

# Gary S Nichol

## List of Publications by Year in descending order

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212  
papers

4,506  
citations

117625

34  
h-index

168389

53  
g-index

220  
all docs

220  
docs citations

220  
times ranked

5663  
citing authors

#	ARTICLE	IF	CITATIONS
1	How much do van der Waals dispersion forces contribute to molecular recognition in solution?. <i>Nature Chemistry</i> , 2013, 5, 1006-1010.	13.6	250
2	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. <i>Chemical Communications</i> , 2012, 48, 7592.	4.1	147
3	Maximizing Coordination Capsule-Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15022-15026.	13.8	136
4	Oxo-Functionalization and Reduction of the Uranyl Ion through Lanthanide-Element Bond Homolysis: Synthetic, Structural, and Bonding Analysis of a Series of Singly Reduced Uranyl-Rare Earth $5f^{n-1}4f^{n-1}$ Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3841-3854.	13.7	107
5	Orthogonal Selection and Fixing of Coordination Self-Assembly Pathways for Robust Metallo-organic Ensemble Construction. <i>Journal of the American Chemical Society</i> , 2016, 138, 9308-9315.	13.7	102
6	Classical and Weak Hydrogen Bonding Interactions between 4,4'-Bipyridine and Organic Acids: From Co-Crystal to Organic Complex. <i>Crystal Growth and Design</i> , 2009, 9, 1844-1850.	3.0	98
7	Visualizing Kinetically Robust $Co^{III}L_6$ Assemblies <i>in Vivo</i> : SPECT Imaging of the Encapsulated $[^{99m}TcO_4]^{-}$ Anion. <i>Journal of the American Chemical Society</i> , 2018, 140, 16877-16881.	13.7	82
8	Markovnikov-Selective, Activator-Free Iron-Catalyzed Vinylarene Hydroboration. <i>ACS Catalysis</i> , 2016, 6, 7217-7221.	11.2	79
9	Adducts of europium $\hat{I}^2$ -diketonates with nitrogen $p, \hat{p}^2$ -disubstituted bipyridine and phenanthroline ligands: Synthesis, structural characterization, and luminescence studies. <i>Inorganica Chimica Acta</i> , 2007, 360, 3543-3552.	2.4	69
10	Electronic and geometric effects of phosphatriazaadamantane ligands on the catalytic activity of an $[FeFe]$ hydrogenase inspired complex. <i>Dalton Transactions</i> , 2010, 39, 3050-3056.	3.3	66
11	The Energetic Significance of Metallophilic Interactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12617-12623.	13.8	65
12	Amine-Activated Iron Catalysis: Air- and Moisture-Stable Alkene and Alkyne Hydrofunctionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2404-2409.	4.3	63
13	The Importance of Weak $C\cdots H\cdots O$ Bonds and $\pi\cdots\pi$ Stacking Interactions in the Formation of Organic 1,8-Bis(dimethylamino)naphthalene Complexes with $Z^{2+}$ . <i>Crystal Growth and Design</i> , 2006, 6, 451-460.	3.0	61
14	Further thoughts on crystal structures with $Z^{2+}$ : analysis of single-crystal structures determined using X-ray synchrotron and neutron radiation in the Cambridge Structural Database. <i>CrystEngComm</i> , 2007, 9, 959.	2.6	60
15	Single Component Iron Catalysts for Atom Transfer and Organometallic Mediated Radical Polymerizations: Mechanistic Studies and Reaction Scope. <i>Macromolecules</i> , 2014, 47, 1249-1257.	4.8	57
16	Non-equilibrium cobalt(III) $\hat{c}$ -capsules. <i>Chemical Science</i> , 2015, 6, 756-760.	7.4	57
17	Hydrolytic synthesis and structural characterization of lanthanide-acetylacetonato/hydroxo cluster complexes - A systematic study. <i>Dalton Transactions</i> , 2011, 40, 1041-1046.	3.3	53
18	New Chemistry from an Old Reagent: Mono- and Dinuclear Macrocyclic Uranium(III) Complexes from $[U(BH_4)_3(THF)_2]$ . <i>Journal of the American Chemical Society</i> , 2014, 136, 10218-10221.	13.7	53

