

Lucia Carlucci

List of Publications by Year in descending order

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114
papers

12,458
citations

28274

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23533

111
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118
all docs

118
docs citations

118
times ranked

5800
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycatenation, polythreading and polyknotting in coordination network chemistry. <i>Coordination Chemistry Reviews</i> , 2003, 246, 247-289.	18.8	1,880
2	Interpenetrating metal-organic and inorganic 3D networks: a computer-aided systematic investigation. Part I. Analysis of the Cambridge structural database. <i>CrystEngComm</i> , 2004, 6, 377-395.	2.6	1,116
3	Entangled Coordination Networks with Inherent Features of Polycatenation, Polythreading, and Polyknotting. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5824-5827.	13.8	416
4	Borromean links and other non-conventional links in ∞^3 polycatenated coordination polymers: re-examination of some puzzling networks. <i>CrystEngComm</i> , 2003, 5, 269-279.	2.6	361
5	Polymeric Layers Catenated by Ribbons of Rings in a Three-Dimensional Self-Assembled Architecture: A Nanoporous Network with Spongelike Behavior. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1506-1510.	13.8	357
6	Interpenetrating metal-organic and inorganic 3D networks: a computer-aided systematic investigation. Part II [1]. Analysis of the Inorganic Crystal Structure Database (ICSD). <i>Journal of Solid State Chemistry</i> , 2005, 178, 2452-2474.	2.9	335
7	1-, 2-, and 3-Dimensional Polymeric Frames in the Coordination Chemistry of AgBF ₄ with Pyrazine. The First Example of Three Interpenetrating 3-Dimensional Triconnected Nets. <i>Journal of the American Chemical Society</i> , 1995, 117, 4562-4569.	13.7	302
8	Novel Networks of Unusually Coordinated Silver(I) Cations: The Wafer-Like Structure of [Ag(py ₂) ₂][Ag ₂ (py ₂) ₅](PF ₆) ₃ ·2G and the Simple Cubic Frame of [Ag(py ₂) ₃](SbF ₆). <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1895-1898.	4.4	286
9	Self-Assembly of Infinite Double Helical and Tubular Coordination Polymers from Ag(CF ₃ SO ₃) and 1,3-Bis(4-pyridyl)propane. <i>Inorganic Chemistry</i> , 1997, 36, 3812-3813.	4.0	283
10	Complex Interwoven Polymeric Frames from the Self-Assembly of Silver(I) Cations and Sebaconitrile. <i>Chemistry - A European Journal</i> , 1999, 5, 237-243.	3.3	267
11	Entangled Two-Dimensional Coordination Networks: A General Survey. <i>Chemical Reviews</i> , 2014, 114, 7557-7580.	47.7	253
12	New polymeric networks from the self-assembly of silver(i) salts and the flexible ligand 1,3-bis(4-pyridyl)propane (bpp). A systematic investigation of the effects of the counterions and a survey of the coordination polymers based on bpp. <i>CrystEngComm</i> , 2002, 4, 121.	2.6	252
13	Interpenetrated Three-Dimensional Networks of Hydrogen-Bonded Organic Species: A Systematic Analysis of the Cambridge Structural Database. <i>Crystal Growth and Design</i> , 2008, 8, 519-539.	3.0	232
14	Interpenetrating diamondoid frameworks of silver(I) cations linked by N,N'-bidentate molecular rods. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2755-2756.	2.0	228
15	A new type of entanglement involving one-dimensional ribbons of rings catenated to a three-dimensional network in the nanoporous structure of [Co(bix) ₂ (H ₂ O) ₂](SO ₄)·7H ₂ O [bix = 1,4-bis(imidazol-1-ylmethyl)benzene]. <i>Chemical Communications</i> , 2004, , 380-381.	4.1	223
16	Three Novel Interpenetrating Diamondoid Networks from Self-Assembly of 1,12-Dodecanedinitrile with Silver(I) Salts. <i>Chemistry - A European Journal</i> , 2002, 8, 1519-1526.	3.3	208
17	Double-Step Gas Sorption of a Two-Dimensional Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2007, 129, 12362-12363.	13.7	189
18	An unprecedented triply interpenetrated chiral network of ∞^3 square-planar metal centres from the self-assembly of copper(II) nitrate and 1,2-bis(4-pyridyl)ethyne. <i>Chemical Communications</i> , 1998, , 1837-1838.	4.1	182

