William Lewis

List of Publications by Year
in descending order

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286 papers	12,380 citations	22146 59 h-index	37202 96 g-index
333 all docs	333 docs citations	333 times ranked	10777 citing authors

#	Article	IF	Citations
1	A partially interpenetrated metalâ€“organic framework for selective hysteretic sorption ofÂcarbon dioxide. Nature Materials, 2012, 11, 710-716.	27.5	430
2	Exceptional Thermal Stability in a Supramolecular Organic Framework: Porosity and Gas Storage. Journal of the American Chemical Society, 2010, 132, 14457-14469.	13.7	369
3	Synthesis and Structure of a Terminal Uranium Nitride Complex. Science, 2012, 337, 717-720.	12.6	305
4	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. Chemical Science, 2016, 7, 155-165.	7.4	300
5	A delocalized arene-bridged diuranium single-molecule magnet. Nature Chemistry, 2011, 3, 454-460.	13.6	299
6	A Robust Binary Supramolecular Organic Framework (SOF) with High CO₂ Adsorption and Selectivity. Journal of the American Chemical Society, 2014, 136, 12828-12831.	13.7	287
7	Metalâ^'Organic Polyhedral Frameworks: High H₂ Adsorption Capacities and Neutron Powder Diffraction Studies. Journal of the American Chemical Society, 2010, 132, 4092-4094.	13.7	281
8	Isolation and characterization of a uranium(VI)â€“nitride triple bond. Nature Chemistry, 2013, 5, 482-488.	13.6	252
9	High capacity gas storage by a 4,8-connected metalâ€“organic polyhedral framework. Chemical Communications, 2011, 47, 4487.	4.1	220
10	Selective Adsorption of Sulfur Dioxide in a Robust Metalâ€“Organic Framework Material. Advanced Materials, 2016, 28, 8705-8711.	21.0	214
11	Catalytic Phosphorus(V)-Mediated Nucleophilic Substitution Reactions: Development of a Catalytic Appel Reaction. Journal of Organic Chemistry, 2011, 76, 6749-6767.	3.2	169
12	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R₂Câ•Uâ•O]²⁺ Analogue of the [Oâ•Uâ•O]²⁺ Uranyl Ion (R = Ph₂PNSiMe₃), and Comparison of the Nature of U^{IV}â•C, U^Vâ•C, and U^{VI}â•C Double Bonds. Journal of the American Chemical Society, 2012, 134, 10047-10054.	13.7	163
13	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9265-9270.	7.1	151
14	Singleâ€Molecule Magnetism in a Singleâ€Ion Triamidoamine Uranium(V) Terminal Monoâ€Oxo Complex. Angewandte Chemie - International Edition, 2013, 52, 4921-4924.	13.8	133
15	Uraniumâ€“Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene [U{C(PPh₂NSiMe₃)₂}(Cl)₂(I)] and Comparison of U^Vï£¾C and U^{IV}ï£¾C Bonds. Angewandte Chemie - International Edition, 2011, 50, 2383-2386.	13.8	132
16	A Formal High Oxidation State Inverseâ€Sandwich Diuranium Complex: A New Route to fâ€Blockâ€Metal Bonds. Angewandte Chemie - International Edition, 2011, 50, 10388-10392.	13.8	132
17	A mesoporous metalâ€“organic framework constructed from a nanosized C3-symmetric linker and [Cu24(isophthalate)24] cuboctahedra. Chemical Communications, 2011, 47, 9995.	4.1	130
18	Triamidoamineâ€“Uranium(IV)â€Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. Angewandte Chemie - International Edition, 2014, 53, 4484-4488.	13.8	130

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19	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. Nature Communications, 2017, 8, 14137.	12.8	128
