092-4094.	6.6	281
8	Isolation and characterization of a uranium(VI)-nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	6.6	252
9	High capacity gas storage by a 4,8-connected metal-organic polyhedral framework. <i>Chemical Communications</i> , 2011, 47, 4487.	2.2	220
10	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. <i>Advanced Materials</i> , 2016, 28, 8705-8711.	11.1	214
11	Catalytic Phosphorus(V)-Mediated Nucleophilic Substitution Reactions: Development of a Catalytic Appel Reaction. <i>Journal of Organic Chemistry</i> , 2011, 76, 6749-6767.	1.7	169
12	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R <sub>2</sub> C=U <sup>2+</sup> ] <sup>2+</sup> Analogue of the [O=U <sup>2+</sup> ] <sup>2+</sup> Uranyl Ion (R = Ph <sub>2</sub> PNSiMe <sub>3</sub> ), and Comparison of the Nature of U <sup>IV</sup> =C, U <sup>V</sup> =C, and U <sup>VI</sup> =C Double Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 10047-10054.	6.6	163
13	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9265-9270.	3.3	151
14	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4921-4924.	7.2	133
15	Uranium-Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene [U{C(PPh <sub>2</sub> ) <sub>2</sub> NSiMe <sub>3</sub> ] <sub>2</sub> (Cl) <sub>2</sub> (I)] and Comparison of U <sup>V</sup> =C and U <sup>IV</sup> =C Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2383-2386.	7.2	132
16	A Formal High Oxidation State Inverse-Sandwich Diuranium Complex: A New Route to Block-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10388-10392.	7.2	132
17	A mesoporous metal-organic framework constructed from a nanosized C <sub>3</sub> -symmetric linker and [Cu <sub>24</sub> (isophthalate) <sub>24</sub> ] cuboctahedra. <i>Chemical Communications</i> , 2011, 47, 9995.	2.2	130
18	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphenidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	7.2	130

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19	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	5.8	128
20	Synthesis, Structure, and Magnetic Properties of an Antiferromagnetic Spin-Ladder Complex: $\hat{A}$ Bis(2,3-dimethylpyridinium) Tetrabromocuprate. <i>Journal of the American Chemical Society</i> , 2007, 129, 952-959.	6.6	121
21	Synthesis and Characterization of an f-Block Terminal Parent Imido $[U\hat{\bullet}NH]$ Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	6.6	121
22	Rhodium Carbene Routes to Oxazoles and Thiazoles. Catalyst Effects in the Synthesis of Oxazole and Thiazole Carboxylates, Phosphonates, and Sulfones. <i>Journal of Organic Chemistry</i> , 2010, 75, 152-161.	1.7	119
23	Analysis of High and Selective Uptake of $CO_2$ in an Oxamide-Containing $\{Cu_2(OOCR)_4\}$ -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324.	1.7	119
24	Dynamic Equilibria in Solvent-Mediated Anion, Cation and Ligand Exchange in Transition-Metal Coordination Polymers: Solid-State Transfer or Recrystallisation?. <i>Chemistry - A European Journal</i> , 2009, 15, 8861-8873.	1.7	118
25	Selective $CO_2$ uptake and inverse $CO_2/C_2H_2$ selectivity in a dynamic bifunctional metal-organic framework. <i>Chemical Science</i> , 2012, 3, 2993.	3.7	117
26	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold $U\hat{\bullet}As$ bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	6.6	114
27	Regioselective $C\hat{\sim}H$ Activation and Sequential $C\hat{\sim}C$ and $C\hat{\sim}O$ Bond Formation Reactions of Aryl Ketones Promoted by an Yttrium Carbene. <i>Journal of the American Chemical Society</i> , 2010, 132, 14379-14381.	6.6	108
28	Non-Interpenetrated Metal-Organic Frameworks Based on Copper(II) Paddlewheel and Oligoparaxylene-Isophthalate Linkers: Synthesis, Structure, and Gas Adsorption. <i>Journal of the American Chemical Society</i> , 2016, 138, 3371-3381.	6.6	104
29	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6696-6700.	7.2	103
30	Lanthanide tri-benzyl complexes: structural variations and useful precursors to phosphorus-stabilised lanthanide carbenes. <i>Dalton Transactions</i> , 2010, 39, 500-510.	1.6	100
31	The Nature of the $U\hat{\sim}C$ Double Bond: Pushing the Stability of High-Oxidation-State Uranium Carbenes to the Limit. <i>Chemistry - A European Journal</i> , 2013, 19, 7071-7083.	1.7	99
32	The role of 5f-orbital participation in unexpected inversion of the $\hat{f}$ -bond metathesis reactivity trend of triamidoamine thorium( $\langle scp \rangle iv \langle /scp \rangle$ ) and uranium( $\langle scp \rangle iv \langle /scp \rangle$ ) alkyls. <i>Chemical Science</i> , 2014, 5, 2489-2497.	3.7	94
33	A Cerium(IV)-Carbon Multiple Bond. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13016-13019.	7.2	91
34	Two-Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10412-10415.	7.2	91
35	Emergence of comparable covalency in isostructural cerium( $\langle scp \rangle iv \langle /scp \rangle$ ) and uranium( $\langle scp \rangle iv \langle /scp \rangle$ ) carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	3.7	90
36	Synthesis and structure of $\{[N(CH_2CH_2NSiMe_3)_3]URe(\hat{f}-C_5H_5)_2\}$ : a heterobimetallic complex with an unsupported uranium-rhenium bond. <i>Chemical Communications</i> , 2009, , 2851.	2.2	89