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19	Carbon monoxide and carbon dioxide insertion chemistry of f-block N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2013, 42, 1333-1337.	3.3	51
20	Control of Oxo-Group Functionalization and Reduction of the Uranyl Ion. <i>Inorganic Chemistry</i> , 2015, 54, 3702-3710.	4.0	51
21	Maximizing Coordination Capsule's Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie</i> , 2016, 128, 15246-15250.	2.0	51
22	Total synthesis of brevianamide A. <i>Nature Chemistry</i> , 2020, 12, 615-619.	13.6	51
23	Neighboring Amide Participation in Thioether Oxidation: Relevance to Biological Oxidation. <i>Journal of the American Chemical Society</i> , 2009, 131, 13791-13805.	13.7	47
24	Enantioselective Nickel-Catalyzed Hydrocyanation using Chiral Phosphine-Phosphite Ligands: Recent Improvements and Insights. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3317-3320.	4.3	47
25	[Cr <sup>III</sup> <sub>8</sub> M <sup>II</sup> <sub>6</sub> ] <sup>12+</sup> Coordination Cubes (M <sup>II</sup> =Cu, Co). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.	13.8	42
26	A variable-temperature study of a phase transition in barbituric acid dihydrate. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 464-472.	1.8	40
27	Catalytic one-electron reduction of uranyl( <sup>vi</sup> ) to Group 1 uranyl( <sup>v</sup> ) complexes via Al( <sup>iii</sup> ) coordination. <i>Chemical Communications</i> , 2015, 51, 5876-5879.	4.1	40
28	Models of the Cytochromes: Crystal Structures and EPR Spectral Characterization of Low-Spin Bis-Imidazole Complexes of (OETPP)Fe <sup>III</sup> Having Intermediate Ligand Plane Dihedral Angles. <i>Inorganic Chemistry</i> , 2006, 45, 5417-5428.	4.0	38
29	Enantioselective organocatalytic $\hat{\pm}$ -sulfenylation of substituted diketopiperazines. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2742-2750.	1.8	38
30	Phosphaborenes: Accessible Reagents for the Synthesis of C <sup>+</sup> /P <sup>+</sup> B Isosteres. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9953-9957.	13.8	38
31	Monomers and Polymers of Tripalladium(0) Ditropylum Halides. <i>Inorganic Chemistry</i> , 2009, 48, 2708-2710.	4.0	37
32	Cyclic Voltammetric Studies of Chlorine-Substituted Diiron Benzenedithiolato Hexacarbonyl Electrocatalysts Inspired by the [FeFe]-Hydrogenase Active Site. <i>Organometallics</i> , 2012, 31, 8067-8070.	2.3	37
33	CO <sub>2</sub> as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd <sub>6</sub> Cu <sub>3</sub> ] tridiminished icosahedron. <i>Chemical Communications</i> , 2014, 50, 3498-3500.	4.1	37
34	Design, Synthesis, and Evaluation of 1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic Acid Derived, Redox-Sensitive Contrast Agents for Magnetic Resonance Imaging. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6747-6757.	6.4	34
35	On the synthesis of 1,4,7-tris(tert-butoxycarbonylmethyl)-1,4,7,10-tetraazacyclododecane. <i>Tetrahedron Letters</i> , 2011, 52, 2058-2061.	1.4	34
36	Extending lead-free hybrid photovoltaic materials to new structures: thiazolium, aminothiazolium and imidazolium iodobismuthates. <i>Dalton Transactions</i> , 2018, 47, 7050-7058.	3.3	34