20	Synthesis, Structure, and Magnetic Properties of an Antiferromagnetic Spin-Ladder Complex:Â Bis(2,3-dimethylpyridinium) Tetrabromocuprate. Journal of the American Chemical Society, 2007, 129, 952-959.	13.7	121
21	Synthesis and Characterization of an f-Block Terminal Parent Imido [Uâ•NH] Complex: A Masked Uranium(IV) Nitride. Journal of the American Chemical Society, 2014, 136, 5619-5622.	13.7	121
22	Rhodium Carbene Routes to Oxazoles and Thiazoles. Catalyst Effects in the Synthesis of Oxazole and Thiazole Carboxylates, Phosphonates, and Sulfones. Journal of Organic Chemistry, 2010, 75, 152-161.	3.2	119
23	Analysis of High and Selective Uptake of CO₂ in an Oxamideâ€Containing {Cu₂(OOCR)₄}â€Based Metalâ€“Organic Framework. Chemistry - A European Journal, 2014, 20, 7317-7324.	3.3	119
24	Dynamic Equilibria in Solventâ€Mediated Anion, Cation and Ligand Exchange in Transitionâ€Metal Coordination Polymers: Solidâ€State Transfer or Recrystallisation?. Chemistry - A European Journal, 2009, 15, 8861-8873.	3.3	118
25	Selective CO2 uptake and inverse CO2/C2H2 selectivity in a dynamic bifunctional metalâ€“organic framework. Chemical Science, 2012, 3, 2993.	7.4	117
26	Triamidoamine uranium(IV)â€“arsenic complexes containing one-, two- and threefold Uâ€“As bonding interactions. Nature Chemistry, 2015, 7, 582-590.	13.6	114
27	Regioselective Câˆ’H Activation and Sequential Câˆ’C and Câˆ’O Bond Formation Reactions of Aryl Ketones Promoted by an Yttrium Carbene. Journal of the American Chemical Society, 2010, 132, 14379-14381.	13.7	108
28	Non-Interpenetrated Metalâ€“Organic Frameworks Based on Copper(II) Paddlewheel and Oligoparaxylene-Isophthalate Linkers: Synthesis, Structure, and Gas Adsorption. Journal of the American Chemical Society, 2016, 138, 3371-3381.	13.7	104
29	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. Angewandte Chemie - International Edition, 2014, 53, 6696-6700.	13.8	103
30	Lanthanide tri-benzyl complexes: structural variations and useful precursors to phosphorus-stabilised lanthanide carbenes. Dalton Transactions, 2010, 39, 500-510.	3.3	100
31	The Nature of the Uï£¾C Double Bond: Pushing the Stability of Highâ€Oxidationâ€State Uranium Carbenes to the Limit. Chemistry - A European Journal, 2013, 19, 7071-7083.	3.3	99
32	The role of 5f-orbital participation in unexpected inversion of the Ïƒ-bond metathesis reactivity trend of triamidoamine thorium(<scp>iv</scp>) and uranium(<scp>iv</scp>) alkyls. Chemical Science, 2014, 5, 2489-2497.	7.4	94
33	A Cerium(IV)â€“Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	13.8	91
34	Twoâ€Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. Angewandte Chemie - International Edition, 2014, 53, 10412-10415.	13.8	91
35	Emergence of comparable covalency in isostructural cerium(<scp>iv</scp>)â€“ and uranium(<scp>iv</scp>)â€“carbon multiple bonds. Chemical Science, 2016, 7, 3286-3297.	7.4	90
36	Synthesis and structure of [{N(CH2CH2NSiMe3)3}URe(Î·5-C5H5)2]: a heterobimetallic complex with an unsupported uraniumâ€“rhenium bond. Chemical Communications, 2009, , 2851.	4.1	89

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37	Stereoselective Synthesis of Highly Substituted Tetrahydrofurans through Diverted Carbene Oï£¿H Insertion Reaction. Angewandte Chemie - International Edition, 2015, 54, 8485-8489.	13.8	86