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37	Stereoselective Synthesis of Highly Substituted Tetrahydrofurans through Diverted Carbene O <sub>2</sub> H Insertion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8485-8489.	7.2	86
38	Synthesis and structure of [U{C(PPh <sub>2</sub> NMe <sub>2</sub> ) <sub>2</sub> } <sub>2</sub> ] (Mes = 2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ): A homoleptic uranium bis(carbene) complex with two formal U=C double bonds. <i>Dalton Transactions</i> , 2010, 39, 5074.	1.6	85
39	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016, 7, 13773.	5.8	82
40	A New Generation of Smart Amine Donors for Transaminase-Mediated Biotransformations. <i>Chemistry - A European Journal</i> , 2016, 22, 12692-12695.	1.7	80
41	Synthesis of 19-substituted geldanamycins with altered conformations and their binding to heat shock protein Hsp90. <i>Nature Chemistry</i> , 2013, 5, 307-314.	6.6	78
42	Synthesis, Characterization, and in Vitro Anticancer Activity of Copper and Zinc Bis(Thiosemicarbazone) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 13709-13723.	1.9	78
43	Modifying Cage Structures in Metal-Organic Polyhedral Frameworks for H <sub>2</sub> Storage. <i>Chemistry - A European Journal</i> , 2011, 17, 11162-11170.	1.7	73
44	Tailoring porosity and rotational dynamics in a series of octacarboxylate metal-organic frameworks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3056-3061.	3.3	73
45	An Unsupported Uranium-Rhenium Complex Prepared by Alkane Elimination. <i>Chemistry - A European Journal</i> , 2011, 17, 6909-6912.	1.7	72
46	Enhancement of CO <sub>2</sub> Adsorption and Catalytic Properties by Fe-Doping of [Ga <sub>2</sub> (OH) <sub>2</sub> (L)] (H <sub>4</sub> L = Biphenyl-3,3',5,5'-tetracarboxylic Acid), MFM-300(Ga <sub>2</sub> ). <i>Inorganic Chemistry</i> , 2016, 55, 1076-1088.	1.9	70
47	Cubane-like tetranuclear Cu complexes bearing a Cu <sub>4</sub> O <sub>4</sub> core: crystal structure, magnetic properties, DFT calculations and phenoxazinone synthase like activity. <i>Dalton Transactions</i> , 2017, 46, 1249-1259.	1.6	69
48	Hirshfeld Surface Investigation of Structure-Directing Interactions within Dipicolinic Acid Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 1697-1706.	1.4	68
49	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )(THF)] (BIPM =) Tj ETQq1 1 0.784314 rgBT/Overlo 1.6 67	1.6	67
50	A Novel Bismuth-Based Metal-Organic Framework for High Volumetric Methane and Carbon Dioxide Adsorption. <i>Chemistry - A European Journal</i> , 2014, 20, 8024-8029.	1.7	67
51	The Nature of Unsupported Uranium-Ruthenium Bonds: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2011, 17, 11266-11273.	1.7	65
52	Enantioselective Synthesis of Chiral Cyclopentanones by Nickel-Catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9122-9125.	7.2	65
53	Heteroleptic [M(CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> (H <sub>5</sub> C <sub>5</sub> ) <sub>2</sub> ](I)(THF) <sub>3</sub> Complexes (M = Y or Er): Remarkably Stable Precursors to Yttrium and Erbium T-Shaped Carbenes. <i>Organometallics</i> , 2009, 28, 6771-6776.	1.1	64
54	Structural and theoretical insights into the perturbation of uranium-rhenium bonds by dative Lewis base ancillary ligands. <i>Chemical Communications</i> , 2011, 47, 295-297.	2.2	64

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55	Modular bismacrocycles for the selective C-H arylation of phenols and naphthols. <i>Nature Chemistry</i> , 2020, 12, 260-269.	6.6	64
56	An Actinide Zintl Cluster: A Tris(triamidouranium) $\text{U}_3\text{As}_2\text{I}_2$ Heptaphosphanortricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13334-13337.	7.2	63
57	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel <i>E/Z</i> Isomerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8216-8220.	7.2	63
58	A Crystallizable Dinuclear Tuck-In-Tuck-Over Tuck-Over Dialkyl Tren Uranium Complex and Double Dearylation of BPh <sub>4</sub> <sup>-</sup> To Give the BPh <sub>2</sub> -Functionalized Metallocycle $[\text{U}\{\text{N}(\text{CH}_2)_2\text{CH}_2\text{NSiMe}_3\}_2(\text{CH}_2)_2\text{CH}_2\text{NSiMe}_2]$ . <i>Journal of the American Chemical Society</i> , 2009, 131, 10388-10389.	6.6	61
59	High-Nuclearity Metal-Organic Nanospheres: A Cd <sub>66</sub> Ball. <i>Journal of the American Chemical Society</i> , 2012, 134, 55-58.	6.6	61
60	Stereoselective Synthesis of Functionalized Pyrrolidines by the Diverted N-H Insertion Reaction of Metallocarbenes with $\beta$ -Aminoketone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3749-3753.	7.2	61
61	A Monomeric Dilithio Methandiide with a Distorted <i>trans</i> -Planar Four-Coordinate Carbon. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5570-5573.	7.2	59
62	Synthesis of the Oxepinochromone Natural Products Ptaeroxylin (Desoxykarenin), Ptaeroxylinol, and Eranthin. <i>Journal of Organic Chemistry</i> , 2010, 75, 353-358.	1.7	59
63	A New Route to $\pm$ -Carbolines Based on 6 $\pi$ -Electrocyclization of Indole-3-alkenyl Oximes. <i>Organic Letters</i> , 2013, 15, 6306-6308.	2.4	59
64	Synthesis of natural-product-like scaffolds in unprecedented efficiency via a 12-fold branching pathway. <i>Chemical Science</i> , 2011, 2, 2232.	3.7	58
65	Diverse Trifluoromethyl Heterocycles from a Single Precursor. <i>Journal of Organic Chemistry</i> , 2012, 77, 1396-1405.	1.7	56
66	Biomimetic Synthesis and Structural Reassignment of the Tridachiahydropyrones. <i>Journal of the American Chemical Society</i> , 2009, 131, 5966-5972.	6.6	55
67	Phosphonium salt-catalysed synthesis of nitriles from in situ activated oximes. <i>Tetrahedron</i> , 2012, 68, 2899-2905.	1.0	53
68	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenyl $\alpha$ -Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16352-16356.	7.2	53
69	An Inverted Sandwich Diuranium $\text{U}_4\text{C}_5$ Cyclopent-5-ene Complex Supported by $\text{U}_5$ Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	7.2	52
70	A Concise Route to Pyridines from Hydrazides by Metal Carbene N-H Insertion, 1,2,4-Triazine Formation, and Diels-Alder Reaction. <i>Organic Letters</i> , 2009, 11, 3686-3688.	2.4	51
71	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. <i>Organometallics</i> , 2010, 29, 2315-2321.	1.1	51
72	Development of a Gold-Multifaceted Catalysis Approach to the Synthesis of Highly Substituted Pyrroles: Mechanistic Insights via Huisgen Cycloaddition Studies. <i>Journal of Organic Chemistry</i> , 2013, 78, 920-934.	1.7	51

