Alan J Lough

List of Publications by Year
in descending order

193 papers	7,445 citations	61984 43 h-index	58581 82 g-index
200 all docs	200 docs citations	200 times ranked	5158 citing authors

#	Article	IF	Citations
1	Amine(imine)diphosphine Iron Catalysts for Asymmetric Transfer Hydrogenation of Ketones and Imines. Science, 2013, 342, 1080-1083.	12.6	454
2	Highly Efficient Catalyst Systems Using Iron Complexes with a Tetradentate PNNP Ligand for the Asymmetric Hydrogenation of Polar Bonds. Angewandte Chemie - International Edition, 2008, 47, 940-943.	13.8	324
3	Catalytic Cycle for the Asymmetric Hydrogenation of Prochiral Ketones to Chiral Alcohols:Â Direct Hydride and Proton Transfer from Chiral Catalyststrans-Ru(H)2(diphosphine)(diamine) to Ketones and Direct Addition of Dihydrogen to the Resulting Hydridoamido Complexes. Journal of the American Chemical Society, 2001, 123, 7473-7474.	13.7	284
4	Iron(II) Complexes Containing Unsymmetrical Pâ€“Nâ€“Pâ€² Pincer Ligands for the Catalytic Asymmetric Hydrogenation of Ketones and Imines. Journal of the American Chemical Society, 2014, 136, 1367-1380.	13.7	278
5	Osmium and Ruthenium Catalysts for Dehydrogenation of Alcohols. Organometallics, 2011, 30, 3479-3482.	2.3	265
6	Efficient Asymmetric Transfer Hydrogenation of Ketones Catalyzed by an Iron Complex Containing a Pâ^'Nâ^'Nâ^'P Tetradentate Ligand Formed by Template Synthesis. Journal of the American Chemical Society, 2009, 131, 1394-1395.	13.7	263
7	Rhodium-catalyzed formation of boronâ€“nitrogen bonds: a mild route to cyclic aminoboranes and borazines. Chemical Communications, 2001, , 962-963.	4.1	233
8	Dihydrogen with Frequency of Motion Near the1H Larmor Frequency. Solid-State Structures and Solution NMR Spectroscopy of Osmium Complexestrans-[Os(HÂ·Â·H)X(PPh2CH2CH2PPh2)2]+(X = Cl, Br). Journal of the American Chemical Society, 1996, 118, 5396-5407.	13.7	231
9	Rhodium-Catalyzed Formation of Phosphorus-Boron Bonds: Synthesis of the First High Molecular Weight Poly(phosphinoborane). Angewandte Chemie - International Edition, 1999, 38, 3321-3323.	13.8	174
10	The Mechanism of Efficient Asymmetric Transfer Hydrogenation of Acetophenone Using an Iron(II) Complex Containing an (S,S)-Ph₂PCH₂CHâ•NCHPhCHPhNâ•CHCH₂PPh₂ Ligand: Partial Ligand Reduction Is the Key. Journal of the American Chemical Society, 2012, 134, 12266-12280.	13.7	174
11	Iron(II) Complexes for the Efficient Catalytic Asymmetric Transfer Hydrogenation of Ketones. Chemistry - A European Journal, 2009, 15, 5605-5610.	3.3	169
12	The synthesis and exchange chemistry of frustrated Lewis pairâ€“nitrous oxide complexes. Chemical Science, 2011, 2, 170-176.	7.4	163
13	Low-Valent Eneâ€“Amido Iron Complexes for the Asymmetric Transfer Hydrogenation of Acetophenone without Base. Journal of the American Chemical Society, 2011, 133, 9662-9665.	13.7	159
14	Synthesis, Electronic Structure, and Novel Reactivity of Strained, Boron-Bridged [1]Ferrocenophanes. Journal of the American Chemical Society, 2000, 122, 5765-5774.	13.7	158
15	Reactions of phosphorus/boron frustrated Lewis pairs with SO₂. Chemical Science, 2013, 4, 213-219.	7.4	150
16	Ruthenium Dihydride RuH2(PPh3)2((R,R)-cyclohexyldiamine) and Ruthenium Monohydride RuHCl(PPh3)2((R,R)-cyclohexyldiamine):Â Active Catalyst and Catalyst Precursor for the Hydrogenation of Ketones and Imines. Organometallics, 2000, 19, 2655-2657.	2.3	136