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19	H-Aggregates Granting Crystallization-Induced Emissive Behavior and Ultralong Phosphorescence from a Pure Organic Molecule. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1894-1898.	4.6	181
20	Interpenetrated three-dimensional hydrogen-bonded networks from metal-organic molecular and one- or two-dimensional polymeric motifs. <i>CrystEngComm</i> , 2008, 10, 1822.	2.6	160
21	Extended networks via hydrogen bond cross-linkages of [M(bipy)] (M = Zn ²⁺ or Fe ²⁺ ; bipy = 4,4'-bipyridyl) linear co-ordination polymers. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1801-1804.	1.1	154
22	Polymeric Helical Motifs from the Self-Assembly of Silver Salts and Pyridazine. <i>Inorganic Chemistry</i> , 1998, 37, 5941-5943.	4.0	152
23	Open Network Architectures from the Self-Assembly of AgNO ₃ and 5,10,15,20-Tetra(4-pyridyl)porphyrin (H ₂ tpyp) Building Blocks: The Exceptional Self-Penetrating Topology of the 3D Network of [Ag ₈ (ZnH ₂ tpyp) ₇ (H ₂ O) ₂](NO ₃) ₈ . <i>Angewandte Chemie - International Edition</i> , 2003, 42, 317-322.	13.8	149
24	A new type of supramolecular entanglement in the silver(I) coordination polymer [Ag ₂ (bpethy) ₅](BF ₄) ₂ [bpethy = 1,2-bis(4-pyridyl)ethyne]. <i>Chemical Communications</i> , 1999, , 449-450.	4.1	148
25	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16302-16307.	13.8	142
26	From arm-shaped layers to a new type of polythreaded array: a two fold interpenetrated three-dimensional network with a rutile topology. Electronic Supplementary Information (ESI) available: details of the synthesis and solid state emission spectra of 1. See http://www.rsc.org/suppdata/cc/b4/b405016a/ . <i>Chemical Communications</i> , 2004, , 1876.	4.1	131
27	Chiral packing of chiral quintuple layers polycatenated to give a three-dimensional network in the coordination polymer [Co ₅ (bpe) ₉ (H ₂ O) ₈ (SO ₄) ₄](SO ₄) ₄ ·14H ₂ O [bpe = 1,2-bis(4-pyridyl)ethane]. <i>Chemical Communications</i> , 2000, , 1319-1320.	4.1	130
28	Using long bis(4-pyridyl) ligands designed for the self-assembly of coordination frameworks and architectures. <i>Dalton Transactions RSC</i> , 2002, , 2714-2721.	2.3	126
29	Parallel and Inclined (1D × 2D) Interlacing Modes in New Polyrotaxane Frameworks [M ₂ (bix) ₃ (SO ₄) ₂] [M = Zn(II), Cd(II); Bix = 1,4-Bis(imidazol-1-ylmethyl)benzene]. <i>Crystal Growth and Design</i> , 2005, 5, 37-39.	3.0	117
30	Self-assembly of novel co-ordination polymers containing polycatenated molecular ladders and intertwined two-dimensional tilings. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1799-1804.	1.1	114
31	Super Flexibility of a 2D Cu-Based Porous Coordination Framework on Gas Adsorption in Comparison with a 3D Framework of Identical Composition: Framework Dimensionality-Dependent Gas Adsorptivities. <i>Journal of the American Chemical Society</i> , 2011, 133, 10512-10522.	13.7	112
32	Self-assembly of a three-dimensional network from two-dimensional layers via metallic spacers: the (3,4)-connected frame of [Ag ₃ (hmt) ₂][ClO ₄] ₃ ·2H ₂ O (hmt = hexamethylenetetramine). <i>Chemical Communications</i> , 1997, , 631-632.	4.1	109
33	Coordination networks from the self-assembly of silver salts and the linear chain dinitriles NC(CH ₂) _n CN (n = 2 to 7): a systematic investigation of the role of counterions and of the increasing length of the spacers. <i>CrystEngComm</i> , 2002, 4, 413-425.	2.6	105
34	Supramolecular isomers in the same crystal: a new case involving two different types of layers polycatenated in the 3D architecture of [Cu(bix) ₂ (SO ₄)] ₂ ·7.5H ₂ O [bix = 1,4-bis(imidazol-1-ylmethyl)benzene]. <i>CrystEngComm</i> , 2004, 6, 96-101.	2.6	105
35	A Three-Dimensional, Three-Connected Cubic Network of the SrSi ₂ Topological Type in Coordination Polymer Chemistry: [Ag(hmt)](PF ₆) ₂ ·nH ₂ O (hmt = Hexamethylenetetraamine). <i>Journal of the American Chemical Society</i> , 1995, 117, 12861-12862.	13.7	103
36	Heterometallic Modular Metal-Organic 3D Frameworks Assembled via New Tris(2-pyridyl)ketonate Metalloligands: Nanoporous Materials for Anion Exchange and Scaffolding of Selected Anionic Guests. <i>Chemistry - A European Journal</i> , 2010, 16, 12328-12341.	3.3	101

