Duane Choquesillo-Lazarte

List of Publications by Year
in descending order

192 papers	3,964 citations	168829 31 h-index	206121 51 g-index
195 all docs	195 docs citations	195 times ranked	4955 citing authors

#	Article	IF	Citations
1	A novel Zn-based-MOF for efficient CO2 adsorption and conversion under mild conditions. Catalysis Today, 2022, 390-391, 230-236.	2.2	10
2	A gliclazide complex based on palladium towards Alzheimer's disease: promising protective activity against Aî²-induced toxicity in C. elegans. Chemical Communications, 2022, 58, 1514-1517.	2.2	6
3	Catalytic Performance and Electrophoretic Behavior of an Yttriumâ€“Organic Framework Based on a Tricarboxylic Asymmetric Alkyne. Inorganic Chemistry, 2022, 61, 1377-1384.	1.9	6
4	Rational design of carborane-based Cu₂-paddle wheel coordination polymers for increased hydrolytic stability. Dalton Transactions, 2022, 51, 1137-1143.	1.6	11
5	Biomimetic Citrate-Coated Luminescent Apatite Nanoplatforms for Diclofenac Delivery in Inflammatory Environments. Nanomaterials, 2022, 12, 562.	1.9	2
6	Water soluble organometallic small molecules as promising antibacterial agents: synthesis, physicalâ€“chemical properties and biological evaluation to tackle bacterial infections. Dalton Transactions, 2022, 51, 7188-7209.	1.6	13
7	Exploiting the Multifunctionality of M²⁺/Imidazoleâ€“Etidronates for Proton Conductivity (Zn²⁺) and Electrocatalysis (Co²⁺, Ni²⁺) toward the HER, OER, and ORR. ACS Applied Materials & Interfaces, 2022, 14, 11273-11287.	4.0	8
8	Tris(2-Pyridylmethylamine)V(O)2 Complexes as Counter Ions of Diprotonated Decavanadate Anion: Potential Antineoplastic Activity. Frontiers in Chemistry, 2022, 10, 830511.	1.8	2
9	Selectivity of Relative Humidity Using a CP Based on S-Block Metal Ions. Sensors, 2022, 22, 1664.	2.1	0
10	A Mixed Heterobimetallic Y/Eu-MOF for the Cyanosilylation and Hydroboration of Carbonyls. Catalysts, 2022, 12, 299.	1.6	3
11	INTERLABORATORY VIRTUAL COLLABORATIVE EXPERIENCES IN CHEMISTRY LABS. INTED Proceedings, 2022, , .	0.0	0
12	Luminescent Citrate-Functionalized Terbium-Substituted Carbonated Apatite Nanomaterials: Structural Aspects, Sensitized Luminescence, Cytocompatibility, and Cell Uptake Imaging. Nanomaterials, 2022, 12, 1257.	1.9	7
13	Sensing Capacity in Dysprosium Metalâ€“Organic Frameworks Based on 5-Aminoisophthalic Acid Ligand. Sensors, 2022, 22, 3392.	2.1	0
14	Combined experimental and theoretical investigation on the magnetic properties derived from the coordination of 6-methyl-2-oxonicotinate to 3d-metal ions. Dalton Transactions, 2022, 51, 9780-9792.	1.6	5
15	Lidocaine Pharmaceutical Multicomponent Forms: A Story about the Role of Chloride Ions on Their Stability. Crystals, 2022, 12, 798.	1.0	4
16	Through-space hopping transport in an iodine-doped perylene-based metalâ€“organic framework. Molecular Systems Design and Engineering, 2022, 7, 1065-1072.	1.7	2
17	Anti-cancer and anti-inflammatory activities of a new family of coordination compounds based on divalent transition metal ions and indazole-3-carboxylic acid. Journal of Inorganic Biochemistry, 2021, 215, 111308.	1.5	10
18	Crystallization, Luminescence and Cytocompatibility of Hexagonal Calcium Doped Terbium Phosphate Hydrate Nanoparticles. Nanomaterials, 2021, 11, 322.	1.9	8