17	Synthesis and Characterization of Iron(II) Complexes with Tetradentate Diiminodiphosphine or Diaminodiphosphine Ligands as Precatalysts for the Hydrogenation of Acetophenone. Inorganic Chemistry, 2009, 48, 735-743.	4.0	129
18	Synthesis, Reactivity, and Ring-Opening Polymerization (ROP) of Tin-Bridged [1]Ferrocenophanes. Chemistry - A European Journal, 1998, 4, 2117-2128.	3.3	122

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19	Stereoelectronic Factors in Iron Catalysis: Synthesis and Characterization of Aryl-Substituted Iron(II) Carbonyl Pâ€“Nâ€“Nâ€“P Complexes and Their Use in the Asymmetric Transfer Hydrogenation of Ketones. Organometallics, 2011, 30, 4418-4431.	2.3	115
20	Thermal and Transition-Metal-Catalyzed Ring-Opening Polymerization (ROP) of [1]Silaferrocenophanes with Chlorine Substituents at Silicon:â€‰ A Route to Tunable Poly(ferrocenylsilanes). Organometallics, 1996, 15, 1972-1978.	2.3	97
21	Synthesis and Ring-Opening Polymerization of Highly Strained, Ring-Tilted[2]Ruthenocenophanes. Angewandte Chemie International Edition in English, 1994, 33, 989-991.	4.4	89
22	Dihydrogen Activation by B(p-C₆F₄H)₃ and Phosphines. Organometallics, 2010, 29, 3647-3654.	2.3	87
23	Very Soft Chemistry: Room Temperature Self-Assembly of (DABCOH)2Sn3S7, a Microporous Layered Tin(IV) Sulfide. Advanced Materials, 1998, 10, 42-46.	21.0	80
24	Asymmetric Hydrogenation of Ketones Catalyzed by Ruthenium Hydride Complexes of a Beta-aminophosphine Ligand Derived from Norephedrine. Organometallics, 2004, 23, 5524-5529.	2.3	80
25	Unsymmetrical Iron Pâ€NHâ€Pâ€² Catalysts for the Asymmetric Pressure Hydrogenation of Aryl Ketones. Chemistry - A European Journal, 2017, 23, 7212-7216.	3.3	80
26	Synthesis, Structure, and Properties of the Stable and Highly Acidic Dihydrogen Complextrans-[Os(Î·2-H2)(CH3CN)(dppe)2](BF4)2. Perspectives on the Influence of thetransLigand on the Chemistry of the Dihydrogen Ligand. Organometallics, 1996, 15, 2270-2278.	2.3	76
27	Condensation-Driven Assembly of Boron-Containing Bis(Heteroaryl) Motifs Using a Linchpin Approach. Organic Letters, 2015, 17, 5594-5597.	4.6	75
28	Dihydrogen Thiolate vs Hydride Thiol:Â Reactivity of the Series of Complexes MH(CO)(L)(PPh3)2(M = Ru,) Tj ETQq0 0 0 rgBT /Overlock 1 [Os(CO)(Î¼2-Spy)(SpyH)(PPh3)]2[BF4]2. Organometallics, 1996, 15, 4423-4436.	2.3	74
29	Thermal Ringâ€Opening Polymerization of Hydrocarbonâ€Bridged [2]Ferrocenophanes: Synthesis and Properties of Poly(ferrocenylethylene)s and Their Chargeâ€Transfer Polymer Salts with Tetracyanoethylene. Chemistry - A European Journal, 1997, 3, 573-584.	3.3	73
30	Generation of Highly Enantioselective Catalysts from the Pseudoenatiomeric Assembly of BINOL, F8BINOL, and Ti(OiPr)4. Journal of the American Chemical Society, 2001, 123, 3850-3851.	13.7	72
31	Tuning the Strain and Polymerizability of Organometallic Rings:Â The Synthesis, Structure, and Ring-Opening Polymerization Behavior of [2]Ferrocenophanes with Câ^'Si, Câ^'P, and Câ^'S Bridges. Journal of the American Chemical Society, 2001, 123, 2116-2126.	13.7	71
32	Details of the Mechanism of the Asymmetric Transfer Hydrogenation of Acetophenone Using the Amine(imine)diphosphine Iron Precatalyst: The Base Effect and The Enantiodetermining Step. ACS Catalysis, 2016, 6, 301-314.	11.2	66