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37	A three-dimensional nanoporous flexible network of $\sqrt{3}$ -square-planar Cu^{II} centres with an unusual topology. Electronic supplementary information (ESI) available: XRPD spectra. See http://www.rsc.org/suppdata/cc/b2/b202588d/ . <i>Chemical Communications</i> , 2002, , 1354-1355.	4.1	100
38	A New Polycatenated 3D Array of Interlaced 2D Brickwall Layers and 1D Molecular Ladders in $[\text{Mn}_2(\text{bix})_3(\text{NO}_3)_4] \cdot 2\text{CHCl}_3$ [$\text{bix} = 1,4$ -bis(imidazol-1-ylmethyl)benzene] That Undergoes Supramolecular Isomerization upon Guest Removal. <i>Crystal Growth and Design</i> , 2008, 8, 162-165.	3.0	97
39	Interpenetrated and Noninterpenetrated Three-Dimensional Networks in the Polymeric Species $\text{Ag}(\text{tta})$ and $2\text{Ag}(\text{tta}) \cdot \text{AgNO}_3$ ($\text{tta} = \text{tetrazolate}$): The First Examples of the 1:4:1:1:1:1 Bonding Mode for Tetrazolate. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3488-3492.	1.4	96
40	Urea Metal-Organic Frameworks for Nitro-Substituted Compounds Sensing. <i>Inorganic Chemistry</i> , 2017, 56, 1446-1454.	4.0	92
41	New architectures from the self-assembly of MIIISO_4 salts with bis(4-pyridyl) ligands. The first case of polycatenation involving three distinct sets of 2D polymeric (4,4)-layers parallel to a common axis. <i>CrystEngComm</i> , 2003, 5, 190.	2.6	90
42	2D Polymeric Silver(I) Complexes Consisting of Markedly Undulated Sheets of Squares. X-ray Crystal Structures of $[\text{Ag}(\text{ppz})_2](\text{BF}_4)$ and $[\text{Ag}(\text{pyz})_2](\text{PF}_6)$ ($\text{ppz} = \text{Piperazine}$, $\text{pyz} = \text{Pyrazine}$). <i>Inorganic Chemistry</i> , 1995, 34, 5698-5700.	4.0	88
43	Ab-initio X-ray powder diffraction structural characterization of co-ordination compounds: polymeric $[\{\text{MX}_2(\text{bipy})\}_n]$ complexes ($\text{M} = \text{Ni}$ or Cu ; $\text{X} = \text{Cl}$ or Br ; $\text{bipy} = 4,4'$ -bipyridyl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2739-2746.	1.1	82
44	Structural studies of molecular-based nanoporous materials. Novel networks of silver(I) cations assembled with the polydentate N-donor bases hexamethylenetetramine and 1,3,5-triazine. <i>Journal of Materials Chemistry</i> , 1997, 7, 1271-1276.	6.7	80