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37	From antiferromagnetic to ferromagnetic exchange in a family of oxime-based MnIII dimers: a magneto-structural study. <i>Dalton Transactions</i> , 2013, 42, 16510.	3.3	33
38	Photoelectron spectroscopy of dithiolatodiironhexacarbonyl models for the active site of [Fe $\mu$ -Fe] hydrogenases: Insight into the reorganization energy of the $\mu$ -rotated structure in the enzyme. <i>Journal of Molecular Structure</i> , 2008, 890, 281-288.	3.6	32
39	Structural and spectroscopic properties of trans-dichlorobis(2,2-dimethyl-1,3-diaminopropane)chromium(III) chloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 796-801.	3.9	30
40	Total Synthesis of ( $\alpha$ )-Angiopterlactone B. <i>Organic Letters</i> , 2017, 19, 2199-2201.	4.6	30
41	Stable Fe(III) phenoxyimines as selective and robust CO <sub>2</sub> /epoxide coupling catalysts. <i>Dalton Transactions</i> , 2018, 47, 13106-13112.	3.3	30
42	Intercepting the Disilene $\rightleftharpoons$ Silylsilylene Equilibrium. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1329-1333.	13.8	30
43	Borane-Catalyzed C(sp <sup>3</sup> ) $\rightarrow$ F Bond Arylation and Esterification Enabled by Transborylation. <i>ACS Catalysis</i> , 2021, 11, 3190-3197.	11.2	30
44	Reversible Dissociation of a Dialumene**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24702-24708.	13.8	30
45	Enantioselective Synthesis of anti- $\beta^2$ -Substituted $\beta^3, \beta^1$ -Unsaturated Amino Acids: A Highly Selective Asymmetric Thio-Claisen Rearrangement. <i>Organic Letters</i> , 2008, 10, 4105-4108.	4.6	29
46	Interactions of Arenes and Thioethers Resulting in Facilitated Oxidation. <i>Organic Letters</i> , 2009, 11, 397-400.	4.6	29
47	Double uranium oxo cations derived from uranyl by borane or silane reduction. <i>Chemical Communications</i> , 2018, 54, 3839-3842.	4.1	29
48	Differential uranyl(V) oxo-group bonding between the uranium and metal cations from groups 1, 2, 4, and 12; a high energy resolution X-ray absorption, computational, and synthetic study. <i>Chemical Science</i> , 2019, 10, 9740-9751.	7.4	29
49	Ultraporous Polymers of Intrinsic Microporosity Containing Spirocyclic Units with Fused Triptycenes. <i>Advanced Functional Materials</i> , 2021, 31, 2104474.	14.9	29
50	Efficient organocatalytic $\beta$ -sulfonylation of substituted piperazine-2,5-diones. <i>Tetrahedron Letters</i> , 2009, 50, 4310-4313.	1.4	28
51	Anion Receptor Design: Exploiting Outer-Sphere Coordination Chemistry To Obtain High Selectivity for Chloridometalates over Chloride. <i>Inorganic Chemistry</i> , 2015, 54, 8685-8692.	4.0	28
52	Thio-Claisen Rearrangement Used in Preparing Anti- $\beta^2$ -Functionalized $\beta^3, \beta^1$ -Unsaturated Amino Acids: Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2012, 77, 1289-1300.	3.2	27
53	Planar Ni(II), Cu(II) and Co(II) tetraaza[14]annulenes: structural, electronic and magnetic properties and application to field effect transistors. <i>Journal of Materials Chemistry</i> , 2012, 22, 17967.	6.7	27
54	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [LnIII <sub>6</sub> ZnII <sub>2</sub> ] cages. <i>Dalton Transactions</i> , 2015, 44, 10315-10320.	3.3	27

