

William Lewis

List of Publications by Year in descending order

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286
papers

12,380
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22153

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333
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10777
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#	ARTICLE	IF	CITATIONS
1	Modulation of the optical properties of soluble N-alkylated 4-pyridyl diketopyrrolopyrrole derivatives. <i>Dyes and Pigments</i> , 2022, 197, 109836.	3.7	4
2	Halide-selective, proton-coupled anion transport by phenylthiosemicarbazones. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183828.	2.6	5
3	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.	11.2	12
4	Modulation of the acidity of the 8-carboxamide group in the temozolomide family of antitumor imidazo[5,1-d][1,2,3,5]tetrazines. <i>Arkivoc</i> , 2021, 2020, 36-45.	0.5	0
5	Solid state structure and properties of phenyl diketopyrrolopyrrole derivatives. <i>CrystEngComm</i> , 2021, 23, 1796-1814.	2.6	13
6	Aminium cation-radical catalysed selective hydration of (<i>E</i>)-aryl enynes. <i>Chemical Communications</i> , 2021, 57, 6991-6994.	4.1	4
7	Diaminomethylenemalononitriles and Diaminomethyleneindanediones as Dual Hydrogen Bond Donors for Anion Recognition. <i>Journal of Organic Chemistry</i> , 2021, 86, 4957-4964.	3.2	8
8	Multigram Synthesis of Trioxanes Enabled by a Supercritical CO ₂ Integrated Flow Process. <i>Organic Process Research and Development</i> , 2021, 25, 1873-1881.	2.7	10
9	Diazophosphonates: Effective Surrogates for Diazoalkanes in Pyrazole Synthesis. <i>Chemistry - A European Journal</i> , 2021, 27, 13703-13708.	3.3	6
10	Structural and electronic studies of substituted <i>m</i>-terphenyl lithium complexes. <i>Dalton Transactions</i> , 2021, 50, 722-728.	3.3	4
11	Conjugate Addition Routes to 2-Alkyl-2,3-dihydroquinolin-4(1H)-ones and 2-Alkyl-4-hydroxy-1,2-dihydroquinoline-3-carboxylates. <i>European Journal of Inorganic Chemistry</i> , 2020, 1011-1017.	2.0	2
12	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.	2.2	4
13	Porous Metal-Organic Polyhedra: Morphology, Porosity, and Guest Binding. <i>Inorganic Chemistry</i> , 2020, 59, 15646-15658.	4.0	16
14	Stimuli-Responsive Cycloaurated OFF-ON-Switchable Anion Transporters. <i>Angewandte Chemie</i> , 2020, 132, 17767-17774.	2.0	9
15	Water-Soluble Î±-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.	4.0	6
16	Tetrapodal Anion Transporters. <i>Molecules</i> , 2020, 25, 5179.	3.8	7
17	<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.</i>	3.2	4
18	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.	7.4	14