33	Synthesis of Iron P-N-Pâ€² and P-NH-Pâ€² Asymmetric Hydrogenation Catalysts. Organometallics, 2014, 33, 6452-6465.	2.3	62
34	Use of the new ligand P(CH2CH2PCy2)3 in the synthesis of dihydrogen complexes of iron(II) and ruthenium(II). Organometallics, 1993, 12, 906-916.	2.3	61
35	Alkenylboronate Tethered Intramolecular Dielsâ^'Alder Reactions. Journal of the American Chemical Society, 1999, 121, 450-451.	13.7	61
36	Soluble Poly(ferrocenylenevinylene) with t-Butyl Substituents on the Cyclopentadienyl Ligands via Ring-Opening Metathesis Polymerization. Macromolecules, 2008, 41, 539-547.	4.8	58

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37	Template Syntheses of Iron(II) Complexes Containing Chiral Pâ^'Nâ^'Nâ^'P and Pâ^'Nâ^'N Ligands. Inorganic Chemistry, 2008, 47, 6587-6589.	4.0	54
38	Synthesis and Structure of the Chiral Dihydrogen Complextrans-[Ru(Î·2-H2)H(R,Râ€˜-Me-DuPHOS)2]PF6and the Dinitrogen Complextrans-[Ru(N2)H(R,Râ€˜-Me-DuPHOS)2]PF6(R,Râ€˜-Me-DuPHOS =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (	2.3	50
39	Enhanced electron mobility in crystalline thionated naphthalene diimides. Journal of Materials Chemistry C, 2015, 3, 11505-11515.	5.5	47
40	Synthesis and Structural Characterization of the First Copper(I) Complexes with Bis(imino)-N-heterocyclic Carbene NCN Pincer Ligands. Organometallics, 2010, 29, 3133-3138.	2.3	46
41	Spectroscopic and DFT Study of Ferraaziridine Complexes Formed in the Transfer Hydrogenation of Acetophenone Catalyzed Using trans-[Fe(CO)(NCMe)(PPh₂C₆H₄CHâ•NCH₂â^')₂]⁴. Organometallics, 2012, 31, 3056-3064.	2.3	46
42	Hydridic Rhenium Nitrosyl Complexes with Pincer-Type PNP Ligands. Organometallics, 2007, 26, 3509-3515.	2.3	45
43	Ligand effects on the structures of Rh6(CO)15L clusters. Dalton Transactions RSC, 2001, , 2015-2019.	2.3	43
44	Electroâ€Optic Modulation in Hybrid Metal Halide Perovskites. Advanced Materials, 2019, 31, e1808336.	21.0	42
45	Synthesis, Characterization, and Properties of Symmetrically Substituted, Ring-Opened Poly(ferrocenylalkoxy/aryloxysilanes). Macromolecules, 1998, 31, 5977-5983.	4.8	41
46	Organizing Chain Structures by Use of Protonâ^'Hydride Bonding. The Single-Crystal X-ray Diffraction Structures of [K(Q)][Os(H)5(PiPr3)2] and [K(Q)][Ir(H)4(PiPr3)2], Q = 18-Crown-6 and 1,10-Diaza-18-crown-6. Journal of the American Chemical Society, 1998, 120, 11826-11827.	13.7	41
47	Protonation Reactions oftrans-M(H)(SPh)(dppe)2(M = Ru, Os) To Give Thiol and Dihydrogen Complexes. X-ray Crystal Structure Determination oftrans-Ru(H)(SPh)(dppe)2andtrans-[Os(H)(O2)(dppe)2](O3SCF3). Inorganic Chemistry, 1998, 37, 1555-1562.	4.0	41
48	Amino Acid Chirality and Ferrocene Conformation Guided Selfâ€Assembly and Gelation of Ferroceneâ€“Peptide Conjugates. Chemistry - A European Journal, 2015, 21, 11560-11572.	3.3	40
49	Template Synthesis of Iron(II) Complexes Containing Tridentate Pâ^'Nâ^'S, Pâ^'Nâ^'P, Pâ^'Nâ^'N, and Tetradentate Pâ^'Nâ^'Nâ^'P Ligands. Inorganic Chemistry, 2010, 49, 1094-1102.	4.0	39
50	Rigid Conjugated Diamine Templates for Stable Dionâ€“Jacobson-Type Two-Dimensional Perovskites. Journal of the American Chemical Society, 2021, 143, 19901-19908.	13.7	39
51	Synthese und RingÃ¶ffnungspolymerisation hochgespannter [2]Ruthenocenophane. Angewandte Chemie, 1994, 106, 1019-1021.	2.0	38
52	A Mechanistic Study of Halogen Addition and Photoelimination from Ï€-Conjugated Tellurophenes. Journal of the American Chemical Society, 2016, 138, 2678-2689.	13.7	38