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55	Correlations between photophysical and electrochemical properties for a series of new Mn carbonyl complexes containing substituted phenanthroline ligands. <i>Inorganica Chimica Acta</i> , 2015, 427, 22-26.	2.4	27
56	Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium( $\text{III}$ ) borohydride complexes. <i>Chemical Science</i> , 2017, 8, 3609-3617.	7.4	27
57	Effect of torsional twist on 2nd order non-linear optical activity of anthracene and pyrene tricyanofuran derivatives. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23404-23411.	2.8	26
58	Reversible Reductive Elimination in Aluminum(II) Dihydrides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2047-2052.	13.8	26
59	Manganese-Catalyzed $\text{C}(\text{sp}^2)\text{-H}$ Borylation of Furan and Thiophene Derivatives. <i>ACS Catalysis</i> , 2021, 11, 6857-6864.	11.2	26
60	Effect of Pnictogen Ligand Substitution on a Tripalladium Ditropylium Core. <i>Inorganic Chemistry</i> , 2010, 49, 4307-4312.	4.0	25
61	Effect of alkyl chain length on the properties of triphenylamine-based hole transport materials and their performance in perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1252-1260.	2.8	25
62	Reconciling Electrostatic and $\text{n}^2\text{-}\pi^*$ Orbital Contributions in Carbonyl Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14602-14608.	13.8	25
63	Synthesis and biological evaluation of new opioid agonist and neurokinin-1 antagonist bivalent ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6135-6142.	3.0	24
64	Arene-ligated heteroleptic terphenolate complexes of thorium. <i>Dalton Transactions</i> , 2014, 43, 17416-17421.	3.3	24
65	Phosphaborenes: Accessible Reagents for the Synthesis of $\text{C}^13/\text{P}^15\text{B}$ Isosteres. <i>Angewandte Chemie</i> , 2017, 129, 10085-10089.	2.0	24
66	An $[\text{Fe}^{\text{III}}\text{O}_4]$ Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16903-16906.	13.8	24
67	Neighboring Pyrrolidine Amide Participation in Thioether Oxidation. Methionine as a $\alpha$ -Hopping Site. <i>Organic Letters</i> , 2011, 13, 2837-2839.	4.6	23
68	Directed secondary interactions in transition metal complexes of tripodal pyrrole imine and amide ligands. <i>Dalton Transactions</i> , 2012, 41, 5785.	3.3	23
69	A new polymorph of metacetamol. <i>CrystEngComm</i> , 2015, 17, 6183-6192.	2.6	23
70	Enhanced N-directed electrophilic $\text{C}^13\text{-H}$ borylation generates $\text{BN}^15$ -[5]- and [6]helicenes with improved photophysical properties. <i>Chemical Science</i> , 2022, 13, 1136-1145.	7.4	23
71	Cluster Carbonyls of the $[\text{Re}_6(\text{I}^{1/3}\text{-Se})_8]^{2+}$ Core. <i>Inorganic Chemistry</i> , 2007, 46, 8436-8438.	4.0	22
72	Cluster carbonyls of the $[\text{Re}_6(\text{I}^{1/3}\text{-Se})_8]^{2+}$ core: synthesis, structural characterization, and computational analysis. <i>Dalton Transactions</i> , 2008, , 4247.	3.3	22

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73	Structural effects upon the durability of hydrogenase-inspired hydrogen-producing electrocatalysts: Variations in the (1/4-edt) [Fe <sub>2</sub> (CO) <sub>6</sub> ] system. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 9-13.	1.8	22
74	Combining alkali metals and zinc to harness heterometallic cooperativity in cyclic ester ring-opening polymerisation. <i>Chemical Science</i> , 2020, 11, 11785-11790.	7.4	22
75	Characterization of the Zwitterionic Intermediate in 1,1-Carboboration of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12731-12735.	13.8	22
76	Exploiting host-guest chemistry to manipulate magnetic interactions in metallocene tetrahedral cages. <i>Chemical Science</i> , 2021, 12, 5134-5142.	7.4	22
77	The Phospha-Bora-Wittig Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 14065-14070.	13.7	22
78	Classical hydrogen bonding and weaker C-H...O interactions in complexes of uracil-5-carboxylic acid with the alkali metals Na-Cs. <i>Polyhedron</i> , 2006, 25, 1043-1056.	2.2	20
79	Synthesis and investigations of double-pharmacophore ligands for treatment of chronic and neuropathic pain. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5044-5053.	3.0	20
80	Framework Solids Possessing Both Hydrophobic and Hydrophilic Pores Constructed by Face-Sharing Keplerate-Type Heterometal-Organic Polyhedra. <i>Chemistry - A European Journal</i> , 2010, 16, 5292-5296.	3.3	20
81	Concise preparation of novel tricyclic chemotypes: fused hydantoin-benzodiazepines. <i>Tetrahedron Letters</i> , 2010, 51, 4689-4692.	1.4	20
82	Aluminium-mediated carbon-carbon coupling of an isonitrile. <i>Chemical Communications</i> , 2018, 54, 378-380.	4.1	20
83	Redox Chemistry of Noninnocent Quinones Annulated to 2Fe <sub>2</sub> S Cores. <i>Organometallics</i> , 2013, 32, 6605-6612.	2.3	19
84	Switching the orientation of Jahn-Teller axes in oxime-based Mn <sup>III</sup> dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2015, 44, 19805-19811.	3.3	19
85	Zinc catalysed electrophilic C-H borylation of heteroarenes. <i>Chemical Science</i> , 2021, 12, 8190-8198.	7.4	19
86	Stoichiometry-dependent structures: an X-ray and neutron single-crystal diffraction study of the effect of reaction stoichiometry on the crystalline products formed in the potassium-cyanurate system. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 798-807.	1.8	18
87	N-Heterocyclic Carbene Complexes of Rhodium and Iridium: Steric Effects on Molecular Conformation. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4320-4328.	2.0	18
88	Geometrically Specific Imino Complexes of the [Re <sub>6</sub> (μ <sub>3</sub> -Se) <sub>8</sub> ] <sup>2+</sup> Core-Containing Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 580-587.	3.3	18
89	Applications of ortho-phenylisocyanide and ortho-N-Boc aniline for the two-step preparation of novel bis-heterocyclic chemotypes. <i>Molecular Diversity</i> , 2012, 16, 607-612.	3.9	18
90	Catalytic Activity and Fluxional Behavior of Complexes Based on RuHCl(CO)(PPh <sub>3</sub> ) <sub>3</sub> and Xantphos-Type Ligands. <i>Organometallics</i> , 2014, 33, 2798-2805.	2.3	18