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73	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. <i>Nature Communications</i> , 2013, 4, 2323.	5.8	50
74	Isolation of Elusive HASAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	7.2	50
75	A triamido-uranium(v) inverse-sandwich 10 <sup>-</sup> -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	1.6	49
76	Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. <i>Crystal Growth and Design</i> , 2018, 18, 2555-2562.	1.4	49
77	Enantioselective Conjugate Addition Nitro-Mannich Reactions: Solvent Controlled Synthesis of Acyclic <i>anti</i> - and <i>syn</i> - $\beta$ -Nitroamines with Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2011, 76, 1961-1971.	1.7	48
78	Host-guest selectivity in a series of isorecticular metal-organic frameworks: observation of acetylene-to-alkyne and carbon dioxide-to-amide interactions. <i>Chemical Science</i> , 2019, 10, 1098-1106.	3.7	47
79	Reversible single crystal-to-single crystal double [2+2] cycloaddition induces multifunctional photo-mechano-electrochemical properties in framework materials. <i>Nature Communications</i> , 2020, 11, 2808.	5.8	46
80	Asymmetric Synthesis of Trisubstituted Aziridines via Aza-Darzens Reaction of Chiral Sulfinimines. <i>Organic Letters</i> , 2014, 16, 6290-6293.	2.4	45
81	Photochemically Promoted Bond Cleavage and Capture in a Diazomethane Derivative of a Triamidoamine Uranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10440-10443.	7.2	44
82	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 14828-14831.	6.6	44
83	Sulfonylative and Azidosulfonylative Cyclizations by Visible-Light Photosensitization of Sulfonyl Azides in THF. <i>Chemistry - A European Journal</i> , 2017, 23, 17598-17604.	1.7	44
84	Reactivity of the Yttrium Alkyl Carbene Complex [Y(BIPM)(CH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )(THF)] (BIPM = Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1.1 Td (C(PPh <sub>3</sub> ) <sub>3</sub> Substitutions, and Additions to Nontypical Transformations. <i>Organometallics</i> , 2013, 32, 1251-1264.	1.1	43
85	Uranium(III)-carbon multiple bonding supported by arene $\pi$ -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	5.8	43
86	Alkaloid inspired spirocyclic oxindoles from 1,3-dipolar cycloaddition of pyridinium ylides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6502.	1.5	41
87	Synthesis and Intracellular Redox Cycling of Natural Quinones and Their Analogues and Identification of Indoleamine 2,3-dioxygenase (IDO) as Potential Target for Anticancer Activity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8740-8745.	7.2	40
88	Five Coordinate M(II)-Diphenolate [M = Zn(II), Ni(II), and Cu(II)] Schiff Base Complexes Exhibiting Metal- and Ligand-Based Redox Chemistry. <i>Inorganic Chemistry</i> , 2013, 52, 660-670.	1.9	39
89	Thymine functionalised porphyrins, synthesis and heteromolecular surface-based self-assembly. <i>Chemical Science</i> , 2015, 6, 1562-1569.	3.7	39
90	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Well-Defined Cleavage and Redox Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2950-2959.	1.7	38

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91	Arylative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl- $\rho$ -Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7227-7232.	7.2	38
92	Combining continuous flow oscillatory baffled reactors and microwave heating: Process intensification and accelerated synthesis of metal-organic frameworks. <i>Chemical Engineering Journal</i> , 2019, 356, 170-177.	6.6	38
93	Halide, Amide, Cationic, Manganese Carbonylate, and Oxide Derivatives of Triamidosilylamine Uranium Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9631-9641.	1.9	37
94	Synthesis and characterisation of BODIPY radical anions. <i>Chemical Communications</i> , 2012, 48, 1751.	2.2	37
95	Phosphorus(V)-catalyzed deoxydichlorination reactions of Aldehydes. <i>Tetrahedron</i> , 2013, 69, 8769-8776.	1.0	37
96	Sulfonimidates: Useful Synthetic Intermediates for Sulfoximine Synthesis via C-S Bond Formation. <i>Organic Letters</i> , 2018, 20, 3674-3677.	2.4	37
97	Asymmetric conjugate additions to 1,1-diaactivated cyclic enones—a comparative study. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1881-1891.	1.8	36
98	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinide-Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9356-9359.	7.2	36
99	Confined water in imidazolium based ionic liquids: a supramolecular guest@host complex case. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18297-18304.	1.3	36
100	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. <i>Nature Communications</i> , 2018, 9, 3757.	5.8	36
101	Reactivity Studies of a T-Shaped Yttrium Carbene: C-F and C-O Bond Activation and C-C Bond Formation Promoted by [Y(BIPM)(I)(THF) <sub>2</sub> ] (BIPM = C(PPh <sub>2</sub> NSiMe <sub>3</sub> ) <sub>2</sub> ). <i>Organometallics</i> , 2013, 32, 1239-1250.	1.1	35
102	Photophysics and electrochemistry of a platinum-acetylide disubstituted perylene diimide. <i>Dalton Transactions</i> , 2014, 43, 85-94.	1.6	35
103	Reactivity of the uranium(IV) carbene complex [U(BIPM-TMS)(Cl)( $\eta^1$ -Cl) <sub>2</sub> Li(THF) <sub>2</sub> ] (BIPM-TMS = Tj ETQq1 1 0.784314 rgBT /Overlo substrates: metallo-Wittig, adduct formation, C-F bond activation, and [2 + 2]-cycloaddition reactions. <i>Dalton Transactions</i> , 2014, 43, 14275-14282.	1.6	35
104	Cyclotrimerisation of isocyanates catalysed by low-coordinate Mn(II) and Fe(II) m-terphenyl complexes. <i>Chemical Communications</i> , 2017, 53, 937-940.	2.2	35
105	Stereoselective aza-Darzens reactions of tert-butanedisulfinimines: convenient access to chiral aziridines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5034.	1.5	34
106	Cycloaddition of Chiral tert-Butanesulfinimines with Trimethylenemethane. <i>Organic Letters</i> , 2013, 15, 2030-2033.	2.4	34
107	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4845-4848.	7.2	34
108	Uranium Metallacyclopentadienes with Carbene Imido R <sub>2</sub> C=U=NR <sub>2</sub> Units (R=Ph <sub>2</sub> PNSiMe <sub>3</sub> ; R <sub>2</sub> =CPh <sub>3</sub> ): Alkali-Metal-Mediated Push-Pull Effects with an Amido Auxiliary. <i>Chemistry - A European Journal</i> , 2016, 22, 11554-11558.	1.7	33