53	Synthesis, structure and polymerization behaviour of borane adducts of a phosphorus-bridged [1]ferrocenophane, [(Î·-C5H4)2FePPh]. New Journal of Chemistry, 2000, 24, 447-453.	2.8	37
54	Observations regarding the crystal structures of non-halogenated phenoxyboronsubphthalocyanines having para substituents on the phenoxy group. CrystEngComm, 2011, 13, 914-919.	2.6	37

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55	Synthesis, structural and conformational analysis of a 3 Ã— 3 isomer grid based on nine methyl-N-(pyridyl)benzamides. CrystEngComm, 2010, 12, 3080.	2.6	35
56	Contrasting the Reactivity of Ethylene and Propylene with P/Al and P/B Frustrated Lewis Pairs. Organometallics, 2013, 32, 6759-6763.	2.3	35
57	Enantioselective Hydrogenation of Activated Aryl Imines Catalyzed by an Iron(II) P-NH-Pâ€² Complex. Journal of Organic Chemistry, 2019, 84, 12040-12049.	3.2	35
58	The First Sulfur(VI)â€“Nitrogenâ€“Phosphorus Macrocycles. Angewandte Chemie International Edition in English, 1995, 34, 998-1001.	4.4	33
59	Synthese und Struktur des ersten [1]Ferrocenophans mit Schwefel als BrÃ¼ckenatom. Angewandte Chemie, 1995, 107, 1633-1635.	2.0	32
60	Reaction of a Stable Silylene with Divalent Group 14 Compounds. European Journal of Inorganic Chemistry, 1998, 1998, 1067-1070.	2.0	31
61	The mixed alloyed chemical composition of chloro-(chloro)_n-boron subnaphthalocyanines dictates their physical properties and performance in organic photovoltaic devices. Journal of Materials Chemistry A, 2016, 4, 9566-9577.	10.3	31
62	From imine to amine: an unexpected left turn. Cis-Î² iron(<scp>ii</scp>) PNNPâ€² precatalysts for the asymmetric transfer hydrogenation of acetophenone. Chemical Science, 2017, 8, 6531-6541.	7.4	31
63	Synthesis and properties of iron-group hydrido-cyano complexes trans-[MH(CN)(L)2], Mâ€…=â€…Fe, Ru or Os, Lâ€…=â€…diphosphine, and their hydrogen, trifluoroboron and triphenylboron isocyanide derivatives of the type trans-[MH(CNH)(L)2]O3SCF3, trans-[MH(CNBX3)(L)2], Xâ€…=â€…F or Ph, and trans-[M(H2)(CNBF3)(dppp)2]BF4 [dpppâ€…=â€…Ph2P(CH2)3PPh2]. Dalton Transactions RSC, 2000, , 3591-3602.	2.3	30
64	A role for Ï€â€“Br interactions in the solid-state molecular packing of para-halo-phenoxy-boronsubphthalocyanines. CrystEngComm, 2011, 13, 3653.	2.6	30
65	Synthesis and novel reactivity of platinum phosphineâ€“borane complexes trans-[PtH(PPhRÂ·BH3)(PEt3)2] (R = H, Ph). Chemical Communications, 2000, , 1041-1042.	4.1	29
66	Crystal and Solid-State Arrangement Trends of Halogenated Boron Subphthalocyanines. Crystal Growth and Design, 2014, 14, 2138-2147.	3.0	29
67	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. Journal of Organic Chemistry, 1999, 64, 5876-5885.	3.2	26
68	Synthesis and Structure of a Hypercoordinate Silicon-Bridged [1]Ferrocenophane. Organometallics, 2000, 19, 2826-2828.	2.3	26
69	Eight rare earth metal organic frameworks and coordination polymers from 2-nitroterephthlate: syntheses, structures, solid-state luminescence and an unprecedented topology. New Journal of Chemistry, 2016, 40, 7338-7349.	2.8	23
70	Redetermination of the crystal structure of boron subphthalocyanine chloride (Cl-BsubPc) enabled by slow train sublimation. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 297-307.	0.5	23
