

# Carine Duhayon

## List of Publications by Year in descending order

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163  
papers

5,176  
citations

101543

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177  
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177  
docs citations

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times ranked

4679  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Heterotrimetallic {3d-4f-5d} Single Chain Magnet, Constructed from Anisotropic High-Spin Heterometallic Nodes and Paramagnetic Spacers. <i>Chemistry - A European Journal</i> , 2009, 15, 11808-11814.	3.3	205
2	Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 12140-12151.	4.0	202
3	Enhanced Ion Anisotropy by Nonconventional Coordination Geometry: Single-Chain Magnet Behavior for a [Fe <sup>II</sup> <sub>2</sub> Nb <sup>IV</sup> (CN) <sub>8</sub> ] Helical Chain Compound Designed with Heptacoordinate Fe <sup>II</sup> . <i>Journal of the American Chemical Society</i> , 2010, 132, 6047-6056.	13.7	169
4	Electrophosphorescent homo- and heteroleptic copper(i) complexes prepared from various bis-phosphine ligands. <i>Chemical Communications</i> , 2007, , 3077-3079.	4.1	161
5	Study of the Luminescent and Magnetic Properties of a Series of Heterodinuclear [Zn <sup>II</sup> Ln <sup>III</sup> ] Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 5879-5889.	4.0	151
6	Designing dendrimers for ocular drug delivery. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 326-334.	5.5	149
7	Preparation, Crystal Structures, and Magnetic Features for a Series of Dinuclear [Ni <sup>II</sup> Ln <sup>III</sup> ] Schiff-Base Complexes: Evidence for Slow Relaxation of the Magnetization for the Dy <sup>III</sup> Derivative. <i>Inorganic Chemistry</i> , 2011, 50, 5890-5898.	4.0	143
8	Hetero-Metallic {3d-4f-5d} Complexes: Preparation and Magnetic Behavior of Trinuclear [(L <sub>2</sub> Me <sub>2</sub> Ni <sup>II</sup> Ln){W(CN) <sub>8</sub> }] Compounds (Ln = Gd, Tb, Dy, Ho, Er, Y); T <sub>1</sub> ρ <sub>0</sub> = 0.0 μs. <i>Journal of the American Chemical Society</i> , 2009, 131, 5820-5828.	4.0	126
9	New Chiral Lanthanide Amide Ate Complexes for the Catalysed Synthesis of Scalemic Nitrogen-Containing Heterocycles. <i>Chemistry - A European Journal</i> , 2008, 14, 2189-2200.	3.3	107
10	Two-Coordinate Iron(II) Complex [Fe{N(SiMe <sub>3</sub> ) <sub>2</sub> } <sub>2</sub> ] <sup>+</sup> : Synthesis, Properties, and Redox Activity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 245-248.	13.8	95
11	Single-ion magnet behaviour of heptacoordinated Fe(II) complexes: on the importance of supramolecular organization. <i>Chemical Communications</i> , 2015, 51, 3616-3619.	4.1	94
12	Diaminocarbene and Phosponium Ylide Ligands: A Systematic Comparison of their Donor Character. <i>Journal of the American Chemical Society</i> , 2008, 130, 8406-8413.	13.7	91
13	Imidazoliophosphines are True N-Heterocyclic Carbene (NHC)-Phosphenium Adducts. <i>Chemistry - A European Journal</i> , 2010, 16, 13095-13108.	3.3	90
14	Water-Soluble Group 8 and 9 Transition Metal Complexes Containing a Trihydrazinophosphaadamantane Ligand: Catalytic Applications in Isomerization of Allylic Alcohols and Cycloisomerization of (Z)-Enynols in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1671-1679.	4.3	84
15	Effect of Ligand Substitution around the Dy <sup>III</sup> on the SMM Properties of Dual-Luminescent Zn <sup>II</sup> -Dy and Zn <sup>II</sup> -Dy <sup>III</sup> -Zn Complexes with Large Anisotropy Energy Barriers: A Combined Theoretical and Experimental Magnetostructural Study. <i>Inorganic Chemistry</i> , 2016, 55, 4428-4440.	4.0	83
16	Analysis of the Role of Peripheral Ligands Coordinated to Zn <sup>II</sup> in Enhancing the Energy Barrier in Luminescent Linear Trinuclear Zn <sup>II</sup> -Dy <sup>III</sup> -Zn Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 15785-15796.	3.3	80
17	Phosphine-NHC Manganese Hydrogenation Catalyst Exhibiting a Non-Classical Metal-Ligand Cooperative H <sub>2</sub> Activation Mode. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6727-6731.	13.8	73
18	Cyano-Bridged Fe(II)-Cr(III) Single-Chain Magnet Based on Pentagonal Bipyramid Units: On the Added Value of Aligned Axial Anisotropy. <i>Journal of the American Chemical Society</i> , 2018, 140, 7698-7704.	13.7	70