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19	Hydrophosphination of Activated Alkenes by a Cobalt(I) Pincer Complex. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3148-3157.	4.3	13
20	A transition metal-gallium cluster formed via insertion of Ga. <i>Chemical Communications</i> , 2020, 56, 8139-8142.	4.1	3
21	Stimuli-Responsive Cycloaurated OFF-ON-Switchable Anion Transporters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17614-17621.	13.8	28
22	Conformationally adaptable macrocyclic receptors for ditopic anions: analysis of chelate cooperativity in aqueous containing media. <i>Chemical Science</i> , 2020, 11, 7015-7022.	7.4	19
23	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.	12.8	46
24	General Method for the Asymmetric Synthesis of N-H Sulfoximines via C-S Bond Formation. <i>Organic Letters</i> , 2020, 22, 2776-2780.	4.6	32
25	Mechanistic-Insight-Driven Rate Enhancement of Asymmetric Copper-Catalyzed 1,4-Addition of Dialkylzinc Reagents to Enones. <i>Organometallics</i> , 2020, 39, 834-840.	2.3	1
26	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.	2.8	2
27	Modular bismacrocycles for the selective C-H arylation of phenols and naphthols. <i>Nature Chemistry</i> , 2020, 12, 260-269.	13.6	64
28	Enantioselective nickel-catalyzed arylation and alkenylation intramolecular 1,2-allylations of tethered allene-ketones. <i>Chemical Science</i> , 2020, 11, 2401-2406.	7.4	16
29	Morpholino-Substituted BODIPY Species: Synthesis, Structure and Electrochemical Studies. <i>Crystals</i> , 2020, 10, 36.	2.2	7
30	A Cooperative Photoactive Class-I Hybrid Polyoxometalate With Benzothiadiazole-Imidazolium Cations. <i>Frontiers in Chemistry</i> , 2020, 8, 612535.	3.6	3
31	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.	9.0	21
32	Hydroquinone-Based Anion Receptors for Redox-Switchable Chloride Binding. <i>Chemistry</i> , 2019, 1, 80-88.	2.2	7
33	Ground and Excited States of Bis(4-Methoxybenzyl)-Substituted Diketopyrrolopyrroles: Spectroscopic and Electrochemical Studies. <i>ChemPlusChem</i> , 2019, 84, 1413-1422.	2.8	10
34	Synthesis, Characterization, and in Vitro Anticancer Activity of Copper and Zinc Bis(Thiosemicarbazone) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 13709-13723.	4.0	78
35	Structural characterization and optical properties of two copper(iodide) BODIPY coordination polymers. <i>CrystEngComm</i> , 2019, 21, 4551-4556.	2.6	8
36	Iron(II)-Catalyzed Hydroamination of Isocyanates. <i>Organometallics</i> , 2019, 38, 4115-4120.	2.3	9

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37	Rhodium-catalyzed arylation cyclization of alkynyl malonates by 1,4-rhodium migration. <i>Chemical Communications</i> , 2019, 55, 11366-11369.	4.1	17
38	Host-guest selectivity in a series of isoreticular metal-organic frameworks: observation of acetylene-to-alkyne and carbon dioxide-to-amide interactions. <i>Chemical Science</i> , 2019, 10, 1098-1106.	7.4	47
39	Restricting shuttling in bis(imidazolium)-pillar[5]arene rotaxanes using metal coordination. <i>Dalton Transactions</i> , 2019, 48, 58-64.	3.3	22
40	Tripodal Bis-Phenolato Amine Titanium(IV) Complexes Show High in vitro Anti-Cancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2774-2780.	2.0	8
41	A Highly Active Bidentate Magnesium Catalyst for Amine-Borane Dehydrocoupling: Kinetic and Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 6840-6846.	3.3	17
42	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.	12.7	38
43	Heterobimetallic [NiFe] Complexes Containing Mixed CO/CN ⁺ Ligands: Analogs of the Active Site of the [NiFe] Hydrogenases. <i>Inorganic Chemistry</i> , 2018, 57, 2558-2569.	4.0	14
44	Synthesis and thermoelectric properties of 2- and 2,8-substituted tetrathiotetracenes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3403-3409.	5.5	3
45	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.	3.3	13
46	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.	3.0	49
47	Synthesis and growth-inhibitory activities of imidazo[5,1- <i>d</i>]-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.	3.4	6
48	Perylene Diimide Triple Helix Formation in the Solid State. <i>Crystal Growth and Design</i> , 2018, 18, 802-807.	3.0	9
49	Dehydrogenation of dimethylamine-borane mediated by Group 1 pincer complexes. <i>Chemical Communications</i> , 2018, 54, 1825-1828.	4.1	18
50	Thionated naphthalene diimides: tuneable chromophores for applications in photoactive dyads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 752-764.	2.8	30
51	Dehydrocoupling of dimethylamine-borane promoted by manganese(II)-terphenyl complexes. <i>Catalysis Science and Technology</i> , 2018, 8, 229-235.	4.1	14
52	Nickel-catalyzed, ligand-free, diastereoselective synthesis of 3-methyleneindan-1-ols. <i>Chemical Communications</i> , 2018, 54, 12389-12392.	4.1	8
53	Synthesis of multisubstituted pyrroles by nickel-catalyzed arylation cyclizations of <i>N</i> -tosyl alkynamides. <i>Chemical Communications</i> , 2018, 54, 11769-11772.	4.1	27
54	Thionated Perylene Diimide-Phenothiazine Dyad: Synthesis, Structure, and Electrochemical Studies. <i>ACS Omega</i> , 2018, 3, 14236-14244.	3.5	11