45	Three-dimensional architectures of intertwined planar coordination polymers: the first case of interpenetration involving two different bidimensional polymeric motifs. <i>New Journal of Chemistry</i> , 1998, 22, 1319-1321.	2.8	80
46	New examples of self-catenation in two three-dimensional polymeric co-ordination networks. <i>Dalton Transactions RSC</i> , 2000, , 3821-3828.	2.3	74
47	A Novel 3D Three-Connected Cubic Network Containing $[\text{Ag}_6(\text{hmt})_6]_n$ Hexagonal Units ($\text{hmt} = \text{Tj ETQq1 1 0.784314 rgBT / Overlock 10 6150 137 T}$)	4.0	72
48	Polymorphism-dependent aggregation induced emission of a push-pull dye and its multi-stimuli responsive behavior. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2979-2989.	5.5	66
49	Monitoring the Crystal Growth and Interconversion of New Coordination Networks in the Self-assembly of MCl_2 Salts ($\text{M} = \text{Co}$, Ni , Cu , Cd) and 1,3-Bis(4-pyridyl)propane. <i>Chemistry of Materials</i> , 2002, 14, 12-16.	6.7	65
50	Silver(I) polymeric coordination frameworks assembled with the new multimodal ligand 2,2'-azobispyrazine. <i>New Journal of Chemistry</i> , 2003, 27, 483-489.	2.8	64
51	Water-stable fluorinated metal-organic frameworks (F-MOFs) with hydrophobic properties as efficient and highly active heterogeneous catalysts in aqueous solution. <i>Green Chemistry</i> , 2018, 20, 5336-5345.	9.0	64
52	A three-dimensional racemate. Interpenetration of two enantiomeric networks of the SrSi_2 topological type in the polymeric complex $[\text{Ag}_2(2,3\text{-Me}_2\text{pyz})_3][\text{SbF}_6]_2(2,3\text{-Me}_2\text{pyz} = \text{Tj ETQq0 0 0 rgBT / Overlock 10 6150 137 T}$)	10.6	61
53	Crystal Engineering of Mixed-Metal $\text{Ru}^{\text{II}}/\text{Ag}$ Coordination Networks by Using the trans- $[\text{RuCl}_2(\text{pyz})_4]$ ($\text{pyz} = \text{pyrazine}$) Building Block This work was supported by MURST within the project "Solid Supermolecules" (2000-2001) and by CSMTBO-CNR Center.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1907.	13.8	60
54	Molecular Recognition and Crystal Energy Landscapes: An X-ray and Computational Study of Caffeine and Other Methylxanthines. <i>Chemistry - A European Journal</i> , 2005, 11, 271-279.	3.3	59