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19	Homoleptic Copper(I), Silver(I), and Gold(I) Bisphosphine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1345-1355.	2.0	69
20	Heteroleptic Cu(I) complexes containing phenanthroline-type and 1,1- $\text{bis}(\text{diphenylphosphino})\text{ferrocene}$ ligands: Structure and electronic properties. <i>Inorganica Chimica Acta</i> , 2007, 360, 1032-1042.	2.4	67
21	An Atropo- $\text{Stereogenic}$ Diphosphane Ligand with a Proximal Cationic Charge: Specific Catalytic Properties of a Palladium Complex Thereof. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2991-2999.	2.0	67
22	Pentagonal Bipyramid $\text{Fe}^{\text{II}}$ Complexes: Robust Ising- $\text{Spin}$ Units towards Heteropolynuclear Nanomagnets. <i>Chemistry - A European Journal</i> , 2017, 23, 4380-4396.	3.3	67
23	Synthesis and Properties of Dendrimers Possessing the Same Fluorophore(s) Located Either Peripherally or Off-Center. <i>Journal of Organic Chemistry</i> , 2007, 72, 8707-8715.	3.2	65
24	Thiazolyl-phosphine hydrochloride salts: effective auxiliary ligands for ruthenium-catalyzed nitrile hydration reactions and related amide bond forming processes in water. <i>Green Chemistry</i> , 2013, 15, 2447.	9.0	65
25	Heptacoordinated Nickel(II) as an Ising-Type Anisotropic Building Unit: Illustration with a Pentanuclear $[\text{NiL}_3\{\text{W}(\text{CN})_8\}_2]$ Complex. <i>Inorganic Chemistry</i> , 2013, 52, 2283-2285.	4.0	65
26	P(CH)P Pincer Rhodium(I) Complexes: The Key Role of Electron-Poor Imidazoliophosphine Extremities. <i>Inorganic Chemistry</i> , 2013, 52, 48-58.	4.0	61
27	1-D hydrogen-bonded organization of hexanuclear $\{3d-4f-5d\}$ complexes: evidence for slow relaxation of the magnetization for $[\{\text{LMe}_2\text{Ni}(\text{H}_2\text{O})\text{Ln}(\text{H}_2\text{O})_4.5\}_2\{\text{W}(\text{CN})_8\}_2]$ with Ln = Tb and Dy. <i>CrystEngComm</i> , 2009, 11, 2078.	2.6	58
28	Supramolecular control over recognition and efficient detection of picric acid. <i>Chemical Communications</i> , 2014, 50, 12061-12064.	4.1	58
29	A Diaminocarbene- $\text{Phosphonium}$ Ylide: Direct Access to C,C Chelating Ligands. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6313-6315.	13.8	53
30	Heteroleptic Silver(I) Complexes Prepared from Phenanthroline and Bis-phosphine Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 14343-14354.	4.0	53
31	Nickel(ii) complexes of the new pincer-type unsymmetrical ligands PIMCOP, PIMIOCOP, and NHCCOP: versatile binding motifs. <i>Chemical Communications</i> , 2012, 48, 10446.	4.1	52
32	Magneto-structural variety of new $3d-4f-4(5)d$ heterotrimetallic complexes. <i>Dalton Transactions</i> , 2015, 44, 16713-16727.	3.3	51
33	Flexible Diphosphine Ligands with Overall Charges of 0, +1, and +2: Critical Role of the Electrostatics in Favoring Trans over Cis Coordination. <i>Inorganic Chemistry</i> , 2011, 50, 10810-10819.	4.0	50
34	Hexacyanidometalate molecular chemistry, part III: di-, tri-, tetra-, hexa- and hepta-nuclear chromium-nickel complexes: Control of spin, structural anisotropy, intra- and inter-molecular exchange couplings. <i>Inorganica Chimica Acta</i> , 2008, 361, 3505-3518.	2.4	46
35	$\text{B}\ddot{\text{r}}\ddot{\text{e}}\text{H}$ , $\text{C}\ddot{\text{r}}\ddot{\text{e}}\text{H}$ , and $\text{B}\ddot{\text{r}}\ddot{\text{e}}\text{C}$ Bond Activation: The Role of Two Adjacent Agostic Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7569-7573.	13.8	46
36	Towards the Limit of Atropochiral Stability: $\text{H}\ddot{\text{a}}\text{M}\text{IOP}$ , an $\text{N}\ddot{\text{a}}\text{Heterocyclic}$ Carbene Precursor and Cationic Analogue of the $\text{H}\ddot{\text{a}}\text{MOP}$ Ligand. <i>Chemistry - A European Journal</i> , 2011, 17, 5110-5115.	3.3	39