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109	Sigmatropic Rearrangement of Vinyl Aziridines: Expedient Synthesis of Cyclic Sulfoximines from Chiral Sulfinimines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10047-10051.	7.2	32
110	Enantioselective nickel-catalyzed arylation intramolecular 1,4-allylations. <i>Chemical Communications</i> , 2018, 54, 5622-5625.	2.2	32
111	General Method for the Asymmetric Synthesis of N-H Sulfoximines via C-S Bond Formation. <i>Organic Letters</i> , 2020, 22, 2776-2780.	2.4	32
112	Versatile C(sp <sup>2</sup> )-C(sp <sup>3</sup> ) Ligand Couplings of Sulfoxides for the Enantioselective Synthesis of Diarylalkanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10013-10016.	7.2	30
113	Thionated naphthalene diimides: tuneable chromophores for applications in photoactive dyads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 752-764.	1.3	30
114	1,4-Addition of TMS-Cl to Nitroalkenes: Efficient Reaction Conditions and Mechanistic Understanding. <i>Chemistry - A European Journal</i> , 2014, 20, 7718-7724.	1.7	29
115	Bridgehead enolates and bridgehead alkenes in a welwistatin model series. <i>Chemical Communications</i> , 2009, , 1398.	2.2	28
116	A Perylene Diimide Rotaxane: Synthesis, Structure and Electrochemically Driven De-threading. <i>Chemistry - A European Journal</i> , 2011, 17, 14746-14751.	1.7	28
117	Synthesis and characterisation of magnesium complexes containing sterically demanding N,N-bis(aryl)amidinate ligands. <i>Dalton Transactions</i> , 2014, 43, 4838-4846.	1.6	28
118	Stimuli-Responsive Cycloaurated OFF-ON-Switchable Anion Transporters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17614-17621.	7.2	28
119	Synthesis of Amino-1,4-benzoquinones and Their Use in Diels-Alder Approaches to the Aminonaphthoquinone Antibiotics. <i>Journal of Organic Chemistry</i> , 2011, 76, 7872-7881.	1.7	27
120	Targeting the Hsp90 Molecular Chaperone with Novel Macrolactams. Synthesis, Structural, Binding, and Cellular Studies. <i>ACS Chemical Biology</i> , 2011, 6, 1339-1347.	1.6	27
121	Highly diastereoselective radical cyclisations of chiral sulfinimines. <i>Chemical Communications</i> , 2013, 49, 9395.	2.2	27
122	β-Diketiminato Derivatives of Alkali Metals and Uranium. <i>Organometallics</i> , 2013, 32, 5058-5070.	1.1	27
123	Fused imidazoles as potential chemical scaffolds for inhibition of heat shock protein 70 and induction of apoptosis. Synthesis and biological evaluation of phenanthro[9,10-d]imidazoles and imidazo[4,5-f][1,10]phenanthrolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3889-3905.	1.5	27
124	Solid state supramolecular structure of diketopyrrolopyrrole chromophores: correlating stacking geometry with visible light absorption. <i>CrystEngComm</i> , 2016, 18, 8933-8943.	1.3	27
125	Accessing low-oxidation state taxanes: is taxadiene-4(5)-epoxide on the taxol biosynthetic pathway?. <i>Chemical Science</i> , 2016, 7, 3102-3107.	3.7	27
126	Synthesis of multisubstituted pyrroles by nickel-catalyzed arylation cyclizations of N-tosyl alkynamides. <i>Chemical Communications</i> , 2018, 54, 11769-11772.	2.2	27



#	ARTICLE	IF	CITATIONS
127	Solar photochemistry: optimisation of the photo Friedel-Crafts acylation of naphthoquinones. <i>Green Chemistry</i> , 2013, 15, 2830.	4.6	26
128	A Ni( $\sigma$ -allyl)Fe( $\pi$ -allyl) analogue of the Ni-L state of the active site of the [NiFe] hydrogenases. <i>Chemical Communications</i> , 2015, 51, 16988-16991.	2.2	25
129	C-H Insertion as a Key Step to Spirooxetanes, Scaffolds for Drug Discovery. <i>Chemistry - A European Journal</i> , 2017, 23, 13623-13627.	1.7	25
130	Combining two-directional synthesis and tandem reactions: new access to 3,5-disubstituted pyrrolizidines and first total synthesis of alkaloid cis-223B. <i>Chemical Communications</i> , 2009, , 2207.	2.2	24
131	Uranium(IV) amide and halide derivatives of two tripodal tris(N-arylamido-dimethylsilyl)methanes. <i>Dalton Transactions</i> , 2010, 39, 6638.	1.6	24
132	Thionated perylene diimides with intense absorbance in the near-IR. <i>Chemical Communications</i> , 2016, 52, 2099-2102.	2.2	24
133	A concise synthesis of honokiol. <i>Tetrahedron</i> , 2010, 66, 8029-8035.	1.0	23
134	Group 1 Bis(iminophosphorano)methanides, Part 1: $N$ -Alkyl and Silyl Derivatives of the Sterically Demanding Methanes $H_2C(PPh_2)_2C(PPh_2)_2$ (R = Adamantyl and Tj) <i>Organometallics</i> , 2011, 30, 1071-1074.	1.1	23
135	Synthesis of the reported structure of crassiflorone, a naturally occurring quinone isolated from the African ebony <i>Diospyros crassiflora</i> , and regioisomeric pentacyclic furocoumarin naphthoquinones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3484.	1.5	23
136	Alkali-metal mediated reactivity of a diaminobromoborane: mono- and bis-borylation of naphthalene versus boryl lithium or hydroborane formation. <i>Chemical Communications</i> , 2012, 48, 5769.	2.2	23
137	Low-coordinate cobalt(II) terphenyl complexes: precursors to sterically encumbered ketones. <i>Chemical Communications</i> , 2012, 48, 8910.	2.2	23
138	Alkaline Earth Complexes of Silylated Aminopyridinato Ligands: Homoleptic Compounds and Heterobimetallic Coordination Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 12429-12439.	1.9	23
139	Alkaline Earth Complexes of a Sterically Demanding Guanidinate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5892-5902.	1.0	23
140	Thorium Triamidoamine Complexes: Synthesis of an Unusual Dinuclear Thorium-Tuck-over Thorium Metallacycle Featuring the Longest Known Thorium- $\sigma$ -Alkyl Bond. <i>Organometallics</i> , 2015, 34, 2386-2394.	1.1	23
141	Inhibition of Hsp90 with Resorcylic Acid Macrolactones: Synthesis and Binding Studies. <i>Chemistry - A European Journal</i> , 2010, 16, 10366-10372.	1.7	22
142	Group 1 Bis(iminophosphorano)methanides, Part 2: $N$ -Aryl Derivatives of the Sterically Demanding Methanes $H_2C(PPh_2)_2C(PPh_2)_2$ (R = 2,4,6-trimethylphenyl or 2,6-diisopropylphenyl). <i>Organometallics</i> , 2011, 30, 5326-5337.	1.1	22
143	Short Synthesis of Chiral 4-Substituted $\delta$ -imidazolium Salts Bearing Sulfonates and Their Use in $\alpha$ -Selective Reactions of Allylic Halides with Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 699-707.	1.2	22
144	Facile access to a heterocyclic, $sp^3$ -rich chemical scaffold via a tandem condensation/intramolecular nitroene-alkene [3+2] cycloaddition strategy. <i>Chemical Communications</i> , 2015, 51, 12867-12870.	2.2	22