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55	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.	3.1	8
56	Pd ^{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.	2.4	3
57	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. <i>Nature Communications</i> , 2018, 9, 3757.	12.8	36
58	Influence of Hydrogen-Bonding Interactions on Nuclearity and Structure of Palladium Tiara-like Complexes. <i>ACS Omega</i> , 2018, 3, 8769-8776.	3.5	3
59	Uranium(III)-carbon multiple bonding supported by arene π -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	12.8	43
60	Diastereoselective Synthesis of Highly Substituted, Amino- and Pyrrolidino-Tetrahydrofurans as Lead-Like Molecular Scaffolds. <i>Chemistry - A European Journal</i> , 2018, 24, 8233-8239.	3.3	11
61	Synthesis of Highly Substituted 1,2-Diazetidino-ones, Small-Ring Scaffolds for Drug Discovery. <i>Chemistry - A European Journal</i> , 2018, 24, 8325-8330.	3.3	9
62	Enantioselective Synthesis of Chiral Cyclopent-2-enones by Nickel-Catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9122-9125.	13.8	65
63	Enantioselective Synthesis of Chiral Cyclopent-2-enones by Nickel-Catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie</i> , 2018, 130, 9260-9263.	2.0	14
64	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.	2.4	9
65	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.	3.2	8
66	Enantioselective nickel-catalyzed arylative intramolecular 1,4-allylations. <i>Chemical Communications</i> , 2018, 54, 5622-5625.	4.1	32
67	Sulfonimidates: Useful Synthetic Intermediates for Sulfoximine Synthesis via C–S Bond Formation. <i>Organic Letters</i> , 2018, 20, 3674-3677.	4.6	37
68	Frontispiece: Synthesis of Highly Substituted 1,2-Diazetidino-3-ones, Small-Ring Scaffolds for Drug Discovery. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
69	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.	3.3	38
70	Total Synthesis of the Post-translationally Modified Polyazole Peptide Antibiotic Goadsporin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3069-3073.	13.8	17
71	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.	7.1	73
72	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	12.8	128

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73	1,8-Bis(silylamido)naphthalene complexes of magnesium and zinc synthesised through alkane elimination reactions. Dalton Transactions, 2017, 46, 4101-4110.	3.3	4
74	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. Angewandte Chemie, 2017, 129, 4923-4926.	2.0	7
75	Arylative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl- to -Allyl 1,4-Rhodium(I) Migration. Angewandte Chemie - International Edition, 2017, 56, 7227-7232.	13.8	38
76	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel <i>E/Z</i> Isomerization. Angewandte Chemie, 2017, 129, 8328-8332.	2.0	22
77	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel <i>E/Z</i> Isomerization. Angewandte Chemie - International Edition, 2017, 56, 8216-8220.	13.8	63
78	Core-Substituted Naphthalene Diimides: Influence of Substituent Conformation on Strong Visible Absorption. ChemPlusChem, 2017, 82, 489-492.	2.8	6
79	Iron(II)-Catalyzed Hydrophosphination of Isocyanates. Angewandte Chemie - International Edition, 2017, 56, 4845-4848.	13.8	34
80	A monomeric, heterobimetallic complex with an unsupported Mg-Fe bond. Inorganica Chimica Acta, 2017, 458, 97-100.	2.4	10
81	Gas adsorption and structural diversity in a family of Cu(II) pyridyl-isophthalate metal-organic framework materials. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160334.	3.4	10
82	Photochemistry of framework-supported M(dimine)(CO) ₃ X complexes in three-dimensional lithium carboxylate metal-organic frameworks: monitoring the effect of framework cations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160033.	3.4	10
83	Cyclotrimerisation of isocyanates catalysed by low-coordinate Mn(II) and Fe(II) m-terphenyl complexes. Chemical Communications, 2017, 53, 937-940.	4.1	35
84	Cubane-like tetranuclear Cu(II) complexes bearing a Cu ₄ O ₄ core: crystal structure, magnetic properties, DFT calculations and phenoxazinone synthase like activity. Dalton Transactions, 2017, 46, 1249-1259.	3.3	69
85	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenyl- to -Allyl 1,4-Rhodium(I) Migration. Angewandte Chemie - International Edition, 2017, 56, 16352-16356.	13.8	53
86	Sulfonylative and Azidosulfonylative Cyclizations by Visible-Light-Photosensitization of Sulfonyl Azides in THF. Chemistry - A European Journal, 2017, 23, 17598-17604.	3.3	44
87	Total synthesis of (±)-aritasone via the ultra-high pressure hetero-Diels-Alder dimerisation of (±)-pinocarvone. Organic and Biomolecular Chemistry, 2017, 15, 8523-8528.	2.8	12
88	Nickel(II) metal-organic frameworks with N,N'-di(4-pyridyl)-naphthalenediimide ligands: influence of secondary building unit geometry on dimensionality and framework dimensions. CrystEngComm, 2017, 19, 5558-5564.	2.6	12
89	Arylative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl- to -Allyl 1,4-Rhodium(I) Migration. Angewandte Chemie, 2017, 129, 7333-7338.	2.0	15
90	C ₂ -Symmetry, [2 × 2] grid, square copper complex with the N ₄ ,N ₅ -bis(4-fluorophenyl)-1H-imidazole-4,5-dicarboxamide ligand: structure, catecholase activity, magnetic properties and DFT calculations. New Journal of Chemistry, 2017, 41, 11750-11758.	2.8	7