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37	Synthesis, Crystal Structures, Magnetic Properties, and Theoretical Investigation of a New Series of Ni <sup>II</sup> Ln <sup>III</sup> W <sup>V</sup> Heterotrimetallics: Understanding the SMM Behavior of Mixed Polynuclear Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 12158-12171.	4.0	39
38	Magnetic anisotropy of transition metal and lanthanide ions in pentagonal bipyramidal geometry. <i>Chemical Society Reviews</i> , 2022, 51, 3280-3313.	38.1	38
39	A Robust Nanoporous Supramolecular Metal-Organic Framework Based on Ionic Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2014, 20, 11690-11694.	3.3	36
40	Developing the Kharasch Reaction in Aqueous Media: Dinuclear Group 8 and 9 Catalysts Containing the Bridging Cage Ligand Tris(1,2-dimethylhydrazino)diphosphane. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 786-794.	2.0	35
41	Self-assembly of fullerene-rich nanostructures with a stannoxane core. <i>Chemical Communications</i> , 2007, , 516-518.	4.1	34
42	Hexasilylated Total Carbomer of Benzene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4337-4341.	13.8	34
43	Di- and Triheteronuclear Cu <sup>II</sup> Gd and Cu <sup>II</sup> Gd <sup>III</sup> Cu Complexes with Dissymmetric Double Bridge. <i>Inorganic Chemistry</i> , 2008, 47, 6444-6451.	4.0	34
44	Dissimilar supramolecular organization for the heterotrimetallic assemblage [LnNiLn]{W(CN) <sub>8</sub> } with Ln=Y and La (L=Schiff-base derivative). <i>Comptes Rendus Chimie</i> , 2008, 11, 1200-1206.	0.5	33
45	Synthesis and Photophysical Properties of Copper(I) Complexes Obtained from 1,10-Phenanthroline Ligands with Increasingly Bulky 2,9-Substituents. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 164-173.	2.0	33
46	Carbene-Stabilized Phosphenium Oxides and Sulfides. <i>Chemistry - A European Journal</i> , 2012, 18, 16153-16160.	3.3	33
47	On the Coordinating Limit of NHC-Phosphenium Cations toward Rh <sup>I</sup> Centers. <i>Chemistry - A European Journal</i> , 2012, 18, 7705-7714.	3.3	33
48	Efficient Phosphorus Catalysts for the Halogen-Exchange (Halex) Reaction. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2677-2682.	4.3	32
49	Charge Effects in PCP Pincer Complexes of Ni <sup>II</sup> bearing Phosphinite and Imidazol(i)phosphine Coordinating Jaws: From Synthesis to Catalysis through Bonding Analysis. <i>Chemistry - A European Journal</i> , 2015, 21, 17403-17414.	3.3	32
50	Concomitant emergence of circularly polarized luminescence and single-molecule magnet behavior in chiral-at-metal Dy complex. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4527-4534.	6.0	32
51	Thiazolyl Phosphine Ligands for Copper-Catalyzed Arylation and Vinylation of Nucleophiles in Organic and Aqueous Media. <i>Organometallics</i> , 2008, 27, 5733-5736.	2.3	30
52	Tuning of the Emission Efficiency and HOMO-LUMO Band Gap for Ester-Functionalized {Al(salophen)(H <sub>2</sub> O) <sub>2</sub> } <sup>+</sup> Blue Luminophors. <i>Inorganic Chemistry</i> , 2012, 51, 1309-1318.	4.0	30
53	Modular Assembling of [Zr(C <sub>2</sub> O <sub>4</sub> ) <sub>4</sub> ] <sup>4-</sup> and [DabcoH <sub>2</sub> ] <sup>2+</sup> Units in Supramolecular Hybrid Architectures Including an Open Framework with Reversible Sorption Properties (Dabco =) Tj ETQq1 1 0.784314 rg 30/Overlap 10 Tf 50	3.0	29
54	Atropochiral (C,C)-chelating NHC-ylide ligands: synthesis and resolution of palladium(ii) complexes thereof. <i>Dalton Transactions</i> , 2009, , 7196.	3.3	29