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19	Broadening the scope of high structural dimensionality nanomaterials using pyridine-based curcuminoids. Dalton Transactions, 2021, 50, 7056-7064.	1.6	2
20	Phase Transformation Dynamics in Sulfate-Loaded Lanthanide Triphosphonates. Proton Conductivity and Application as Fillers in PEMFCs. ACS Applied Materials & Interfaces, 2021, 13, 15279-15291.	4.0	7
21	Dicopper(II)-EDTA Chelate as a Bicephalic Receptor Model for a Synthetic Adenine Nucleoside. Pharmaceuticals, 2021, 14, 426.	1.7	3
22	Vapour Diffusion Sitting Drop Method to Induce Nucleation of Calcium Phosphate on Exfoliated Graphene and Graphene Oxide Flakes. Crystals, 2021, 11, 767.	1.0	1
23	2-Aminopyrimidinium Decavanadate: Experimental and Theoretical Characterization, Molecular Docking, and Potential Antineoplastic Activity. Inorganics, 2021, 9, 67.	1.2	11
24	Tuning the architectures and luminescence properties of Cu(<scp>i</scp>) compounds of phenyl and carboranyl pyrazoles: the impact of 2D versus 3D aromatic moieties in the ligand backbone. Journal of Materials Chemistry C, 2021, 9, 7643-7657.	2.7	16
25	Furosemide/Non-Steroidal Anti-Inflammatory Drugâ€“Drug Pharmaceutical Solids: Novel Opportunities in Drug Formulation. Crystals, 2021, 11, 1339.	1.0	10
26	Calcium and Strontium Coordination Polymers as Controlled Delivery Systems of the Anti-Osteoporosis Drug Risedronate and the Augmenting Effect of Solubilizers. Applied Sciences (Switzerland), 2021, 11, 11383.	1.3	10
27	Novel Polymorphic Cocrystals of the Non-Steroidal Anti-Inflammatory Drug Niflumic Acid: Expanding the Pharmaceutical Landscape. Pharmaceutics, 2021, 13, 2140.	2.0	9
28	Molecular and supramolecular recognition patterns in ternary copper(II) or zinc(II) complexes with selected rigid-planar chelators and a synthetic adenine-nucleoside. Journal of Inorganic Biochemistry, 2020, 203, 110920.	1.5	5
29	New Multicomponent Forms of the Antiretroviral Nevirapine with Improved Dissolution Performance. Crystal Growth and Design, 2020, 20, 688-698.	1.4	9
30	Two Isostructural URJC-4 Materials: From Hydrogen Physisorption to Heterogeneous Reductive Amination through Hydrogen Molecule Activation at Low Pressure. Inorganic Chemistry, 2020, 59, 15733-15740.	1.9	2
31	Supramolecular architectures of Mn(NCS)2 complexes with N'-(1-(pyridin-4-yl)ethylidene)picolinohydrazide and N'-(phenyl(pyridin-4-yl)methylene)isonicotinohydrazide. Polyhedron, 2020, 190, 114776.	1.0	9
32	Rational design of an unusual 2D-MOF based on Cu(<scp>i</scp>) and 4-hydroxypyrimidine-5-carbonitrile as linker with conductive capabilities: a theoretical approach based on high-pressure XRD. Chemical Communications, 2020, 56, 9473-9476.	2.2	6
33	Interconvertible Hydrochlorothiazideâ€“Caffeine Multicomponent Pharmaceutical Materials: A Solvent Issue. Crystals, 2020, 10, 1088.	1.0	13
34	Magnetic and Luminescent Properties of Isostructural 2D Coordination Polymers Based on 2-Pyrimidinecarboxylate and Lanthanide Ions. Crystals, 2020, 10, 571.	1.0	5
35	Optimization and comparison of statistical tools for the prediction of multicomponent forms of a molecule: the antiretroviral nevirapine as a case study. CrystEngComm, 2020, 22, 7460-7474.	1.3	10
36	Synthesis, Structural Features, and Hydrogen Adsorption Properties of Three New Flexible Sulfur-Containing Metalâ€“Organic Frameworks. Crystal Growth and Design, 2020, 20, 6707-6714.	1.4	6