#	ARTICLE	IF	CITATIONS
145	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel Isomerization. <i>Angewandte Chemie</i> , 2017, 129, 8328-8332.	1.6	22
146	Restricting shuttling in bis(imidazolium)-pillar[5]arene rotaxanes using metal coordination. <i>Dalton Transactions</i> , 2019, 48, 58-64.	1.6	22
147	Developing a sustainable route to environmentally relevant metal-organic frameworks: ultra-rapid synthesis of MFM-300(Al) using microwave heating. <i>Green Chemistry</i> , 2019, 21, 5039-5045.	4.6	21
148	Combining two-directional synthesis and tandem reactions: a short formal synthesis of halichlorine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 67-69.	1.5	20
149	An Inverted Sandwich Diuranium $\text{U}^{\text{IV}}\text{U}^{\text{IV}}\text{CycloP}_5$ Complex Supported by $\text{U}^{\text{IV}}\text{P}_5$ Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	1.6	19
150	Conformationally adaptable macrocyclic receptors for ditopic anions: analysis of chelate cooperativity in aqueous containing media. <i>Chemical Science</i> , 2020, 11, 7015-7022.	3.7	19
151	Synthesis of Balsaminone A, a Naturally Occurring Pentacyclic Dinaphthofuran Quinone. <i>Journal of Organic Chemistry</i> , 2011, 76, 8082-8087.	1.7	18
152	Synthesis and Characterisation of Lanthanide N-Trimethylsilyl and -Mesityl Functionalised Bis(iminophosphorano)methanides and -Methanediides. <i>Inorganics</i> , 2013, 1, 46-69.	1.2	18
153	Synthesis of toxyloxanthone B. <i>Tetrahedron</i> , 2014, 70, 1283-1288.	1.0	18
154	Dehydrogenation of dimethylamine-borane mediated by Group 1 pincer complexes. <i>Chemical Communications</i> , 2018, 54, 1825-1828.	2.2	18
155	Chiral Heterocyclic Ligands. XI. Self-assembly and X-ray Crystal Structures of Chiral Silver Coordination Polymers of (S)-( $\beta^{\text{C}}\text{H}$ )-Nicotine. <i>Supramolecular Chemistry</i> , 2005, 17, 579-584.	1.5	17
156	Alkali metal derivatives of an ortho-phenylene diamine. <i>Dalton Transactions</i> , 2014, 43, 4351-4360.	1.6	17
157	Nucleophilic addition of $\text{TMSCCl}_3$ to N-phosphinoyl benzaldimines: a route to N-phosphinoyl- $\beta$ -(trichloromethyl)benzylamines. <i>Tetrahedron Letters</i> , 2014, 55, 5829-5831.	0.7	17
158	Combining two-directional synthesis and tandem reactions. Part 21: Exploitation of a dimeric macrocycle for chain terminus differentiation and synthesis of an $\text{sp}^3$ -rich library. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2621-2628.	1.4	17
159	Total Synthesis of the Post-translationally Modified Polyazole Peptide Antibiotic Goadsporin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3069-3073.	7.2	17
160	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenyl- $\beta$ -Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie</i> , 2017, 129, 16570-16574.	1.6	17
161	Rhodium-catalyzed arylyative cyclization of alkynyl malonates by 1,4-rhodium( $\beta$ ) migration. <i>Chemical Communications</i> , 2019, 55, 11366-11369.	2.2	17
162	A Highly Active Bidentate Magnesium Catalyst for Amine-Borane Dehydrocoupling: Kinetic and Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 6840-6846.	1.7	17

#	ARTICLE	IF	CITATIONS
163	Supramolecular isomers of metal-organic frameworks: the role of a new mixed donor imidazolate-carboxylate tetradentate ligand. <i>Dalton Transactions</i> , 2012, 41, 4020.	1.6	16
164	Redox Non-innocence of Thioether Crowns: Elucidation of the Electronic Structure of the Mononuclear Pd(III) Complexes [Pd([9]aneS <sub>3</sub> ) <sub>2</sub> ] <sup>3+</sup> and [Pd([18]aneS <sub>6</sub> )] <sup>3+</sup> . <i>Inorganic Chemistry</i> , 2012, 51, 1450-1461.	1.9	16
165	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	1.6	16
166	Exploring the Reactivity of 2-Trichloromethylbenzoxazoles for Access to Substituted Benzoxazoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 12472-12477.	1.7	16
167	Porous Metal-Organic Polyhedra: Morphology, Porosity, and Guest Binding. <i>Inorganic Chemistry</i> , 2020, 59, 15646-15658.	1.9	16
168	Enantioselective nickel-catalyzed arylyative and alkenylative intramolecular 1,2-allylations of tethered allene-ketones. <i>Chemical Science</i> , 2020, 11, 2401-2406.	3.7	16
169	Amido analogues of zirconocenes and cadmocenes. <i>Dalton Transactions</i> , 2011, 40, 1641.	1.6	15
170	Synthesis of Iodopyridone. <i>Tetrahedron</i> , 2013, 69, 8209-8215.	1.0	15
171	Structural Diversity in Alkali Metal Complexes of Sterically Demanding Carbazol-9-yl Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 2678-2683.	1.9	15
172	Total Synthesis of (±)-Distomadines A and B. <i>Organic Letters</i> , 2014, 16, 1064-1067.	2.4	15
173	Synthesis and characterisation of halide, separated ion pair, and hydride cyclopentadienyl iron bis(diphenylphosphino)ethane derivatives. <i>Dalton Transactions</i> , 2015, 44, 14159-14177.	1.6	15
174	Tuning Coordination in Block Carbazol-9-yl Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 6949-6956.	1.7	15
175	Arylyative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl-Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie</i> , 2017, 129, 7333-7338.	1.6	15
176	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 2853-2862.	1.7	14
177	Heterobimetallic [NiFe] Complexes Containing Mixed CO/CN <sup>+</sup> Ligands: Analogs of the Active Site of the [NiFe] Hydrogenases. <i>Inorganic Chemistry</i> , 2018, 57, 2558-2569.	1.9	14
178	Dehydrocoupling of dimethylamine-borane promoted by manganese(II)-terphenyl complexes. <i>Catalysis Science and Technology</i> , 2018, 8, 229-235.	2.1	14
179	Enantioselective Synthesis of Chiral Cyclopent-2-enones by Nickel-Catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie</i> , 2018, 130, 9260-9263.	1.6	14
180	Aryl urea substituted fatty acids: a new class of protonophoric mitochondrial uncoupler that utilises a synthetic anion transporter. <i>Chemical Science</i> , 2020, 11, 12677-12685.	3.7	14