38	Synthesis and structure of [U{C(PPh2NMes)2}2] (Mes = 2,4,6-Me3C6H2): A homoleptic uranium bis(carbene) complex with two formal Uî€C double bonds. Dalton Transactions, 2010, 39, 5074.	3.3	85
39	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. Nature Communications, 2016, 7, 13773.	12.8	82
40	A New Generation of Smart Amine Donors for Transaminaseâ€Mediated Biotransformations. Chemistry - A European Journal, 2016, 22, 12692-12695.	3.3	80
41	Synthesis of 19-substituted geldanamycins with altered conformations and their binding to heat shock protein Hsp90. Nature Chemistry, 2013, 5, 307-314.	13.6	78
42	Synthesis, Characterization, and in Vitro Anticancer Activity of Copper and Zinc Bis(Thiosemicarbazone) Complexes. Inorganic Chemistry, 2019, 58, 13709-13723.	4.0	78
43	Modifying Cage Structures in Metalâ€“Organic Polyhedral Frameworks for H₂ Storage. Chemistry - A European Journal, 2011, 17, 11162-11170.	3.3	73
44	Tailoring porosity and rotational dynamics in a series of octacarboxylate metal-organic frameworks. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3056-3061.	7.1	73
45	An Unsupported Uraniumâ€“Rhenium Complex Prepared by Alkane Elimination. Chemistry - A European Journal, 2011, 17, 6909-6912.	3.3	72
46	Enhancement of CO₂ Adsorption and Catalytic Properties by Fe-Doping of [Ga₂(OH)₂(L)] (H₄L = Biphenyl-3,3â€²,5,5â€²-tetracarboxylic Acid), MFM-300(Ga₂). Inorganic Chemistry, 2016, 55, 1076-1088.	4.0	70
47	Cubane-like tetranuclear Cu(<scp>ii</scp>) complexes bearing a Cu₄O₄ core: crystal structure, magnetic properties, DFT calculations and phenoxazinone synthase like activity. Dalton Transactions, 2017, 46, 1249-1259.	3.3	69
48	Hirshfeld Surface Investigation of Structure-Directing Interactions within Dipicolinic Acid Derivatives. Crystal Growth and Design, 2015, 15, 1697-1706.	3.0	68
49	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH2C6H5)(THF)] (BIPM =) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	67
50	A Novel Bismuthâ€Based Metalâ€“Organic Framework for High Volumetric Methane and Carbon Dioxide Adsorption. Chemistry - A European Journal, 2014, 20, 8024-8029.	3.3	67
51	The Nature of Unsupported Uraniumâ€“Ruthenium Bonds: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2011, 17, 11266-11273.	3.3	65
52	Enantioselective Synthesis of Chiral Cyclopentâ€2â€enones by Nickelâ€Catalyzed Desymmetrization of Malonate Esters. Angewandte Chemie - International Edition, 2018, 57, 9122-9125.	13.8	65
53	Heteroleptic [M(CH₂C₆H₅)₂(I)(THF)₃] Complexes (M = Y or Er): Remarkably Stable Precursors to Yttrium and Erbium T-Shaped Carbenes. Organometallics, 2009, 28, 6771-6776.	2.3	64
54	Structural and theoretical insights into the perturbation of uraniumâ€“rhenium bonds by dative Lewis base ancillary ligands. Chemical Communications, 2011, 47, 295-297.	4.1	64

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55	Modular bismacycles for the selective Câ€“H arylation of phenols and naphthols. Nature Chemistry, 2020, 12, 260-269.	13.6	64
56	An Actinide Zintl Cluster: A Tris(triamidouranium)Î¼₃â€Î·²:Î·²:Î·²â€Heptaphosphanortricyclane and Its Diverse Synthetic Utility. Angewandte Chemie - International Edition, 2013, 52, 13334-13337.	13.8	63