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91	C ¹³ H Insertion as a Key Step to Spirooxetanes, Scaffolds for Drug Discovery. Chemistry - A European Journal, 2017, 23, 13623-13627.	3.3	25
92	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenylallyl 1,4-Rhodium(I) Migration. Angewandte Chemie, 2017, 129, 16570-16574.	2.0	17
93	Enantioselective Synthesis of 6,6-Disubstituted Pentafulvenes Containing a Chiral Pendant Hydroxy Group. Chemistry - A European Journal, 2017, 23, 17195-17198.	3.3	9
94	Asymmetric Synthesis of Pyrrolidine-Containing Chemical Scaffolds via Tsuji-Trost Allylation of N-tert-Butanesulfinyl Imines. Chemistry - A European Journal, 2017, 23, 11153-11158.	3.3	8
95	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. European Journal of Organic Chemistry, 2017, 2017, 138-148.	2.4	8
96	Uranium-halide and azide derivatives of the sterically demanding triamidoamine ligand TrenTPS [TrenTPS = {N(CH ₂ CH ₂ NSiPh ₃) ₃ } ₃]. Polyhedron, 2017, 125, 2-8.	2.2	9
97	The effect of carboxylate position on the structure of a metal organic framework derived from cyclotriveratrylene. CrystEngComm, 2017, 19, 603-607.	2.6	10
98	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. Nature Communications, 2016, 7, 13773.	12.8	82
99	Exploring the Reactivity of 2-Trichloromethylbenzoxazoles for Access to Substituted Benzoxazoles. Journal of Organic Chemistry, 2016, 81, 12472-12477.	3.2	16
100	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. Organic and Biomolecular Chemistry, 2016, 14, 3889-3905.	2.8	27
101	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metal-Organic Framework. Journal of the American Chemical Society, 2016, 138, 14828-14831.	13.7	44
102	Expedient synthesis of an atypical oxazolidinone compound library. Bioorganic and Medicinal Chemistry, 2016, 24, 5249-5257.	3.0	5
103	Synthesis of malhamensilipin A exploiting iterative epoxidation/chlorination: experimental and computational analysis of epoxide-derived chloronium ions. Chemical Science, 2016, 7, 7040-7049.	7.4	13
104	Synthesis of the Reported Pyranonaphthoquinone Structure of the Indoleamine-2,3-dioxygenase Inhibitor Annulin B by Regioselective Diels-Alder Reaction. Journal of Organic Chemistry, 2016, 81, 7924-7930.	3.2	5
105	Uranium Metallacyclopentadienes with Carbene Imido R ₂ C=U ^{IV} =NR ₂ Units (R=Ph ₂ PNSiMe ₃ ; R ² =CPh ₃): Alkali-Metal-Mediated Push-Pull Effects with an Amido Auxiliary. Chemistry - A European Journal, 2016, 22, 11554-11558.	3.3	33
106	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. Advanced Materials, 2016, 28, 8705-8711.	21.0	214
107	Sigmatropic Rearrangement of Vinyl Aziridines: Expedient Synthesis of Cyclic Sulfoximines from Chiral Sulfinimines. Angewandte Chemie, 2016, 128, 10201-10205.	2.0	9
108	Sigmatropic Rearrangement of Vinyl Aziridines: Expedient Synthesis of Cyclic Sulfoximines from Chiral Sulfinimines. Angewandte Chemie - International Edition, 2016, 55, 10047-10051.	13.8	32