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55	Synthesis, Characterization and Combined Superoxide Dismutase and Catalase Activities of Manganese Complexes of 1,4-Bis(salicylidenamino)butane. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 965-974.	2.0	28
56	From Heptacoordinated Cr <sup>III</sup> Complexes with Cyanide or Isothiocyanate Apical Groups to 1D Heterometallic Assemblages with All-Pentagonal Bipyramid Coordination Geometries. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 340-348.	2.0	28
57	Synthesis, Structural Characterization, and Magnetic Properties of a Copper-Gadolinium Complex Derived from a Hydroxybenzohydrazide Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 2181-2187.	4.0	27
58	Bidentate Iminophosphorane-NHC Ligand Derived from the Imidazo[1,5-a]pyridin-3-ylidene Scaffold. <i>Organometallics</i> , 2018, 37, 4726-4735.	2.3	26
59	Promoting Role of [PtI <sub>2</sub> (CO)] <sub>2</sub> in the Iridium-Catalyzed Methanol Carbonylation to Acetic Acid and Its Interaction with Involved Iridium Species. <i>Organometallics</i> , 2006, 25, 5894-5905.	2.3	25
60	The Intricate Assembling of gem-Diphenylpropargylic Units. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5144-5156.	2.4	25
61	First magnets based on thiocyanato-bridges. <i>Chemical Communications</i> , 2012, 48, 10028.	4.1	25
62	First binuclear Cr(III)-Mn(III) oxalato-bridged complexes: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2009, 28, 1688-1693.	2.2	24
63	Exploring structural effects of levoglucosenone derived chiral auxiliaries in asymmetric Diels-Alder cycloadditions. <i>Tetrahedron</i> , 2007, 63, 241-251.	1.9	23
64	Palladium pincer complexes of a C-C-C-NHC, diphosphonium bis(ylide) ligand. <i>Dalton Transactions</i> , 2019, 48, 1709-1721.	3.3	23
65	A ferromagnetic Ni-Cr single-chain magnet based on pentagonal bipyramidal building units. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1503-1511.	6.0	23
66	Cationic PCP and PCN NHC Core Pincer-Type Mn(I) Complexes: From Synthesis to Catalysis. <i>Organometallics</i> , 2021, 40, 231-241.	2.3	23
67	Driving the Assembling of Zirconium Tetraoxalate Metallotectons and Benzimidazolium Cations: From Three Dimensional Hydrogen-Bonded Compact Architectures to Open-Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 4906-4919.	3.0	22
68	Organotin chemistry for the preparation of fullerene-rich nanostructures. <i>Journal of Materials Chemistry</i> , 2008, 18, 1547.	6.7	21
69	Substantial exchange coupling for {Mo-NCS-M} combination: illustration for 1-D [Mo(NCS) <sub>6</sub> ][NiL <sub>2</sub> (NCS)] <sub>n</sub> . <i>Chemical Communications</i> , 2010, 46, 7519.	4.1	21
70	Self-Assembly of Zr(C <sub>2</sub> O <sub>4</sub> ) <sub>4</sub> Metallotectons and Bisimidazolium Cations: Influence of the Dication on H-Bonded Framework Dimensionality and Material Potential Porosity. <i>Crystal Growth and Design</i> , 2011, 11, 5424-5433.	3.0	21
71	[K <sub>2</sub> Mn <sub>5</sub> {Mo(CN) <sub>7</sub> } <sub>3</sub> ]: an open framework magnet with four Tc conversions orchestrated by guests and thermal history. <i>New Journal of Chemistry</i> , 2011, 35, 1211.	2.8	21
72	Does the Sign of the Cu-Gd Magnetic Interaction Depend on the Number of Atoms in the Bridge?. <i>Chemistry - A European Journal</i> , 2016, 22, 2171-2180.	3.3	21