57	Enantioselective Nickelâ€Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel E/Z Isomerization. Angewandte Chemie - International Edition, 2017, 56, 8216-8220.	13.8	63
58	A Crystallizable Dinuclear Tuck-In-Tuck-Over Tuck-Over Dialkyl Tren Uranium Complex and Double Dearylation of BPh₄^{â^’} To Give the BPh₂-Functionalized Metallocycle [U{N(CH₂CH₂NSiMe₃)₂(CH₂CH₂NSiMe₂C Journal of the American Chemical Society, 2009, 131, 10388-10389.	13.7	61
59	High-Nuclearity Metalâ€“Organic Nanospheres: A Cd₆₆ Ball. Journal of the American Chemical Society, 2012, 134, 55-58.	13.7	61
60	Stereoselective Synthesis of Functionalized Pyrrolidines by the Diverted Nâ^’H Insertion Reaction of Metallocarbenes with Î²â€Aminoketone Derivatives. Angewandte Chemie - International Edition, 2016, 55, 3749-3753.	13.8	61
61	A Monomeric Dilithio Methandiide with a Distorted transâ€Planar Fourâ€Coordinate Carbon. Angewandte Chemie - International Edition, 2010, 49, 5570-5573.	13.8	59
62	Synthesis of the Oxepinochromone Natural Products Ptaeroxylin (Desoxykarenin), Ptaeroxylinol, and Eranthin. Journal of Organic Chemistry, 2010, 75, 353-358.	3.2	59
63	A New Route to Î±-Carbolines Based on 6Ï€-Electrocyclization of Indole-3-alkenyl Oximes. Organic Letters, 2013, 15, 6306-6308.	4.6	59
64	Synthesis of natural-product-like scaffolds in unprecedented efficiency via a 12-fold branching pathway. Chemical Science, 2011, 2, 2232.	7.4	58
65	Diverse Trifluoromethyl Heterocycles from a Single Precursor. Journal of Organic Chemistry, 2012, 77, 1396-1405.	3.2	56
66	Biomimetic Synthesis and Structural Reassignment of the Tridachiahydropyrones. Journal of the American Chemical Society, 2009, 131, 5966-5972.	13.7	55
67	Phosphonium salt-catalysed synthesis of nitriles from in situ activated oximes. Tetrahedron, 2012, 68, 2899-2905.	1.9	53
68	Enantioselective Rhodiumâ€Catalyzed Coupling of Arylboronic Acids, 1,3â€Enynes, and Imines by Alkenylâ€toâ€Allyl 1,4â€Rhodium(I) Migration. Angewandte Chemie - International Edition, 2017, 56, 16352-16356.	13.8	53
69	An Invertedâ€Sandwich Diuranium Î¼â€Î·⁵:Î·⁵â€Cycloâ€P₅ Complex Supported by Uâ€P₅ Îˆâ€Bonding. Angewandte Chemie - International Edition, 2015, 54, 7068-7072.	13.8	52
70	A Concise Route to Pyridines from Hydrazides by Metal Carbene Nâ^’H Insertion, 1,2,4-Triazine Formation, and Dielsâ^’Alder Reaction. Organic Letters, 2009, 11, 3686-3688.	4.6	51
71	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. Organometallics, 2010, 29, 2315-2321.	2.3	51
72	Development of a Gold-Multifaceted Catalysis Approach to the Synthesis of Highly Substituted Pyrroles: Mechanistic Insights via Huisgen Cycloaddition Studies. Journal of Organic Chemistry, 2013, 78, 920-934.	3.2	51

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73	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. Nature Communications, 2013, 4, 2323.	12.8	50
74	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. Angewandte Chemie - International Edition, 2015, 54, 15250-15254.	13.8	50
75	A triamido-uranium(v) inverse-sandwich 10Ï€-toluene tetraanion arene complex. Dalton Transactions, 2013, 42, 5224.	3.3	49
76	Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. Crystal Growth and Design, 2018, 18, 2555-2562.	3.0	49