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37	Strasseriolides Aâ€“D, A Family of Antiplasmodial Macrolides Isolated from the Fungus Strasseria geniculata CF-247251. Organic Letters, 2020, 22, 6709-6713.	2.4	14
38	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. International Journal of Molecular Sciences, 2020, 21, 3146.	1.8	8
39	Anthraceneâ€“styrene-substituted m-carborane derivatives: insights into the electronic and structural effects of substituents on photoluminescence. Inorganic Chemistry Frontiers, 2020, 7, 2370-2380.	3.0	6
40	Interpenetrated Luminescent Metalâ€“Organic Frameworks based on 1H-Indazole-5-carboxylic Acid. Crystal Growth and Design, 2020, 20, 4550-4560.	1.4	9
41	Self-sacrificial MOFs for ultra-long controlled release of bisphosphonate anti-osteoporotic drugs. Chemical Communications, 2020, 56, 5166-5169.	2.2	31
42	Dimeric metallacycles and coordination polymers: Zn(II), Cd(II) and Hg(II) complexes of two positional isomers of a flexible N,O-hybrid bispyrazole derived ligand. Inorganica Chimica Acta, 2020, 506, 119549.	1.2	2
43	Eu-Doped Citrate-Coated Carbonated Apatite Luminescent Nanoprobes for Drug Delivery. Nanomaterials, 2020, 10, 199.	1.9	8
44	Photoluminescence and in vitro cytotoxicity analysis in a novel mononuclear Zn(II) coordination compound based on bumetanide. Inorganica Chimica Acta, 2020, 509, 119708.	1.2	0
45	5-Aminopyridine-2-carboxylic acid as appropriate ligand for constructing coordination polymers with luminescence, slow magnetic relaxation and anti-cancer properties. Journal of Inorganic Biochemistry, 2020, 207, 111051.	1.5	4
46	A Highly Water-Stable meta-Carborane-Based Copper Metalâ€“Organic Framework for Efficient High-Temperature Butanol Separation. Journal of the American Chemical Society, 2020, 142, 8299-8311.	6.6	54
47	In vitro evaluation of leishmanicidal properties of a new family of monodimensional coordination polymers based on diclofenac ligand. Polyhedron, 2020, 184, 114570.	1.0	7
48	Design of cost-efficient and photocatalytically active Zn-based MOFs decorated with Cu₂O nanoparticles for CO₂methanation. Chemical Communications, 2019, 55, 10932-10935.	2.2	34
49	Monoclinic and orthorhombic forms of (RS)-(E)-4-[2-(4-chlorobenzylidene)hydrazinyl]-6,11-dimethyl-6,11-dihydro-5H-benzo[b]pyrimido[5,4-fsynthesis, concomitant polymorphism and supramolecular assembly mediated by Câ€”H...N, Câ€”H...Ï€(arene) and Câ€”Cl...Ï€(arene) interactions. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 686-693.	0.2	1
50	A double basic Sr-amino containing MOF as a highly stable heterogeneous catalyst. Dalton Transactions, 2019, 48, 11556-11564.	1.6	16
51	A Reversible Phase Transition of 2D Coordination Layers by Bâ€“Hâ‹™â‹™Cu(II) Interactions in a Coordination Polymer. Molecules, 2019, 24, 3204.	1.7	7
52	Oâ€“H and (CO)Nâ€“H bond weakening by coordination to Fe(<scp>ii</scp>). Dalton Transactions, 2019, 48, 2179-2189.	1.6	10
53	MOF transmetalation beyond cation substitution: defective distortion of IRMOF-9 in the spotlight. CrystEngComm, 2019, 21, 827-834.	1.3	16
54	Platonic Relationships in Metal Phosphonate Chemistry: Ionic Metal Phosphonates. Crystals, 2019, 9, 301.	1.0	10