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73	An efficient synthesis combining phosphorus dendrimers and 15-membered triolefinic azamacrocycles: towards the stabilization of platinum nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 547.	2.8	20
74	Diversified Strategies for the Synthesis of Bifunctional Dendrimeric Structures. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5414-5422.	2.4	20
75	Imination reactions of free and coordinated 2-diphenylphosphino-1-phenyl-phospholane: Access to regioisomeric ruthenium(ii) complexes containing novel iminophosphorane phosphine ligands. <i>New Journal of Chemistry</i> , 2006, 30, 1295-1306.	2.8	19
76	Mononuclear Cu and dinuclear Cu–Ln complexes of benzimidazole based ligands including N and O donors: Syntheses, characterization, X-ray molecular structures and magnetic properties. <i>Polyhedron</i> , 2010, 29, 2111-2119.	2.2	19
77	NHC Core Phosphonium Ylide-based Palladium(II) Pincer Complexes: The Second Ylide Extremity Makes the Difference. <i>Inorganic Chemistry</i> , 2020, 59, 7082-7096.	4.0	19
78	Quasilinear 3d-metal complexes [KM(N(Dipp)SiR <sub>3</sub> ) <sub>2</sub> ] (M = Cr–Co) structural diversity, solution state behaviour and reactivity. <i>Dalton Transactions</i> , 2021, 50, 4890-4903.	3.3	19
79	Varying the metal/metal ratio in related Cu–Ca complexes. <i>Polyhedron</i> , 2007, 26, 4209-4215.	2.2	18
80	Oligomeric and polymeric organizations of potassium salts with compartmental Schiff-base complexes as ligands. <i>CrystEngComm</i> , 2011, 13, 5908.	2.6	18
81	1,4-Dialkynylbutatrienes: Synthesis, Stability, and Perspectives in the Chemistry of Carbo-Benzenes. <i>Chemistry - A European Journal</i> , 2011, 17, 5086-5100.	3.3	18
82	P-oxidation of gem-dicationic phosphines. <i>RSC Advances</i> , 2013, 3, 20391.	3.6	18
83	Binuclear CuLn complexes (LnIII= Gd, Tb, Dy) of alcohol-functionalized bicompartamental Schiff-base ligand. Hydrogen bonding and magnetic behaviors. <i>Inorganica Chimica Acta</i> , 2016, 439, 24-29.	2.4	18
84	Direct Access to Palladium(II) Complexes Based on Anionic C–C–C-Phosphonium Ylide Core Pincer Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 12116-12128.	4.0	18
85	Stereoselective double addition of chiral alkynyl-zincs to cobalt-stabilized acetylenedicarbonyl aldehyde. <i>Tetrahedron Letters</i> , 2006, 47, 1047-1050.	1.4	17
86	Fullerene Derivatives Functionalized with Diethylamino-Substituted Conjugated Oligomers: Synthesis and Photoinduced Electron Transfer. <i>Chemistry - A European Journal</i> , 2009, 15, 8825-8833.	3.3	17
87	Co-crystallization of coordination compounds through second-coordination sphere interactions. <i>CrystEngComm</i> , 2011, 13, 3756.	2.6	17
88	μ <sub>3</sub> - vs. μ <sub>4</sub> -Hydroxido Bridges Peripheral Function Controls the Nuclearity of Hydroxido-Bridged Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5729-5740.	2.0	16
89	Hydrogen-Bonded Open Framework with Pyridyl-Decorated Channels: Straightforward Preparation and Insight into Its Affinity for Acidic Molecules in Solution. <i>Chemistry - A European Journal</i> , 2017, 23, 11818-11826.	3.3	16
90	Copper(I) complexes of chelating imidazolo- and imidazolio-diphosphines. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 149-152.	1.8	15