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109	Versatile C(sp ²)âˆC(sp ³) Ligand Couplings of Sulfoxides for the Enantioselective Synthesis of Diarylalkanes. <i>Angewandte Chemie</i> , 2016, 128, 10167-10170.	2.0	6
110	Versatile C(sp ²)âˆC(sp ³) Ligand Couplings of Sulfoxides for the Enantioselective Synthesis of Diarylalkanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10013-10016.	13.8	30
111	A New Generation of Smart Amine Donors for Transaminaseâ€Mediated Biotransformations. <i>Chemistry - A European Journal</i> , 2016, 22, 12692-12695.	3.3	80
112	Diversification of <i>ortho</i>-Fused Cyclooctaâ€2,5â€dienâ€1â€one Cores and Eightâ€to Sixâ€Ring Conversion by ĩf Bond CâˆC Cleavage. <i>Chemistry - A European Journal</i> , 2016, 22, 12542-12547.	3.3	4
113	Solid state supramolecular structure of diketopyrrolopyrrole chromophores: correlating stacking geometry with visible light absorption. <i>CrystEngComm</i> , 2016, 18, 8933-8943.	2.6	27
114	Confined water in imidazolium based ionic liquids: a supramolecular guest@host complex case. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18297-18304.	2.8	36
115	Complexation study of Schiff base ligand: pyridin-2-ylimino methyl naphthanol with Co ⁺² , Mn ⁺² and Ni ⁺² ions in solid and solution phase. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2364-2376.	2.2	3
116	Assembly of high nuclearity clusters from a family of tripodal tris-carboxylate ligands. <i>Polyhedron</i> , 2016, 120, 18-29.	2.2	5
117	Uranium halide complexes stabilized by a new sterically demanding tripodal <i>tris</i>-adamantylamidodimethylsilyl)methane ligand. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1893-1903.	2.2	2
118	Stereoselective Synthesis of Functionalized Pyrrolidines by the Diverted NâˆH Insertion Reaction of Metallocarbenes with Î²â€Aminoketone Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 3813-3817.	2.0	12
119	Stereoselective Synthesis of Functionalized Pyrrolidines by the Diverted NâˆH Insertion Reaction of Metallocarbenes with Î²â€Aminoketone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3749-3753.	13.8	61
120	Enhancement of CO ₂ Adsorption and Catalytic Properties by Fe-Doping of [Ga ₂ (OH) ₂ (L)] (H ₄ L = Biphenyl-3,3â€2,5,5â€2-tetracarboxylic Acid), MFM-300(Ga ₂). <i>Inorganic Chemistry</i> , 2016, 55, 1076-1088.	4.0	70
121	Thionated perylene diimides with intense absorbance in the near-IR. <i>Chemical Communications</i> , 2016, 52, 2099-2102.	4.1	24
122	Emergence of comparable covalency in isostructural cerium(IV)â€ and uranium(IV)â€ carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	7.4	90
123	Accessing low-oxidation state taxanes: is taxadiene-4(5)-epoxide on the taxol biosynthetic pathway?. <i>Chemical Science</i> , 2016, 7, 3102-3107.	7.4	27
124	Non-Interpenetrated Metalâ€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.	13.7	104
125	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.	7.4	300
126	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	13.8	50