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91	Iron(III) Half Salen Catalysts for Atom Transfer Radical and Ring-Opening Polymerizations. ACS Omega, 2018, 3, 16945-16953.	3.5	18
92	Electron rich salen-AlCl catalysts as efficient initiators for the ring-opening polymerisation of rac-lactide. European Polymer Journal, 2019, 119, 507-513.	5.4	18
93	Thiourea Bismuth Iodide: Crystal Structure, Characterization and High Performance as an Electrode Material for Supercapacitors. Batteries and Supercaps, 2019, 2, 568-575.	4.7	18
94	Synthesis and Structure of <i>m</i> -Terphenyl Thio-, Seleno-, and Telluroethers. Journal of Organic Chemistry, 2010, 75, 8363-8371.	3.2	17
95	Pressure- and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn-Teller switching in a Cu-based framework. Chemical Science, 2020, 11, 8793-8799.	7.4	17
96	Aluminium-Catalyzed C(sp) <sup>3</sup> -H Borylation of Alkynes. Angewandte Chemie - International Edition, 2021, 60, 20672-20677.	13.8	17
97	Cluster-Bound Nitriles Do Not Click with Organic Azides: Unexpected Formation of Imino Complexes of the [Re <sub>6</sub> (μ <sub>3</sub> -Se) <sub>8</sub> ] <sup>2+</sup> Core-Containing Clusters. Inorganic Chemistry, 2010, 49, 380-382.	4.0	16
98	Bio-inspired Domino oxa-Michael/Diels-Alder/oxa-Michael Dimerization of para -Quinols. Angewandte Chemie - International Edition, 2018, 57, 6198-6202.	13.8	16
99	Dissecting Solvent Effects on Hydrogen Bonding. Angewandte Chemie - International Edition, 2022, 61, .	13.8	16
100	New trimetallic sandwich complexes of platinum(0) and palladium(0). Journal of Organometallic Chemistry, 2012, 713, 217-221.	1.8	15
101	Synthesis and structures of transition metal pacman complexes of heteroditopic Schiff-base pyrrole macrocycles. Dalton Transactions, 2012, 41, 13815.	3.3	14
102	Hydrazine-mediated cyclization of Ugi products to synthesize novel 3-hydroxypyrazoles. Tetrahedron Letters, 2012, 53, 2592-2594.	1.4	14
103	[Fe <sub>15</sub> ]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.	4.1	14
104	Total Synthesis of a Dimeric Thymol Derivative Isolated from <i>Arnica sachalinensis</i> . Angewandte Chemie - International Edition, 2017, 56, 6813-6817.	13.8	13
105	Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. Dalton Transactions, 2017, 46, 7159-7168.	3.3	13
106	Zn(II) and Cu(II) Complexes with the Cluster-based Ligand [Re <sub>6</sub> (μ <sub>3</sub> -Se) <sub>8</sub> (PEt <sub>3</sub> ) <sub>5</sub> (PTA)](SbF <sub>6</sub> ) <sub>2</sub> (PTAA=1,3,5-Triaza-7-phosphaadamantane). Journal of Cluster Science, 2009, 20, 93-103.	3.3	12
107	[2-Butyl-4-(4- <i>tert</i> -butylbenzyl)-1,2,4-triazol-3-ylidene]chlorido[(1,2,5,6- <i>η</i> )-cycloocta-1,5-diene]iridium(I). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m158-m159.	0.2	12
108	Order in disorder: solution and solid-state studies of [MIII <sub>2</sub> MII <sub>5</sub> ] wheels (M <sup>III</sup> = Cr, Al); Tj ETQqO 0 0 rgBT/Overlock 10 Tf 50	3.3	12