77	Enantioselective Conjugate Addition Nitro-Mannich Reactions: Solvent Controlled Synthesis of Acyclicanti- andsyn-Î²-Nitroamines with Three Contiguous Stereocenters. Journal of Organic Chemistry, 2011, 76, 1961-1971.	3.2	48
78	Hostâ€“guest selectivity in a series of isoreticular metalâ€“organic frameworks: observation of acetylene-to-alkyne and carbon dioxide-to-amide interactions. Chemical Science, 2019, 10, 1098-1106.	7.4	47
79	Reversible single crystal-to-single crystal double [2+2] cycloaddition induces multifunctional photo-mechano-electrochemical properties in framework materials. Nature Communications, 2020, 11, 2808.	12.8	46
80	Asymmetric Synthesis of Trisubstituted Aziridines via Aza-Darzens Reaction of Chiral Sulfinimines. Organic Letters, 2014, 16, 6290-6293.	4.6	45
81	Photochemically Promoted Bondâ€Cleavage and â€Capture in a Diazomethane Derivative of a Triamidoamine Uranium(IV) Complex. Angewandte Chemie - International Edition, 2011, 50, 10440-10443.	13.8	44
82	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metalâ€“Organic Framework. Journal of the American Chemical Society, 2016, 138, 14828-14831.	13.7	44
83	Sulfonylative and Azidosulfonylative Cyclizations by Visibleâ€Lightâ€Photosensitization of Sulfonyl Azides in THF. Chemistry - A European Journal, 2017, 23, 17598-17604.	3.3	44
84	Reactivity of the Yttrium Alkyl Carbene Complex [Y(BIPM)(CH₂C₆H₅)(THF)] (BIPM =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td ({C(PPh<sub> Substitutions, and Additions to Nontypical Transformations. Organometallics, 2013, 32, 1251-1264.	2.3	43
85	Uranium(III)-carbon multiple bonding supported by arene Î´-bonding in mixed-valence hexauranium nanometre-scale rings. Nature Communications, 2018, 9, 2097.	12.8	43
86	Alkaloid inspired spirocyclic oxindoles from 1,3-dipolar cycloaddition of pyridinium ylides. Organic and Biomolecular Chemistry, 2013, 11, 6502.	2.8	41
87	Synthesis and Intracellular Redox Cycling of Natural Quinones and Their Analogues and Identification of Indoleamineâ€2,3â€dioxygenase (IDO) as Potential Target for Anticancer Activity. Angewandte Chemie - International Edition, 2015, 54, 8740-8745.	13.8	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. Inorganic Chemistry, 2013, 52, 660-670.	4.0	39
89	Thymine functionalised porphyrins, synthesis and heteromolecular surface-based self-assembly. Chemical Science, 2015, 6, 1562-1569.	7.4	39
90	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Wellâ€Defined Cleavage and Redox Reactions. Chemistry - A European Journal, 2017, 23, 2950-2959.	3.3	38

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91	Arylative Intramolecular Allylation of Ketones with 1,3â€Enynes Enabled by Catalytic Alkenylâ€toâ€Allyl 1,4â€Rhodium(I) Migration. Angewandte Chemie - International Edition, 2017, 56, 7227-7232.	13.8	38
92	Combining continuous flow oscillatory baffled reactors and microwave heating: Process intensification and accelerated synthesis of metal-organic frameworks. Chemical Engineering Journal, 2019, 356, 170-177.	12.7	38
93	Halide, Amide, Cationic, Manganese Carbonylate, and Oxide Derivatives of Triamidosilylamine Uranium Complexes. Inorganic Chemistry, 2011, 50, 9631-9641.	4.0	37
94	Synthesis and characterisation of BODIPY radical anions. Chemical Communications, 2012, 48, 1751.	4.1	37