#	ARTICLE	IF	CITATIONS
127	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	2.0	16
128	One-Pot Cannizzaro Cascade Synthesis of ortho-Fused Cycloocta[2,5]dienones from 2-Bromo(hetero)aryl Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10648-10651.	13.8	10
129	Asymmetric Pentafulvene Carbometalation Access to Enantiopure Titanocene Dichlorides of Biological Relevance. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14179-14182.	13.8	13
130	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.	13.8	40
131	Stereoselective Synthesis of Highly Substituted Tetrahydrofurans through Diverted Carbene O ₂ H Insertion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8485-8489.	13.8	86
132	Anionic sigmatropic-electrocyclic-Chugaev cascades: accessing 12-aryl-5-(methylthiocarbonylthio)tetracenes and a related anthra[2,3-b]thiophene. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 273-279.	2.2	9
133	Thymine functionalised porphyrins, synthesis and heteromolecular surface-based self-assembly. <i>Chemical Science</i> , 2015, 6, 1562-1569.	7.4	39
134	Alkaline Earth Complexes of a Sterically Demanding Guanidinate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5892-5902.	2.0	23
135	Oxidative Routes to the Heterocyclic Cores of Benzothiazole Natural Products. <i>Synlett</i> , 2015, 27, 37-40.	1.8	4
136	Thorium Triamidoamine Complexes: Synthesis of an Unusual Dinuclear Tuck-in Tuck-over Thorium Metallacycle Featuring the Longest Known Thorium- η^5 -Alkyl Bond. <i>Organometallics</i> , 2015, 34, 2386-2394.	2.3	23
137	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.	2.4	3
138	Combining two-directional synthesis and tandem reactions. Part 21: Exploitation of a dimeric macrocycle for chain terminus differentiation and synthesis of an sp ³ -rich library. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2621-2628.	3.0	17
139	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.	4.1	22
140	Synthesis and characterisation of halide, separated ion pair, and hydride cyclopentadienyl iron bis(diphenylphosphino)ethane derivatives. <i>Dalton Transactions</i> , 2015, 44, 14159-14177.	3.3	15
141	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	13.6	114
142	An Inverted Sandwich Diuranium η^5 : η^5 -Cyclopentadienyl Complex Supported by η^5 -Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	2.0	19
143	Tuning Coordination in Block Carbazoleyl Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 6949-6956.	3.3	15
144	Hirshfeld Surface Investigation of Structure-Directing Interactions within Dipicolinic Acid Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 1697-1706.	3.0	68

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145	An Inverted δ -Sandwich Diuranium η^4 - C_5H_5 - η^5 -Cyclo P_5 Complex Supported by U^{IV} -Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7068-7072.	13.8	52
146	A Ni(scpi)Fe(scpii) analogue of the Ni-L state of the active site of the [NiFe] hydrogenases. <i>Chemical Communications</i> , 2015, 51, 16988-16991.	4.1	25
147	Control of Assembly of Dihydropyridyl and Pyridyl Molecules via Directed Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2015, 15, 4219-4224.	3.0	10
148	Synthesis of 6-arylisocytosines and their potential for hydrogen bonding interactions. <i>Tetrahedron</i> , 2015, 71, 7339-7343.	1.9	9
149	Switching intermolecular interactions by confinement in carbon nanotubes. <i>Chemical Communications</i> , 2015, 51, 648-651.	4.1	5
150	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinide η^2 -Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9356-9359.	13.8	36
151	Two e^- 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.	13.8	91
152	Asymmetric Synthesis of Trisubstituted Aziridines via Aza-Darzens Reaction of Chiral Sulfinimines. <i>Organic Letters</i> , 2014, 16, 6290-6293.	4.6	45
153	Photophysics and electrochemistry of a platinum-acetylide disubstituted perylene diimide. <i>Dalton Transactions</i> , 2014, 43, 85-94.	3.3	35
154	Total Synthesis of (Δ^{\pm})-Distomadines A and B. <i>Organic Letters</i> , 2014, 16, 1064-1067.	4.6	15
155	Triamidoamine η^2 -Uranium(IV) η^2 -Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	130
156	Synthesis of toxyloxanthone B. <i>Tetrahedron</i> , 2014, 70, 1283-1288.	1.9	18
157	A Novel Bismuth η^2 -Based Metal η^2 -Organic Framework for High Volumetric Methane and Carbon Dioxide Adsorption. <i>Chemistry - A European Journal</i> , 2014, 20, 8024-8029.	3.3	67
158	1,4-Addition of TMSCl_3 to Nitroalkenes: Efficient Reaction Conditions and Mechanistic Understanding. <i>Chemistry - A European Journal</i> , 2014, 20, 7718-7724.	3.3	29
159	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6696-6700.	13.8	103
160	Alkali metal derivatives of an ortho-phenylene diamine. <i>Dalton Transactions</i> , 2014, 43, 4351-4360.	3.3	17
161	Synthesis and characterisation of magnesium complexes containing sterically demanding N, N^{\prime} -bis(aryl)amidinate ligands. <i>Dalton Transactions</i> , 2014, 43, 4838-4846.	3.3	28
162	Preparation and structural analysis of (Δ^{\pm})- <i>cis</i> -ethyl 2-sulfanylidenedecahydro-1,6-naphthyridine-6-carboxylate and (Δ^{\pm})- <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.	0.5	2