71	Preparation of chiral Î±-monofluoroalkylphosphonic acids and their evaluation as inhibitors of protein tyrosine phosphatase 1B. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1271-1281.	1.3	22
72	New cyclic phosphonium salts derived from the reaction of phosphine-aldehydes with acid. Journal of Organometallic Chemistry, 2010, 695, 1824-1830.	1.8	22

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73	A Ferroceneâ€“Tryptophan Conjugate: The Role of the Indolic Nitrogen in Supramolecular Assembly. ChemPlusChem, 2017, 82, 1282-1289.	2.8	22
74	Iridium and Rhodium Complexes Containing Enantiopure Primary Amine-Tethered N-Heterocyclic Carbenes: Synthesis, Characterization, Reactivity, and Catalytic Asymmetric Hydrogenation of Ketones. Organometallics, 2018, 37, 491-504.	2.3	22
75	Chelation Kinetics of Bidentate Phosphine Ligands on Pentacoordinate Ruthenium Carbonyl Complexes. Organometallics, 2000, 19, 3674-3682.	2.3	20
76	Wurtz Coupling of Perfluorinated Dichlorostannanes. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 544-553.	3.7	20
77	Halogen bonds can direct the solid state arrangement of phenoxyâ€“boron subphthalocyanines. CrystEngComm, 2013, 15, 3187.	2.6	20
78	UV-Curable Contact Active Benzophenone Terminated Quaternary Ammonium Antimicrobials for Applications in Polymer Plastics and Related Devices. ACS Applied Materials & Interfaces, 2017, 9, 27491-27503.	8.0	20
79	A novel and convenient route to ring-opened poly(ferrocenylsilanes) with alkoxy, aryloxy, and amino substituents at silicon. Macromolecular Rapid Communications, 1997, 18, 953-959.	3.9	19
80	Simple Modular Synthetic Approaches to Asymmetric NNâ€²Nâ€²â€², NNâ€²C, or NNâ€²P-Type Amido Pincer Ligands: Synthesis, Characterisation, and Preliminary Ligation Studies. Synthesis, 2016, 48, 2121-2129.	2.3	19
81	[{ReH2(PMePh2)2}2(Î¼-H)3]-:â€‰ The First Member of a New Class of Anionic Polyhydride Dimers [Re2H7L4]-. Inorganic Chemistry, 2001, 40, 2480-2481.	4.0	18
82	Experimental and Theoretical Studies of the Potential Interconversion of the Amineâ€“Borane iPr₂NHÂ·BH(C₆F₅)₂ and the Aminoborane iPr₂N=B(C₆F₅)₂ Involving Hydrogen Loss and Uptake. European Journal of Inorganic Chemistry, 2011, 2011, 5279-5287.	2.0	18
83	Exploring the decomposition pathways of iron asymmetric transfer hydrogenation catalysts. Dalton Transactions, 2015, 44, 12119-12127.	3.3	18
84	The influence of strong and weak hydrogen bonds on the solid state arrangement of hydroxy-containing boron subphthalocyanines. CrystEngComm, 2013, 15, 8578.	2.6	17
85	Reduction of C,O-chelated organotin(IV) dichlorides and dihydrides leading to protected polystannanes. Journal of Organometallic Chemistry, 2015, 776, 180-191.	1.8	17
86	Spin-crossover in a homoleptic cobalt(<scp>ii</scp>) complex containing a redox-active NNO ligand. Journal of Materials Chemistry C, 2016, 4, 455-459.	5.5	17
87	Structures and conformational analysis of a 3 Ã— 3 isomer grid of nine N-(fluorophenyl)pyridinecarboxamides. CrystEngComm, 2011, 13, 1899-1909.	2.6	16
88	Preparation of (Z)-1,2-dichloroalkenes from terminal alkynes. Canadian Journal of Chemistry, 2012, 90, 625-630.	1.1	15
89	Proof of Concept Studies Directed Towards Designed Molecular Wires: Propertyâ€Driven Synthesis of Air and Moistureâ€Stable Polystannanes. Chemistry - A European Journal, 2017, 23, 14367-14374.	3.3	14