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55	Polymeric Networks of Silver(I) and Copper(I) Ions Linked by an Anionic Acetonyl Derivative of Tetracyanoethylene. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1088-1090.	4.4	58
56	Four new 2D porous polymeric frames from the self-assembly of silver triflate and silver tosylate with free-base and Zn-metallated 5,10,15,20-tetra(4-pyridyl)porphyrin. <i>CrystEngComm</i> , 2005, 7, 78.	2.6	49
57	Structural Properties and Topological Diversity of Polymeric Ag(I)-hexamethylenetetramine Complexes: Self-Assembly of Three Novel Two-Dimensional Coordination Networks and Their Supramolecular Interactions. <i>Journal of Solid State Chemistry</i> , 2000, 152, 211-220.	2.9	48
58	Size-Selective Urea-Containing Metal-Organic Frameworks as Receptors for Anions. <i>Inorganic Chemistry</i> , 2020, 59, 16421-16429.	4.0	48
59	New metal-organic frameworks and supramolecular arrays assembled with the bent ditopic ligand 4,4-diaminodiphenylmethane. <i>CrystEngComm</i> , 2006, 8, 696-706.	2.6	47
60	Diiron Aminoalkylidene Complexes. <i>Organometallics</i> , 1995, 14, 5232-5241.	2.3	46
61	An Unusual Three-Dimensional Coordination Network Formed by Parallel Polycatenation of Two-Fold Interpenetrated (6,3) Layers Based on a Novel Three-Connecting Ligand. <i>Crystal Growth and Design</i> , 2004, 4, 29-32.	3.0	45
62	The novel metalloligand [Fe(bppd) ₃] (bppd = 1,3-bis(4-pyridyl)-1,3-propanedionate) for the crystal engineering of heterometallic coordination networks with different silver salts. Anionic control of the structures. <i>CrystEngComm</i> , 2011, 13, 5891.	2.6	45
63	Nanoporous three-dimensional networks topologically related to Cooperite from the self-assembly of copper(I) centres and the "square-planar" building block 1,2,4,5-tetracyanobenzene. <i>New Journal of Chemistry</i> , 1999, 23, 397-402.	2.8	44
64	Crystal engineering of coordination polymers and architectures using the [Cu(2,2'-bipy)] ²⁺ molecular corner as building block (bipy = 2,2'-bipyridyl). <i>CrystEngComm</i> , 2000, 2, 154-163.	2.6	44
65	Neue Netzwerke von Silberkationen in ungewöhnlicher Koordination: die waffelartige Struktur von [Ag(py ₂)] ₂ [Ag(py) ₂](PF ₆) ₂ · 2G und das einfache kubische Gerüst von [Ag(py ₃)](SbF ₆) ₂ . <i>Angewandte Chemie</i> , 1995, 107, 2037-2040.	2.0	41
66	Interlinked molecular squares with [Cu(2,2'-bipy)] ²⁺ corners generating a three-dimensional network of unprecedented topological type. <i>Chemical Communications</i> , 2001, 1198-1199.	4.1	35
67	Metal-organic coordination frameworks assembled with the long flexible ligand 4,4'-bis(imidazol-1-ylmethyl)biphenyl. <i>CrystEngComm</i> , 2008, 10, 1191.	2.6	35
68	1,2-eq,eq-[Re ₂ (CO) ₈ (THF) ₂]: A Reactive Re ₂ (CO) ₈ Fragment That Easily Activates H-H and C-H Bonds. <i>Organometallics</i> , 1999, 18, 2091-2098.	2.3	31
69	A polythreaded three-dimensional architecture of undulated layers originated by the contribution of different supramolecular interactions. <i>Inorganic Chemistry Communication</i> , 2009, 12, 691-694.	3.9	28
70	Structural characterization of pyridazine (pydz) adducts of MX ₂ (M = Mn, Fe, Co, Ni, Cu or Zn; X = Cl or Tl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, 3009.	1.1	27
71	Coordination Symmetry-Dependent Structure Restoration Function of One-Dimensional MOFs by Molecular Respiration. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25565-25567.	2.6	27
72	Influence of the counter ion on the structure of two new copper(I) coordination polymers: Synthesis, structural characterization and thermal analysis. <i>Journal of Molecular Structure</i> , 2013, 1037, 236-241.	3.6	26