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164	Reactivity of the uranium(IV) carbene complex [U(BIPM-TMS)(Cl)(1/4-Cl) ₂ Li(THF) ₂] (BIPM-TMS = Tj ETQq0 0 0 rgBT /Overlock 10 Tf substrates: metallo-Wittig, adduct formation, C=O bond activation, and [2 + 2]-cycloaddition reactions. <i>Dalton Transactions</i> , 2014, 43, 14275-14283.	3.3	35
165	Analysis of High and Selective Uptake of CO ₂ in an Oxamide-Containing {Cu ₂ (OOCR) ₄ } _n -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324.	3.3	119
166	A Robust Binary Supramolecular Organic Framework (SOF) with High CO ₂ Adsorption and Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 12828-12831.	13.7	287
167	Ligand influences on homoleptic Group 12 m-terphenyl complexes. <i>Dalton Transactions</i> , 2014, 43, 14257-14264.	3.3	10
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170	The role of 5f-orbital participation in unexpected inversion of the f-bond metathesis reactivity trend of triamidoamine thorium(IV) and uranium(IV) alkyls. <i>Chemical Science</i> , 2014, 5, 2489-2497.	7.4	94
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173	Phosphorus(V)-catalyzed deoxydichlorination reactions of Aldehydes. <i>Tetrahedron</i> , 2013, 69, 8769-8776.	1.9	37
174	Solar photochemistry: optimisation of the photo Friedel-Crafts acylation of naphthoquinones. <i>Green Chemistry</i> , 2013, 15, 2830.	9.0	26
175	Alkaloid inspired spirocyclic oxindoles from 1,3-dipolar cycloaddition of pyridinium ylides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6502.	2.8	41
176	A formal synthesis of (+)-lactacystin from 4-hydroxyproline. <i>Tetrahedron Letters</i> , 2013, 54, 55-57.	1.4	6
177	A New Route to α -Carbolines Based on 6 π -Electrocyclization of Indole-3-alkenyl Oximes. <i>Organic Letters</i> , 2013, 15, 6306-6308.	4.6	59
178	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. <i>Nature Communications</i> , 2013, 4, 2323.	12.8	50
179	Manganese(II) and copper(II) nitrate bis-imidazole coordination polymers: dimensionality and product morphology. <i>CrystEngComm</i> , 2013, 15, 9704.	2.6	5
180	Cubane and dicubane complexes stabilised by sterically demanding m-terphenyl ligands. <i>Chemical Communications</i> , 2013, 49, 9752.	4.1	8

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182	A triamido-uranium(v) inverse-sandwich 10- <i>π</i> -toluene tetraanion arene complex. <i>Dalton Transactions</i> , 2013, 42, 5224.	3.3	49
183	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.	4.0	39
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185	An unusual silicon mediated transannular cyclopropanation. <i>Chemical Communications</i> , 2013, 49, 795-797.	4.1	6
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187	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 2853-2862.	3.2	14
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189	Cycloaddition of Chiral <i>tert</i> -Butanesulfinimines with Trimethylenemethane. <i>Organic Letters</i> , 2013, 15, 2030-2033.	4.6	34
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191	Synthesis of 19-substituted geldanamycins with altered conformations and their binding to heat shock protein Hsp90. <i>Nature Chemistry</i> , 2013, 5, 307-314.	13.6	78
192	The Nature of the U≡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.	3.3	99
193	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.	2.4	9
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196	Alkaline Earth Complexes of Silylated Aminopyridinato Ligands: Homoleptic Compounds and Heterobimetallic Coordination Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 12429-12439.	4.0	23
197	Porphyrimetal-Organic Frameworks: Unusual examples of Mn(II) carboxylate frameworks containing free-base porphyrins. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2013, 228, 335-342.	0.8	4
198	A Cerium(IV)-Carbon Multiple Bond. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13016-13019.	13.8	91