90	Evaluation of an external initiating Ni(<scp>ii</scp>) diimine catalyst for electron-deficient Ï€-conjugated polymers. Polymer Chemistry, 2017, 8, 4108-4113.	3.9	14

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91	Halogen bonding and Ï€âˆ“Ï€ interactions in the solid-state structure of a butadiynylene-linked bis(iodoperfluoroarene). CrystEngComm, 2013, 15, 3097.	2.6	13
92	Amido-pincer complexes of Cu(II): Synthesis, coordination chemistry and applications in catalysis. Journal of Organometallic Chemistry, 2017, 845, 107-114.	1.8	13
93	Polynuclear Cu₄L₄ Copper(II) Aminyl Radical Coordination Complexes. Inorganic Chemistry, 2018, 57, 4837-4840.	4.0	13
94	Permanently porous hydrogen-bonded frameworks of rod-like thiophenes, selenophenes, and tellurophenes capped with MIDA boronates. Dalton Transactions, 2016, 45, 9754-9757.	3.3	12
95	Dechlorinated Analogues of Dechlorane Plus. Environmental Science & Technology, 2018, 52, 5619-5624.	10.0	12
96	PNNâ€² & P₂NNâ€² ligands via reductive amination with phosphine aldehydes: synthesis and base-metal coordination chemistry. Dalton Transactions, 2019, 48, 2150-2159.	3.3	12
97	Synthesis, characterization and thermolysis of phosphiniteâ€“borane adducts: investigation of an unusual thermally-induced phenol elimination reaction. Dalton Transactions RSC, 2002, , 2966-2972.	2.3	11
98	Tautomerism and metal complexation of 2-acylmethyl-2-oxazolines: a combined synthetic, spectroscopic, crystallographic and theoretical treatment. Organic and Biomolecular Chemistry, 2013, 11, 3484.	2.8	11
99	Metal coordination of ferroceneâ€“histidine conjugates. Dalton Transactions, 2017, 46, 4844-4859.	3.3	11
100	Molecular lemmings: strategies to avoid when designing BODIPY ferrocene dyads for dye-sensitized solar cell applications. Dalton Transactions, 2018, 47, 4916-4920.	3.3	11
101	Confirmation of the Structure of Transâ€Cyclic Azobenzene by Xâ€Ray Crystallography and Spectroscopic Characterization of Cyclic Azobenzene Analogs. ChemistrySelect, 2018, 3, 2697-2701.	1.5	11
102	Reversible Solution Ï€â€Dimerization and Long Multicenter Bonding in a Stable Phenoxyl Radical. Chemistry - A European Journal, 2018, 24, 14906-14910.	3.3	11
103	Hypercoordinated organotin(IV) compounds containing C,O- and C,N- chelating ligands: Synthesis, characterisation, DFT studies and polymerization behaviour. Journal of Organometallic Chemistry, 2019, 900, 120910.	1.8	10
104	Synthesis and Biochemical Evaluation of Nicotinamide Derivatives as NADH Analogue Coenzymes in Ene Reductase. ChemBioChem, 2019, 20, 838-845.	2.6	10
105	Hydrogen Bond Assisted <scp>l</scp> to <scp>d</scp> Conversion of Î±â€Amino Acids. Angewandte Chemie - International Edition, 2020, 59, 4335-4339.	13.8	10
106	Synthesis and structure of a hexaazamacrocyclic copper(II) complex with maleato ligand. Journal of Chemical Crystallography, 2005, 35, 535-539.	1.1	8
107	Isolation and Crystal Structure of [Cu(L1)(O2CH)](ClO4)ÂÂ·ÂH2O: Hydrolysis of DMF (N,N-Dimethylformamide) by a Copper(II) Tetraazamacrocycle. Journal of Chemical Crystallography, 2007, 37, 615-618.	1.1	8
108	Binding of zinc(II) macrocycles toward carboxylate ligands. Transition Metal Chemistry, 2010, 35, 41-47.	1.4	8

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109	Alternative Synthetic Methods for PEPPSI-Type Palladium Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 3600-3607.	2.0	8