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109	Flexible Coordination of N,P-Donor Ligands in Aluminum Dimethyl and Dihydride Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 11439-11448.	4.0	12
110	Reversible Reductive Elimination in Aluminum(II) Dihydrides. <i>Angewandte Chemie</i> , 2021, 133, 2075-2080.	2.0	12
111	[(1,2,5,6- $\eta$ )-1,5-Cyclooctadiene](1-isopropyl-3-methylimidazolin-2-ylidene)(triphenylphosphine)iridium(I) tetrafluoridoborate dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1114-m1114.	0.2	11
112	Insertion and Substitution Chemistry at the Boron Fourth Position in Charge-Neutral Zwitterionic Tripodal Tris(methimazolyl)borate Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3677-3689.	4.0	11
113	Synthesis, spectroscopic characterization and crystal structure of novel NNNN-donor $\frac{1}{4}$ -bis(bidentate) tetraaza acyclic Schiff base ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 396-404.	3.9	11
114	Cages on a plane: a structural matrix for molecular $\pi$ -sheets <sup>TM</sup> . <i>Dalton Transactions</i> , 2018, 47, 15530-15537.	3.3	11
115	A simple methodology for constructing ferromagnetically coupled Cr( $\mu_3$ ) compounds. <i>Dalton Transactions</i> , 2018, 47, 8100-8109.	3.3	11
116	The Energetic Significance of Metallophilic Interactions. <i>Angewandte Chemie</i> , 2019, 131, 12747-12753.	2.0	11
117	Phthalocyanine-polyoxotungstate lanthanide double deckers. <i>Dalton Transactions</i> , 2020, 49, 16638-16642.	3.3	11
118	C $\pi$ -H Borylation Catalysis of Heteroaromatics by a Rhenium Boryl Polyhydride. <i>ACS Catalysis</i> , 2021, 11, 7394-7400.	11.2	11
119	[(1,2,5,6- $\eta$ )-Cycloocta-1,5-diene]bis(1-isopropyl-3-methylimidazolin-2-ylidene)rhodium(I) tetrafluoridoborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1860-m1861.	0.2	11
120	Molecular Solids from Symmetrical Bis(piperazine-2,5-diones) with Open- and Closed-Monomer Conformations. <i>Crystal Growth and Design</i> , 2009, 9, 2191-2197.	3.0	10
121	Synthesis of the Conformationally Constrained Tyrosine Analogues, (R)- and (S)-5-Hydroxy-2-aminoindan-2-carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2010, 75, 1293-1296.	3.2	10
122	Non-photochemical synthesis of Re(diimine)(CO) <sub>2</sub> (L)Cl (L = phosphine or phosphite) compounds. <i>Inorganic Chemistry Communication</i> , 2015, 59, 80-83.	3.9	10
123	[Cr <sup>III</sup> ] <sub>8</sub> M <sup>II</sup> <sub>6</sub> ( $\mu_3$ ) <sub>n</sub> (M <sup>II</sup> = Cu, Co) face-centred, metallosupramolecular cubes. <i>CrystEngComm</i> , 2016, 18, 4914-4920.	2.6	10
124	Hexahalorhenate( $\mu_4$ ) salts of metal oxazolidine nitroxides. <i>Dalton Transactions</i> , 2017, 46, 5250-5259.	3.3	10
125	A [Mn <sub>18</sub> ] wheel-of-wheels. <i>Chemical Communications</i> , 2021, 57, 4122-4125.	4.1	10
126	Reversible Dissociation of a Dialumene**. <i>Angewandte Chemie</i> , 2021, 133, 24907-24913.	2.0	10



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