#	ARTICLE	IF	CITATIONS
181	Total Synthesis of (+)-Cymbodiacetal: A Re-evaluation of the Biomimetic Route. <i>Journal of Organic Chemistry</i> , 2010, 75, 8465-8470.	1.7	13
182	Regioselectivity of the Claisen Rearrangement in <i>meta</i> -Allyloxy Aryl Ketones: An Experimental and Computational Study, and Application in the Synthesis of ( <i>R</i> )-Pestalothol...D. <i>Chemistry - A European Journal</i> , 2011, 17, 1972-1978.	1.7	13
183	Asymmetric Pentafulvene Carbometalation Access to Enantiopure Titanocene Dichlorides of Biological Relevance. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14179-14182.	7.2	13
184	Synthesis of malhamensilipin A exploiting iterative epoxidation/chlorination: experimental and computational analysis of epoxide-derived chloronium ions. <i>Chemical Science</i> , 2016, 7, 7040-7049.	3.7	13
185	Switchable Synthesis of <i>Z</i> -Homoallylic Boronates and <i>E</i> -Allylic Boronates by Enantioselective Copper-Catalyzed 1,6-Boration. <i>Chemistry - A European Journal</i> , 2018, 24, 8315-8319.	1.7	13
186	Hydrophosphination of Activated Alkenes by a Cobalt(I) Pincer Complex. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3148-3157.	2.1	13
187	Solid state structure and properties of phenyl diketopyrrolopyrrole derivatives. <i>CrystEngComm</i> , 2021, 23, 1796-1814.	1.3	13
188	2-Trimethylsilylamidopyridine complexes of uranium(IV). <i>Inorganica Chimica Acta</i> , 2012, 380, 167-173.	1.2	12
189	Stereoselective Synthesis of Functionalized Pyrrolidines by the Diverted N-H Insertion Reaction of Metallocarbenes with $\beta$ -Aminoketone Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 3813-3817.	1.6	12
190	Total synthesis of ( <i>S</i> )-aritasone via the ultra-high pressure hetero-Diels-Alder dimerisation of ( <i>S</i> )-pinocarvone. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8523-8528.	1.5	12
191	Nickel metal-organic frameworks with N,N'-di(4-pyridyl)-naphthalenediimide ligands: influence of secondary building unit geometry on dimensionality and framework dimensions. <i>CrystEngComm</i> , 2017, 19, 5558-5564.	1.3	12
192	Rh(I)-Catalyzed Denitrogenative Transformations of 1,2,3-Thiadiazoles: Ligand-Controlled Product Selectivity and the Structure of the Key Organorhodium Intermediate Revealed. <i>ACS Catalysis</i> , 2022, 12, 5574-5584.	5.5	12
193	Bromotetrakis(1H-imidazole- $\eta^3$ )copper(II) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1324-m1326.	0.2	11
194	Thionated Perylene Diimide-Phenothiazine Dyad: Synthesis, Structure, and Electrochemical Studies. <i>ACS Omega</i> , 2018, 3, 14236-14244.	1.6	11
195	Diastereoselective Synthesis of Highly Substituted, Amino- and Pyrrolidino-Tetrahydrofurans as Lead-Like Molecular Scaffolds. <i>Chemistry - A European Journal</i> , 2018, 24, 8233-8239.	1.7	11
196	Reactions of alkali metal and yttrium alkyls with a sterically demanding bis(aryloxysilyl)methane: Formation of aryloxide complexes by Si-O bond cleavage. <i>Comptes Rendus Chimie</i> , 2010, 13, 593-602.	0.2	10
197	A mixed valence manganese triangle in a trigonal lattice: structure and magnetism. <i>Dalton Transactions</i> , 2011, 40, 5891.	1.6	10
198	Ligand influences on homoleptic Group 12 <i>m</i> -terphenyl complexes. <i>Dalton Transactions</i> , 2014, 43, 14257-14264.	1.6	10

#	ARTICLE	IF	CITATIONS
199	One-Pot Cannizzaro Cascade Synthesis of <i>ortho</i> -Fused Cycloocta-2,5-dien-1-ones from 2-Bromo(hetero)aryl Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10648-10651.	7.2	10
200	Control of Assembly of Dihydropyridyl and Pyridyl Molecules via Directed Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2015, 15, 4219-4224.	1.4	10
201	A monomeric, heterobimetallic complex with an unsupported Mg-Fe bond. <i>Inorganica Chimica Acta</i> , 2017, 458, 97-100.	1.2	10
202	Gas adsorption and structural diversity in a family of Cu(II) pyridyl-isophthalate metal-organic framework materials. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160334.	1.6	10
203	Photochemistry of framework-supported M(diimine)(CO) <sub>3</sub> X complexes in three-dimensional lithium carboxylate metal-organic frameworks: monitoring the effect of framework cations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160033.	1.6	10
204	The effect of carboxylate position on the structure of a metal organic framework derived from cyclotrimeratrylene. <i>CrystEngComm</i> , 2017, 19, 603-607.	1.3	10
205	Ground and Excited States of Bis-Methoxybenzyl-Substituted Diketopyrrolopyrroles: Spectroscopic and Electrochemical Studies. <i>ChemPlusChem</i> , 2019, 84, 1413-1422.	1.3	10
206	Multigram Synthesis of Trioxanes Enabled by a Supercritical CO <sub>2</sub> Integrated Flow Process. <i>Organic Process Research and Development</i> , 2021, 25, 1873-1881.	1.3	10
207	Gallium tri-chloride derivatives of the sterically demanding pyridines 2,6-Ar <sub>2</sub> C <sub>6</sub> H <sub>3</sub> N (Ar=2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) $T_{jETQq1} = 1.0784314$ rgBT / 1.0	1.0	9
208	Cuprate Addition to a 6-Substituted Pentafulvene - Preparation of <i>sec</i> -Alkyl-Substituted Titanocene Dichlorides and Their Biological Activity. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3997-4007.	1.2	9
209	Isolation of stable non cyclic 1,2-disulfoxides. Revisiting the thermolysis of S-aryl sulfinimines. <i>Chemical Communications</i> , 2014, 50, 12630-12632.	2.2	9
210	Anionic sigmatropic-electrocyclic-Chugaev cascades: accessing 12-aryl-5-(methylthiocarbonylthio)tetracenes and a related anthra[2,3- <i>b</i> ]thiophene. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 273-279.	1.3	9
211	Synthesis of 6-arylisocytosines and their potential for hydrogen bonding interactions. <i>Tetrahedron</i> , 2015, 71, 7339-7343.	1.0	9
212	Sigmatropic Rearrangement of Vinyl Aziridines: Expedient Synthesis of Cyclic Sulfoximines from Chiral Sulfinimines. <i>Angewandte Chemie</i> , 2016, 128, 10201-10205.	1.6	9
213	Enantioselective Synthesis of 6,6-Disubstituted Pentafulvenes Containing a Chiral Pendant Hydroxy Group. <i>Chemistry - A European Journal</i> , 2017, 23, 17195-17198.	1.7	9
214	Uranium-halide and -azide derivatives of the sterically demanding triamidoamine ligand TrenTPS [TrenTPS = {N(CH <sub>2</sub> CH <sub>2</sub> NSiPh <sub>3</sub> ) <sub>3</sub> } <sub>3</sub> ]. <i>Polyhedron</i> , 2017, 125, 2-8.	1.0	9
215	Perylene Diimide Triple Helix Formation in the Solid State. <i>Crystal Growth and Design</i> , 2018, 18, 802-807.	1.4	9
216	Synthesis of Highly Substituted 1,2-Diazetidina-3-ones, Small-Ring Scaffolds for Drug Discovery. <i>Chemistry - A European Journal</i> , 2018, 24, 8325-8330.	1.7	9