110	Synthesis and Characterization of Readily Modified Poly(aryl)(alkoxy)stannanes by use of Hypercoordinated Sn Monomers. Chemistry - A European Journal, 2018, 24, 18762-18771.	3.3	8
111	â€œPushâ€“push and pushâ€“pullâ€•polystannanes. Dalton Transactions, 2018, 47, 14094-14100.	3.3	8
112	Synthesis and characterisation of Î²²-N,O-oxazoline-enolate complexes of nickel(<scp>ii</scp>): explorations in coordination chemistry and metal-mediated polymerisation. RSC Advances, 2019, 9, 3956-3964.	3.6	8
113	BODIPY-phenylacetylene macrocycle motifs for enhanced light-harvesting and energy transfer applications. RSC Advances, 2015, 5, 57490-57492.	3.6	7
114	Crystal structures of bis(phenoxy)silicon phthalocyanines: increasing Ï€â€“Ï€ interactions, solubility and disorder and no halogen bonding observed. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 988-994.	0.5	7
115	Ligand mixed-valence and electrical conductivity in coordination complexes containing a redox-active phenalenol-substituted ligand. Dalton Transactions, 2019, 48, 8053-8056.	3.3	7
116	Boramidine: A Versatile Structural Motif for the Design of Fluorescent Heterocycles. Journal of the American Chemical Society, 2020, 142, 13544-13549.	13.7	7
117	Die ersten Schwefel(<scp>VI</scp>)â€Stickstoffâ€Phosphorâ€Makrocyclen. Angewandte Chemie, 1995, 107, 1079-1081.	2.0	6
118	Synthesis, characterization and single crystal structures of one-dimensional coordination polymers formed with [Ni(L)]Â·2ClO4 and polycarboxylate ligands. Transition Metal Chemistry, 2006, 31, 829-833.	1.4	6
119	The Crystal and Molecular Structure of (2Z)-2-[3-(4-Methoxybenzoyl)-4,4-dimethyl-1,2-oxazolidin-2-ylidene]-1-(4-methoxyphenyl)ethanone. Crystals, 2011, 1, 229-235.	2.2	6
120	Managing nucleophilic addition reactions to tune the physical properties of 2-substituted pentamethylBODIPY derivatives. RSC Advances, 2017, 7, 8922-8926.	3.6	6
121	Versatile Synthesis of Siloxy Silicon Tetrabenzotriazacorroles and Insight into the Mode of Macrocycle Formation. Inorganic Chemistry, 2018, 57, 5174-5182.	4.0	6
122	An Approach to the 9-Oxo-10-oxabicyclo[5.3.0]dec-2-ene Core of the Guaianolide and Pseudoguaianolide Sesquiterpenes via a Domino Electrocyclic Ring-Opening/Carboxylic Acid Trapping of a gem-Dibromocyclopropane. Journal of Organic Chemistry, 2018, 83, 13799-13810.	3.2	6
123	Enhanced analytical and physical characterization of mixtures of random bay-position brominated boron subnaphthalocyanines enabled by establishing a partial separation method. New Journal of Chemistry, 2021, 45, 5791-5807.	2.8	6
124	The Pyrolysis of Poly(Ferrocenylsilanes): Metal Containing Ceramics and Small Molecules. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 93, 359-360.	1.6	5
125	Crystallographic report: Coordination polymers containing Cd(NO3)2 and Cd(H2O)22+ units bridged by btp ligands(btp= 2,6-bis(Nâ€²-1,2,4-triazolyl)pyridine). Applied Organometallic Chemistry, 2004, 18, 497-498.	3.5	5
126	(N,N-Diethyldithiocarbamato-Î²2 S,Sâ€²)bis(1,10-phenanthroline)sodium(I). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m833-m835.	0.2	5

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127	Synthesis and crystal structures of nickel(II) supramolecules containing hexaazamacrocycles and aromatic carboxylate ligands. Journal of Coordination Chemistry, 2010, 63, 2069-2078.	2.2	5
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