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73	Capture of volatile iodine by newly prepared and characterized non-porous [Cu] _n -based coordination polymers. <i>CrystEngComm</i> , 2017, 19, 6116-6126.	2.6	26
74	Ultrasound and solvothermal synthesis of a new urea-based metal-organic framework as a precursor for fabrication of cadmium(II) oxide nanostructures. <i>Inorganica Chimica Acta</i> , 2019, 484, 386-393.	2.4	26
75	Synthesis, reactions, and X-ray structures of the functionalized isocyanide complexes [Fe ₂ {μ-CNC(O)SR}{μ-CO}(CO) ₂ (cp) ₂](cp = <i>i</i> -C ₅ H ₅ , R = Me or Et) and of their carbyne and carbene derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 243-250.	1.1	23
76	Crystallization Behavior of Coordination Polymers. 1. Kinetic and Thermodynamic Features of 1,3-Bis(4-pyridyl)propane/MCl ₂ Systems. <i>Crystal Growth and Design</i> , 2009, 9, 5024-5034.	3.0	23
77	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. <i>Angewandte Chemie</i> , 2017, 129, 16520-16525.	2.0	23
78	Versatility of Cyclic Triimidazole to Assemble 1D, 2D, and 3D Cu(I) Halide Coordination Networks. <i>Crystal Growth and Design</i> , 2019, 19, 1567-1575.	3.0	23
79	A new pillared Cd-organic framework as adsorbent of organic dyes and as precursor of CdO nanoparticles. <i>Polyhedron</i> , 2020, 176, 114265.	2.2	23
80	Three Cationic, Nonporous Cu ^I -Coordination Polymers: Structural Investigation and Vapor Iodine Capture. <i>Crystal Growth and Design</i> , 2018, 18, 7207-7218.	3.0	22
81	The Effect of Bromo Substituents on the Multifaceted Emissive and Crystal Packing Features of Cyclic Triimidazole Derivatives. <i>ChemPhotoChem</i> , 2018, 2, 801-805.	3.0	22
82	Influence of the counter anion and steric hindrance of pyrazolyl and imidazolyl flexible ligands on the structure of zinc-based coordination polymers. <i>Inorganica Chimica Acta</i> , 2014, 414, 217-225.	2.4	21
83	Diorganotin(IV) complexes with 2-furancarboxylic acid hydrazone derivative of benzoylacetone: Synthesis, X-ray structure, antibacterial activity, DNA cleavage and molecular docking. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 223-230.	1.8	20
84	H/D exchange via reversible pyridine ortho-metallation, and competition between C-H oxidative addition and CO coordination in hydrido-carboxyl triangular rhenium clusters: a 1H-NMR investigation. X-ray crystal structure of the anion [Re ₃ (¹ / ₄ -H) ₂ (CO) ₁₁ (Py)] ⁻ . <i>Journal of Organometallic Chemistry</i> , 1995, 504, 15-26.	1.8	19
85	Synthesis of the Novel μ ₄ -Phosphanoalkylidene Complexes [Fe ₂ Cp ₂ (CO) ₂ (μ-CO){μ ₄ -C(CN)PR ₂ } (PR ₂ = $\begin{matrix} \text{C} \\ \text{O} \end{matrix}$), Tj ETQq ₁ 1 0.78 18		
	<i>Berichte</i> , 1992, 125, 1125-1127.		
86	Reactions of copper(II) nitrate with pyridazine (pydz) and crystal structures of catena-[Cu(μ- <i>i</i> -2-pydz)(μ-OH)(μ-O ₂ NO)]·H ₂ O and [Cu ₃ (μ- <i>i</i> -2-pydz) ₄ (pydz) ₂ (μ-NO ₃) ₂ (NO ₃) ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2397-2404.	1.1	17
87	New Lanthanide Metalloligands and Their Use for the Assembly of Ln-Ag Bimetallic Coordination Frameworks: Stepwise Modular Synthesis, Structural Characterization, and Optical Properties. <i>Crystal Growth and Design</i> , 2019, 19, 5376-5389.	3.0	16
88	Surface Organometallic Chemistry: Synthesis and X-ray Characterization of Novel Silanolate Surface Models [Re ₂ (CO) ₈ (¹ / ₄ -H)(¹ / ₄ -OSiR ₂ R ⁻)] and of the First Models with Two Homo and Hetero Metal Carbonyl Fragments Linked to Vicinal or Geminal Silanols. <i>Organometallics</i> , 2003, 22, 3271-3278.	2.3	15
89	A unique example of an octahedral iron(II) complex containing four triflate anions and two nitrile-like organometallic cations. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1105.	1.1	14
90	Synthesis of dinuclear iron and ruthenium aminoalkylidene complexes and the molecular structure of the novel cis-[Ru ₂ (CO) ₂ (Cp) ₂ { ¹ / ₄ -C(CN)N(Me)Bz} ₂](Cp = <i>i</i> -C ₅ H ₅ ; Bz ⁻ = CH ₂ Ph). <i>Journal of Organometallic Chemistry</i> , 1995, 488, 133-139.	1.8	14