95	Phosphorus(V)-catalyzed deoxydichlorination reactions ofÂaldehydes. Tetrahedron, 2013, 69, 8769-8776.	1.9	37
96	Sulfonimidates: Useful Synthetic Intermediates for Sulfoximine Synthesis via Câ€“S Bond Formation. Organic Letters, 2018, 20, 3674-3677.	4.6	37
97	Asymmetric conjugate additions to 1,1â€²-diactivated cyclic enonesâ€”a comparative study. Tetrahedron: Asymmetry, 2009, 20, 1881-1891.	1.8	36
98	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinideâ€“Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. Angewandte Chemie - International Edition, 2014, 53, 9356-9359.	13.8	36
99	Confined water in imidazolium based ionic liquids: a supramolecular guest@host complex case. Physical Chemistry Chemical Physics, 2016, 18, 18297-18304.	2.8	36
100	Selective reduction and homologation of carbon monoxide by organometallic iron complexes. Nature Communications, 2018, 9, 3757.	12.8	36
101	Reactivity Studies of a T-Shaped Yttrium Carbene: Câ€“F and Câ€“O Bond Activation and Câ•C Bond Formation Promoted by [Y(BIPM)(I)(THF)2] (BIPM = C(PPh2NSiMe3)2). Organometallics, 2013, 32, 1239-1250.	2.3	35
102	Photophysics and electrochemistry of a platinum-acetylide disubstituted perylenediimide. Dalton Transactions, 2014, 43, 85-94.	3.3	35
103	Reactivity of the uranium(<scp>IV</scp>) carbene complex [U(BIPM^{TMS})(Cl)(Î¼-Cl)₂Li(THF)₂] (BIPM^{TMS}=) Tj ETQq1 1 0.784314 rgBT /Ove substrates: metallo-Wittig, adduct formation, Câ€“F bond activation, and [2 + 2]-cycloaddition reactions. Dalton Transactions, 2014, 43, 14275-14283.	3.3	35
104	Cyclotrimerisation of isocyanates catalysed by low-coordinate Mn(<scp>ii</scp>) and Fe(<scp>ii</scp>) m-terphenyl complexes. Chemical Communications, 2017, 53, 937-940.	4.1	35
105	Stereoselective aza-Darzens reactions of tert-butanesulfinimines: convenient access to chiral aziridines. Organic and Biomolecular Chemistry, 2011, 9, 5034.	2.8	34
106	Cycloaddition of Chiral tert-Butanesulfinimines with Trimethylenemethane. Organic Letters, 2013, 15, 2030-2033.	4.6	34
107	Iron(II)â€Catalyzed Hydrophosphination of Isocyanates. Angewandte Chemie - International Edition, 2017, 56, 4845-4848.	13.8	34
108	Uranium Metallaâ€Allenes with Carbene Imido R₂C=U^{IV}=NRâ€² Units (R=Ph₂PNSiMe₃; Râ€²=CPh₃): Alkaliâ€Metalâ€Mediated Pushâ€“Pull Effects with an Amido Auxiliary. Chemistry - A European Journal, 2016, 22, 11554-11558.	3.3	33

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109	Sigmatropic Rearrangement of Vinyl Aziridines: Expedient Synthesis of Cyclic Sulfoximines from Chiral Sulfinimines. Angewandte Chemie - International Edition, 2016, 55, 10047-10051.	13.8	32
110	Enantioselective nickel-catalyzed arylative intramolecular 1,4-allylations. Chemical Communications, 2018, 54, 5622-5625.	4.1	32
111	General Method for the Asymmetric Synthesis of Nâ€“H Sulfoximines via Câ€“S Bond Formation. Organic Letters, 2020, 22, 2776-2780.	4.6	32
112	Versatile C(sp²)â^'C(sp³) Ligand Couplings of Sulfoxides for the Enantioselective Synthesis of Diarylalkanes. Angewandte Chemie - International Edition, 2016, 55, 10013-10016.	13.8	30
113	Thionated naphthalene diimides: tuneable chromophores for applications in photoactive dyads. Physical Chemistry Chemical Physics, 2018, 20, 752-764.	2.8	30