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201	Synthesis and Characterisation of Lanthanide N-Trimethylsilyl and -Mesityl Functionalised Bis(iminophosphorano)methanides and -Methanediides. <i>Inorganics</i> , 2013, 1, 46-69.	2.7	18
202	Combining Two-Directional Synthesis and Tandem Reactions, Part 17: Expedient Formation of Functionalised Azabicycles. <i>Synlett</i> , 2012, 23, 423-427.	1.8	2
203	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.	7.1	151
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205	Combining two-directional synthesis and tandem reactions: a short formal synthesis of halichlorine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 67-69.	2.8	20
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208	High-Nuclearity Metal-Organic Nanospheres: A Cd ₆₆ Ball. <i>Journal of the American Chemical Society</i> , 2012, 134, 55-58.	13.7	61
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210	Redox Non-innocence of Thioether Crowns: Elucidation of the Electronic Structure of the Mononuclear Pd(III) Complexes [Pd([9]aneS ₃) ₂] ³⁺ and [Pd([18]aneS ₆)] ³⁺ . <i>Inorganic Chemistry</i> , 2012, 51, 1450-1461.	4.0	16
211	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	12.6	305
212	Low-coordinate cobalt(ii) terphenyl complexes: precursors to sterically encumbered ketones. <i>Chemical Communications</i> , 2012, 48, 8910.	4.1	23
213	Synthesis and characterisation of BODIPY radical anions. <i>Chemical Communications</i> , 2012, 48, 1751.	4.1	37
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218	Short Synthesis of Chiral 4-Substituted ϵ -imidazolinium Salts Bearing Sulfonates and Their Use in β -Selective Reactions of Allylic Halides with Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 699-707.	2.4	22
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224	Group 1 Bis(iminophosphorano)methanides, Part 2: N-Aryl Derivatives of the Sterically Demanding Methanes H ₂ C(PPh ₂ NR) ₂ (R = 2,4,6-trimethylphenyl or 2,6-diisopropylphenyl). <i>Organometallics</i> , 2011, 30, 5326-5337.	2.3	22
225	Group 1 Bis(iminophosphorano)methanides, Part 1: <i>N</i> -Alkyl and Silyl Derivatives of the Sterically Demanding Methanes H ₂ C(PPh ₂ NR) ₂ (R = Adamantyl and Tj ETQq1 1 0.7843 14 rgB14 Overlo	2.3	22
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228	Enantioselective Conjugate Addition Nitro-Mannich Reactions: Solvent Controlled Synthesis of Acyclic <i>anti</i> - and <i>syn</i> - β -Nitroamines with Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2011, 76, 1961-1971.	3.2	48
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248	Inhibition of Hsp90 with Resorcylic Acid Macrolactones: Synthesis and Binding Studies. <i>Chemistry - A European Journal</i> , 2010, 16, 10366-10372.	3.3	22
249	A Monomeric Dithio Methandiide with a Distorted <i>trans</i> -Planar Four-coordinate Carbon. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5570-5573.	13.8	59
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#	ARTICLE	IF	CITATIONS
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272	Biomimetic Synthesis and Structural Reassignment of the Tridachiahydropyrone. <i>Journal of the American Chemical Society</i> , 2009, 131, 5966-5972.	13.7	55
273	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH ₂ C ₆ H ₅)(THF)] (BIPM = Tj ETQq1 1 0.784314 rgBT/Overlo	3.3	67
274	A Crystallizable Dinuclear Tuck-In-Tuck-Over Tuck-Over Dialkyl Tren Uranium Complex and Double Dearylation of BPh ₄ ⁻ To Give the BPh ₂ -Functionalized Metallocycle [U{N(CH ₂ CH ₂ NSiMe ₃) ₂ (CH ₂ CH ₂ NSiMe ₂) ₂ } ₂] Journal of the American Chemical Society, 2009, 131, 10388-10389.	13.7	61
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