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91	Synthesis and characterization of new oligomeric and polymeric complexes based on the [CuII(bpca)]+ unit [Hbpca=bis(2-pyridylcarbonyl)amine]. <i>Inorganica Chimica Acta</i> , 2011, 376, 538-548.	2.4	14
92	A quantitative measure of halogen bond activation in cocrystallization. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18383-18388.	2.8	14
93	Ruthenium complexes with bridging functionalized alkylidene ligands. Synthesis of [Ru2CP2(CO)2(1/4-CO){1/4-C(X)N(Me)CH2Ph}] (X = H, CN) and molecular structure of the CN derivative. <i>Journal of Organometallic Chemistry</i> , 1993, 447, 271-275.	1.8	13
94	Room Temperature Phosphorescence from Organic Materials: Unravelling the Emissive Behaviour of Chloro-Substituted Derivatives of Cyclic Triimidazole. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2041-2049.	2.4	13
95	Ag(I) and Cu(I) cyclic-triimidazole coordination polymers: revealing different deactivation channels for multiple room temperature phosphorescences. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1312-1323.	6.0	13
96	Tunable Linear and Nonlinear Optical Properties from Room Temperature Phosphorescent Cyclic Triimidazole-Pyrene Bio-Probe. <i>Chemistry - A European Journal</i> , 2021, 27, 16690-16700.	3.3	13
97	Self-assembly of three cationic silver(I) coordination networks with flexible bis(pyrazolyl)-based linkers. <i>Polyhedron</i> , 2017, 130, 58-66.	2.2	11
98	Linker dependent dimensionality in Zn(II)-coordination polymers containing a flexible bis-pyridyl-bis-amide ligand. <i>Polyhedron</i> , 2018, 153, 278-285.	2.2	11
99	Structural, thermal and topological characterization of coordination networks containing flexible aminocarboxylate ligands with a central biphenylene scaffold. <i>CrystEngComm</i> , 2019, 21, 6365-6373.	2.6	11
100	Insertion reactions of diazoalkanes into an Re-H-Re bridge of [Re2(1/4-H)2(CO)8] synthesis and characterization of [Re2(1/4-H)(CO)8(1/4-1-N(H) NCPH2)] and of [Re2(1/4-H)(CO)8(1/4-1-2-CH2CO2Et)]. <i>Journal of Organometallic Chemistry</i> , 1997, 534, 233-235.	1.8	10
101	Anion-directed assembly of three cationic silver(I) coordination polymers with bis(imidazolyl)-based linker: Structural characterization and anion exchange study. <i>Polyhedron</i> , 2020, 175, 114236.	2.2	10
102	Dinuclear complexes with bridging functionalized alkylidene ligands: synthesis of the phosphonium [Fe2Cp2(CO)2(1/4-CO){1/4-C(CN)PR3}]SO3CF3 and of the phosphinoalkylidene [Fe2Cp2(CO)2(1/4-CO){1/4-C(CN)PH2}]. <i>Inorganica Chimica Acta</i> , 1993, 204, 171-174.		9
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