114	1,4â€Addition of TMSCCl₃ to Nitroalkenes: Efficient Reaction Conditions and Mechanistic Understanding. Chemistry - A European Journal, 2014, 20, 7718-7724.	3.3	29
115	Bridgehead enolates and bridgehead alkenes in a welwistatin model series. Chemical Communications, 2009, , 1398.	4.1	28
116	A Perylene Diimide Rotaxane: Synthesis, Structure and Electrochemically Driven Deâ€Threading. Chemistry - A European Journal, 2011, 17, 14746-14751.	3.3	28
117	Synthesis and characterisation of magnesium complexes containing sterically demanding N,Nâ€²-bis(aryl)amidinate ligands. Dalton Transactions, 2014, 43, 4838-4846.	3.3	28
118	Stimuliâ€Responsive Cycloaurated â€œOFFâ€ONâ€•Switchable Anion Transporters. Angewandte Chemie - International Edition, 2020, 59, 17614-17621.	13.8	28
119	Synthesis of Amino-1,4-benzoquinones and Their Use in Dielsâ€“Alder Approaches to the Aminonaphthoquinone Antibiotics. Journal of Organic Chemistry, 2011, 76, 7872-7881.	3.2	27
120	Targeting the Hsp90 Molecular Chaperone with Novel Macrolactams. Synthesis, Structural, Binding, and Cellular Studies. ACS Chemical Biology, 2011, 6, 1339-1347.	3.4	27
121	Highly diastereoselective radical cyclisations of chiral sulfinimines. Chemical Communications, 2013, 49, 9395.	4.1	27
122	Î²-Diketiminate Derivatives of Alkali Metals and Uranium. Organometallics, 2013, 32, 5058-5070.	2.3	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. Organic and Biomolecular Chemistry, 2016, 14, 3889-3905.	2.8	27
124	Solid state supramolecular structure of diketopyrrolopyrrole chromophores: correlating stacking geometry with visible light absorption. CrystEngComm, 2016, 18, 8933-8943.	2.6	27
125	Accessing low-oxidation state taxanes: is taxadiene-4(5)-epoxide on the taxol biosynthetic pathway?. Chemical Science, 2016, 7, 3102-3107.	7.4	27
126	Synthesis of multisubstituted pyrroles by nickel-catalyzed arylative cyclizations of N-tosyl alkynamides. Chemical Communications, 2018, 54, 11769-11772.	4.1	27

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127	Solar photochemistry: optimisation of the photo Friedelâ€“Crafts acylation of naphthoquinones. Green Chemistry, 2013, 15, 2830.	9.0	26
128	A Ni(<scp>i</scp>)Fe(<scp>ii</scp>) analogue of the Ni-L state of the active site of the [NiFe] hydrogenases. Chemical Communications, 2015, 51, 16988-16991.	4.1	25
129	Câ^'H Insertion as a Key Step to Spiroâ€Oxetanes, Scaffolds for Drug Discovery. Chemistry - A European Journal, 2017, 23, 13623-13627.	3.3	25
130	Combining two-directional synthesis and tandem reactions: new access to 3,5-disubstituted pyrrolizidines and first total synthesis of alkaloid cis-223B. Chemical Communications, 2009, , 2207.	4.1	24
131	Uranium(iv) amide and halide derivatives of two tripodal tris(N-arylamido-dimethylsilyl)methanes. Dalton Transactions, 2010, 39, 6638.	3.3	24
132	Thionated perylene diimides with intense absorbance in the near-IR. Chemical Communications, 2016, 52, 2099-2102.	4.1	24
133	A concise synthesis of honokiol. Tetrahedron, 2010, 66, 8029-8035.	1.9	23
134	Group 1 Bis(iminophosphorano)methanides, Part 1: N-Alkyl and Silyl Derivatives of the Sterically Demanding Methanes H₂C(PPh₂NR)₂ (R = Adamantyl and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	23
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