#	ARTICLE	IF	CITATIONS
217	Nitrogen-Bridged, Natural Product Like Octahydrobenzofurans and Octahydroindoles: Scope and Mechanism of Bridge-Forming Reductive Amination via Caged Heteroadamantanes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4696-4704.	1.2	9
218	Iron(II)-Catalyzed Hydroamination of Isocyanates. <i>Organometallics</i> , 2019, 38, 4115-4120.	1.1	9
219	Stimuli-Responsive Cycloaurated $\alpha$ -OFF $\alpha$ -Switchable Anion Transporters. <i>Angewandte Chemie</i> , 2020, 132, 17767-17774.	1.6	9
220	An SN <sup>2</sup> displacement approach to allenyl acetates. <i>Tetrahedron Letters</i> , 2010, 51, 6454-6456.	0.7	8
221	Cubane and dicubane complexes stabilised by sterically demanding m-terphenyl ligands. <i>Chemical Communications</i> , 2013, 49, 9752.	2.2	8
222	Asymmetric Synthesis of Pyrrolidine-Containing Chemical Scaffolds via Tsuji-Trost Allylation of N-tert-Butanesulfinyl Imines. <i>Chemistry - A European Journal</i> , 2017, 23, 11153-11158.	1.7	8
223	Synthesis of Epibatidine Analogues by Pyrrole Diels-Alder Reactions: Rapid Access to Azabicyclo[2.2.1]heptane and 3,8-Diazabicyclo[3.2.1]octane Scaffolds for Library Synthesis. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 138-148.	1.2	8
224	Nickel-catalyzed, ligand-free, diastereoselective synthesis of 3-methyleneindan-1-ols. <i>Chemical Communications</i> , 2018, 54, 12389-12392.	2.2	8
225	Controlling the Two-Dimensional Self-Assembly of Functionalized Porphyrins via Adenine-Thymine Quartet Formation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26070-26079.	1.5	8
226	Origin of the Thiopyrone CTP-431 - Unexpectedly Isolated from the Marine Sponge <i>Cacospongia mycofijiensis</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 10595-10601.	1.7	8
227	Structural characterization and optical properties of two copper(I)-iodide BODIPY coordination polymers. <i>CrystEngComm</i> , 2019, 21, 4551-4556.	1.3	8
228	Tripodal O <sub>2</sub> N <sub>2</sub> O Bis-Phenolato Amine Titanium(IV) Complexes Show High in vitro Anti-Cancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2774-2780.	1.0	8
229	Diaminomethylenemalononitriles and Diaminomethyleneindanediones as Dual Hydrogen Bond Donors for Anion Recognition. <i>Journal of Organic Chemistry</i> , 2021, 86, 4957-4964.	1.7	8
230	Frequency domain magnetic resonance and magnetic circular dichroism studies on Ni <sub>4</sub> cubane molecular nanomagnets: A magnetic anisotropy investigation. <i>Inorganica Chimica Acta</i> , 2010, 363, 4329-4336.	1.2	7
231	Conformational Isomerism in Monomeric, Low-Coordinate Group...12 Complexes Stabilized by a Naphthyl-Substituted m-terphenyl Ligand. <i>Chemistry - A European Journal</i> , 2013, 19, 11446-11453.	1.7	7
232	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. <i>Angewandte Chemie</i> , 2017, 129, 4923-4926.	1.6	7
233	C <sub>2v</sub> -Symmetry, [2 Å <sup>-2</sup> ] grid, square copper complex with the N <sub>4</sub> ,N <sub>5</sub> -bis(4-fluorophenyl)-1H-imidazole-4,5-dicarboxamide ligand: structure, catecholase activity, magnetic properties and DFT calculations. <i>New Journal of Chemistry</i> , 2017, 41, 11750-11758.	1.4	7
234	Hydroquinone-Based Anion Receptors for Redox-Switchable Chloride Binding. <i>Chemistry</i> , 2019, 1, 80-88.	0.9	7

#	ARTICLE	IF	CITATIONS
235	Tetrapodal Anion Transporters. <i>Molecules</i> , 2020, 25, 5179.	1.7	7
236	Morpholino-Substituted BODIPY Species: Synthesis, Structure and Electrochemical Studies. <i>Crystals</i> , 2020, 10, 36.	1.0	7
237	A formal synthesis of (+)-lactacystin from 4-hydroxyproline. <i>Tetrahedron Letters</i> , 2013, 54, 55-57.	0.7	6
238	An unusual silicon mediated transannular cyclopropanation. <i>Chemical Communications</i> , 2013, 49, 795-797.	2.2	6
239	Versatile C(sp <sup>2</sup> )-C(sp <sup>3</sup> ) Ligand Couplings of Sulfoxides for the Enantioselective Synthesis of Diarylalkanes. <i>Angewandte Chemie</i> , 2016, 128, 10167-10170.	1.6	6
240	Core-Substituted Naphthalene Diimides: Influence of Substituent Conformation on Strong Visible Absorption. <i>ChemPlusChem</i> , 2017, 82, 489-492.	1.3	6
241	Synthesis and growth-inhibitory activities of imidazo[5,1-d]-1,2,3,5-tetrazine-8-carboxamides related to the anti-tumour drug temozolomide, with appended silicon, benzyl and heteromethyl groups at the 3-position. <i>MedChemComm</i> , 2018, 9, 545-553.	3.5	6
242	Water-Soluble $\pm$ -Amino Acid Complexes of Molybdenum as Potential Antidotes for Cyanide Poisoning: Synthesis and Catalytic Studies of Threonine, Methionine, Serine, and Leucine Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 18190-18204.	1.9	6
243	Diazophosphonates: Effective Surrogates for Diazoalkanes in Pyrazole Synthesis. <i>Chemistry - A European Journal</i> , 2021, 27, 13703-13708.	1.7	6
244	Manganese(ii) and copper(ii) nitrate bis-imidazole coordination polymers: dimensionality and product morphology. <i>CrystEngComm</i> , 2013, 15, 9704.	1.3	5
245	Switching intermolecular interactions by confinement in carbon nanotubes. <i>Chemical Communications</i> , 2015, 51, 648-651.	2.2	5
246	Expedient synthesis of an atypical oxazolidinone compound library. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5249-5257.	1.4	5
247	Synthesis of the Reported Pyranonaphthoquinone Structure of the Indoleamine-2,3-dioxygenase Inhibitor Annulin B by Regioselective Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 7924-7930.	1.7	5
248	Assembly of high nuclearity clusters from a family of tripodal tris-carboxylate ligands. <i>Polyhedron</i> , 2016, 120, 18-29.	1.0	5
249	Halide-selective, proton-coupled anion transport by phenylthiosemicarbazones. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183828.	1.4	5
250	Bis( $\frac{1}{4}$ -1,8-bis(triisopropylsilylamido)naphthalene)bis(tetrahydrofuran)di( $\frac{1}{4}$ -oxido-dimanganese(III)disodium) Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m204-m206.	0.4	4
251	Porphyrim-Based Metal Organic Frameworks: Unusual examples of Mn(II) carboxylate frameworks containing free-base porphyrins.. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2013, 228, 335-342.	0.4	4
252	Oxidative Routes to the Heterocyclic Cores of Benzothiazole Natural Products. <i>Synlett</i> , 2015, 27, 37-40.	1.0	4