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91	Bis-Compartmental Schiff-Base with Peripheral Ester Functionalization: Synthesis and Magnetic Behavior of Bimetallic Zn-Ln Complexes (Ln = Dy, Tb, Gd). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4988-4995.	2.0	15
92	Phosphine-NHC Manganese Hydrogenation Catalyst Exhibiting a Non-Classical Metal-Ligand Cooperative H <sub>2</sub> Activation Mode. <i>Angewandte Chemie</i> , 2019, 131, 6799-6803.	2.0	15
93	Structure and Properties of Dinuclear Manganese(III) Complexes with Pentaanionic Pentadentate Ligands Including Alkoxo, Amido, and Phenoxo Donors. <i>Inorganic Chemistry</i> , 2007, 46, 6902-6910.	4.0	14
94	Versatile Pd-Catalyzed C-H Oxidative Cyclization of Homoallylhydrazones to Pyrazolines and Tetrahydropyridazines. <i>ChemCatChem</i> , 2013, 5, 3014-3021.	3.7	14
95	Role of the kinetic template effect in the syntheses of non symmetric Schiff base complexes. <i>Polyhedron</i> , 2013, 52, 1065-1072.	2.2	14
96	Extended H-bond networks based on guanidinium H-donors and [Zr(A) <sub>4</sub> ] <sup>4+</sup> H-acceptor units: modulation of the assemblage and guest accessible volume by chemical design (A = oxalate,). <i>Tj ETQqO O 0 rgBT /Ovellock 1011# 50 537</i>		
97	Ethionamide biomimetic activation and an unprecedented mechanism for its conversion into active and non-active metabolites. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8848-8858.	2.8	14
98	Steric/Electronic Insulation of the carbonyl-Benzene Ring: Dramatic Effects of tert-Butyl versus Phenyl Crowns on Geometric, Chromophoric, Redox, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 10699-10710.	3.3	14
99	Molybdenum(III) Thiocyanate- and Selenocyanate-Based One-Dimensional Heteronuclear Polymers: Coordination Affinity-Controlled Assemblage of Mixed Spin and Mixed Valence Derivatives with Ni(II) and Co(II/III). <i>Inorganic Chemistry</i> , 2020, 59, 7603-7613.	4.0	14
100	Bis-Ylide Ligands from Acyclic Proximal Diphosphonium Precursors. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4057-4064.	2.0	13
101	Structural determinations of carbamate-bridging ligands derived from atmospheric CO <sub>2</sub> in d <sup>4</sup> complexes. <i>Polyhedron</i> , 2015, 89, 213-218.	2.2	13
102	Lipidic Carbonyl-benzenes: Molecular Probes of Magnetic Anisotropy and Stacking Properties of $\lambda$ -Graphyne. <i>Journal of Organic Chemistry</i> , 2017, 82, 925-935.	3.2	13
103	Synthesis and Stereochemical Assignments of cis- and trans-1-Amino-4-ethylcyclohexa-2,5-diene as Models for Amiclenomycin. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 736-744.	2.4	12
104	An unprecedented co-crystal including a cis-high-spin and a trans-low-spin FeII complex molecule. <i>Chemical Communications</i> , 2007, , 5223.	4.1	12
105	Vicinal diphosphoniums: electrostatic repulsion under covalent constraint. <i>Dalton Transactions</i> , 2009, , 8493.	3.3	12
106	Synthesis and Crystal Structures of Various Phases of the Microporous Three-Dimensional Coordination Polymer [Zr(OH) <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ] <sub>n</sub> . <i>Crystal Growth and Design</i> , 2013, 13, 5100-5106.	3.0	12
107	From N-sulfonyl,C-homoallyl-hydrazones to pyrazole and pyridazine (N <sub>2</sub> )-heterocycles: the ultimate aromatization process. <i>Tetrahedron</i> , 2014, 70, 4957-4968.	1.9	12
108	Use of azido ligands in the syntheses of different homo- and hetero-complexes. <i>Polyhedron</i> , 2016, 111, 101-108.	2.2	12

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109	Reactions of a series of ZnL, CuL and NiL Schiff base and non-Schiff base complexes with MCl <sub>2</sub> salts (M = Cu, Ni, Mn): syntheses, structures, magnetic properties and DFT calculations. <i>New Journal of Chemistry</i> , 2018, 42, 3683-3691.	2.8	12
110	Syntheses, Structures, and Magnetic Properties of Symmetric and Dissymmetric Ester-Functionalized Schiff Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 66-73.	2.0	12
111	Structure and bonding in a cyclobutyl tris(pyrazolyl)boratoniobium complex and the variation in agostic behaviour with ring size in the series TpMe <sub>2</sub> NbCl(c-C <sub>n</sub> H <sub>2n-1</sub> )(MeCf, CMe), n = 3-6. <i>Dalton Transactions</i> , 2006, , 2362-2367.	3.3	11
112	Structure and Properties of Copper(II), Manganese(III), and Iron(III) Complexes with Potentially Pentaanionic Heptadentate Ligands Including Alkoxido, Amido, and Phenoxido Donors. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5483-5493.	2.0	11
113	N-Cyclopropenyl-imidazol-2-ylidene: An N-heterocyclic carbene bearing an N-cationic substituent. <i>Chemical Communications</i> , 2020, 56, 3305-3308.	4.1	11
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