#	ARTICLE	IF	CITATIONS
253	Diversification of <i>ortho</i> -Fused Cycloocta-2,5-diene Core and Eight-to Six-Ring Conversion by $\text{C-C}$ Bond Cleavage. <i>Chemistry - A European Journal</i> , 2016, 22, 12542-12547.	1.7	4
254	1,8-Bis(silylamido)naphthalene complexes of magnesium and zinc synthesised through alkane elimination reactions. <i>Dalton Transactions</i> , 2017, 46, 4101-4110.	1.6	4
255	Mn(IV), Co(II) and Ni(II) complexes of the Schiff bases of 2-hydroxy-naphthaldehyde with amino alcohols: synthesis, characterization and electrochemical study; DFT study and Catecholase activity of Mn(IV) complex. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2919-2940.	0.8	4
256	<i>tele</i> -Substitution Reactions in the Synthesis of a Promising Class of 1,2,4-Triazolo[4,3- <i>a</i> ]pyrazine-Based Antimalarials. <i>Journal of Organic Chemistry</i> , 2020, 85, 13438-13452.	1.7	4
257	Aminium cation-radical catalysed selective hydration of ( <i>E</i> )-aryl enynes. <i>Chemical Communications</i> , 2021, 57, 6991-6994.	2.2	4
258	Structural and electronic studies of substituted <i>m</i> -terphenyl lithium complexes. <i>Dalton Transactions</i> , 2021, 50, 722-728.	1.6	4
259	Modulation of the optical properties of soluble N-alkylated 4-pyridyl diketopyrrolopyrrole derivatives. <i>Dyes and Pigments</i> , 2022, 197, 109836.	2.0	4
260	Expedient Synthesis of Homochiral 1-Aryl-Substituted 4,5-Dihydro-1H-imidazoles and Their Modification to N-Heterocyclic Carbene Precursors. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1819-1823.	1.2	3
261	Complexation study of Schiff base ligand: pyridin-2-ylimino methyl naphthanol with $\text{Co}^{+2}$ , $\text{Mn}^{+2}$ and $\text{Ni}^{+2}$ ions in solid and solution phase. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2364-2376.	0.8	3
262	Synthesis and thermoelectric properties of 2- and 2,8-substituted tetrathiotetracenes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3403-3409.	2.7	3
263	$\text{Pd}^{\text{II}}$ -Mediated Oxidative Amination for Access to a 9-Azabicyclo[4.2.1]nonane Compound Library and Anatoxin-a. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5558-5561.	1.2	3
264	Influence of Hydrogen-Bonding Interactions on Nuclearity and Structure of Palladium Tiara-like Complexes. <i>ACS Omega</i> , 2018, 3, 8769-8776.	1.6	3
265	A transition metal-gallium cluster formed via insertion of $\text{Ga}$ . <i>Chemical Communications</i> , 2020, 56, 8139-8142.	2.2	3
266	A Cooperative Photoactive Class-I Hybrid Polyoxometalate With Benzothiadiazole-Imidazolium Cations. <i>Frontiers in Chemistry</i> , 2020, 8, 612535.	1.8	3
267	Hydrogen-Bonding 2D Coordination Polymer for Enzyme-Free Electrochemical Glucose Sensing. <i>CrystEngComm</i> , 0, , .	1.3	3
268	( <i>pm</i> )-5-Ethyl-1-methyl-5-phenylpyrimidine-2,4,6-trione at 163 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o799-o800.	0.2	2
269	Chiral heterocyclic ligands. XVI: Synthesis and crystal structures of four metal complexes of a tridentate, biheterocyclic ligand derived from l-cysteine. <i>Polyhedron</i> , 2010, 29, 2220-2224.	1.0	2
270	(2 <i>S</i> )-2-[(2 <i>S</i> *,5 <i>R</i> *,6 <i>R</i> *)-5,6-Dimethoxy-5,6-dimethyl-1,4-dioxan-2-yl]-1-[( <i>S</i> )-1,1-dimethylethylsulfonyl]aziridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3335-o3335.	0.2	2



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271	Synthesis and characterisation of complexes of the 2,6-diphenoxyphenyl ligand. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1787-1791.	0.8	2
272	Chiral heterocyclic ligands. XVII. Pyridine- $\alpha$ -amino acid hybrid ligands: synthesis and crystal structures of metal complexes of a chelating ligand derived from L-alanine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 115-121.	0.8	2
273	Combining Two-Directional Synthesis and Tandem Reactions, Part 17: Expedient Formation of Functionalised Azabicycles. <i>Synlett</i> , 2012, 23, 423-427.	1.0	2
274	Preparation and structural analysis of ( $\hat{A}$ ±)- <i>cis</i> -ethyl 2-sulfanylidenedecahydro-1,6-naphthyridine-6-carboxylate and ( $\hat{A}$ ±)- <i>trans</i> -ethyl 2-oxooctahydro-1 <i>H</i> -pyrrolo[3,2- <i>c</i> ]pyridine-5-carboxylate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1161-1168.	0.2	2
275	Uranium halide complexes stabilized by a new sterically demanding tripodal <i>tris</i> ( <i>N</i> -adamantylamidodimethylsilyl)methane ligand. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1893-1903.	0.8	2
276	Conjugate Addition Routes to 2- <i>Alkyl</i> -2,3-dihydroquinolin-4(1 <i>H</i> )-ones and 2- <i>Alkyl</i> -4-hydroxy-1,2-dihydroquinoline-3-carboxylates. <i>European Journal of Inorganic Chemistry</i> , 2020, 1011-1017.	1.0	2
277	Influence of molecular design on radical spin multiplicity: characterisation of BODIPY dyad and triad radical anions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4429-4438.	1.3	2
278	Structural and Electronic Studies of Substituted <i>m</i> -Terphenyl Group 12 Complexes. <i>Organometallics</i> , 0, .	1.1	2
279	[5-Bromo-N-(2-pyridylethylsulfanylethyl)salicylideneiminato- $\lambda^4$ N,N $\lambda^2$ ,O,S]copper(II) perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1259-m1260.	0.2	1
280	6-Amino-5,5-diisopropyl-5 <i>H</i> -pyrimidine-2,4-dione hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1739-o1741.	0.2	1
281	Synthesis of the Reported Structure of Crassiflorone, a Pentacyclic Naphthoquinone Isolated from the African Ebony <i>Diospyros crassiflora</i> . <i>Synlett</i> , 2010, 2010, 514-516.	1.0	1
282	Mechanistic-Insight-Driven Rate Enhancement of Asymmetric Copper-Catalyzed 1,4-Addition of Dialkylzinc Reagents to Enones. <i>Organometallics</i> , 2020, 39, 834-840.	1.1	1
283	6-Isopropoxy-5-isopropylpyrimidine-2,4(1 <i>H</i> ,3 <i>H</i> )-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2429-o2431.	0.2	0
284	Expedient Route to an Amine Precursor of Halichlorine and Pinnaic Acid from Nitrocyclopent-1-ene. <i>Synlett</i> , 2010, 2010, 672-674.	1.0	0
285	Frontispiece: Synthesis of Highly Substituted 1,2-Diazetidins-3-ones, Small-Ring Scaffolds for Drug Discovery. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
286	Modulation of the acidity of the 8-carboxamide group in the temozolomide family of antitumor imidazo[5,1- <i>d</i> ][1,2,3,5]tetrazines. <i>Arkivoc</i> , 2021, 2020, 36-45.	0.3	0