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55	Slow-spin relaxation of a low-spin S = 1/2 FeIII carborane complex. Chemical Communications, 2019, 55, 3825-3828.	2.2	17
56	Efficient blue light emitting materials based on m-carboraneâ€“anthracene dyads. Structure, photophysics and bioimaging studies. Biomaterials Science, 2019, 7, 5324-5337.	2.6	20
57	Novel and Versatile Cobalt Azobenzeneâ€Based Metalâ€Organic Framework as Hydrogen Adsorbent. ChemPhysChem, 2019, 20, 1334-1339.	1.0	8
58	Three new tetranuclear phenoxy-bridged metal(II) complexes: Synthesis, structural variation, cryomagnetic properties, DFT study and antiprolifirative properties. Polyhedron, 2019, 161, 198-212.	1.0	26
59	Crystal structure and Hirshfeld surface analysis of diiodido{Nâ€²-[(E)-(phenyl)(pyridin-2-yl-ÎºN)methylidene]pyridine-2-carbohydrazide-Îº²Nâ€²,O}cadmium(II). Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1061-1064.	0.2	0
60	Luminescence properties of carborane-containing distyrylaromatic systems. Journal of Organometallic Chemistry, 2018, 865, 206-213.	0.8	17
61	Copper(II) polyamine chelates as efficient receptors for acyclovir: syntheses, crystal structures and dft study. Polyhedron, 2018, 145, 218-226.	1.0	7
62	Looking at new ligands for chelation therapy. New Journal of Chemistry, 2018, 42, 8021-8034.	1.4	3
63	Cysteine-based 3-substituted 1,5-benzoxathiepin derivatives: Two new classes of anti-proliferative agents. Arabian Journal of Chemistry, 2018, 11, 426-441.	2.3	7
64	Sulfoxideâ€Induced Homochiral Folding of orthoâ€Phenylene Ethynylenes (oâ€OPEs) by Silver(I) Templating: Structure and Chiroptical Properties. Chemistry - A European Journal, 2018, 24, 2653-2662.	1.7	38
65	Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrasulfonate based MOF. New Journal of Chemistry, 2018, 42, 832-837.	1.4	7
66	Photoluminescence in m-carboraneâ€“anthracene triads: a combined experimental and computational study. Journal of Materials Chemistry C, 2018, 6, 11336-11347.	2.7	20
67	Thermal assisted self-organization of calcium carbonate. Nature Communications, 2018, 9, 5221.	5.8	35
68	Highest Reported Denticity of a Synthetic Nucleoside in the Unprecedented Tetradentate Mode of Acyclovir. Crystal Growth and Design, 2018, 18, 4282-4286.	1.4	6
69	A New Kind of Quinonic-Antibiotic Useful Against Multidrug-Resistant S. aureus and E. faecium Infections. Molecules, 2018, 23, 1776.	1.7	11
70	Three-Component Copper-Phosphonate-Auxiliary Ligand Systems: Proton Conductors and Efficient Catalysts in Mild Oxidative Functionalization of Cycloalkanes. Inorganic Chemistry, 2018, 57, 10656-10666.	1.9	19
71	Unsymmetrically urea silatranes: Synthesis, characterization and a selective onâ€“off fluorescence response to acetate anion. Arabian Journal of Chemistry, 2017, 10, 523-531.	2.3	4
72	Classical hydrogen bonding and stacking of chelate rings in new copper(<scp>ii</scp>) complexes. Dalton Transactions, 2017, 46, 2803-2820.	1.6	37

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73	Extensive analysis of Nâ€"H...O hydrogen bonding in four classes of phosphorus compounds: a combined experimental and database study. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 287-297.	0.2	10
74	m-Carboranylphosphinate as Versatile Building Blocks To Design all Inorganic Coordination Polymers. Inorganic Chemistry, 2017, 56, 5502-5505.	1.9	22
75	Precipitation and Crystallization Kinetics in Silica Gardens. ChemPhysChem, 2017, 18, 338-345.	1.0	15
76	Carborane Bis-pyridylalcohols as Linkers for Coordination Polymers: Synthesis, Crystal Structures, and Guest-Framework Dependent Mechanical Properties. Crystal Growth and Design, 2017, 17, 846-857.	1.4	36
77	Crystalline Inclusion Compounds of a Palladacyclic Tetraol Host Featuring oâ€Carborane Units. European Journal of Inorganic Chemistry, 2017, 2017, 4589-4598.	1.0	4
78	Halogen bonded cocrystals of active pharmaceutical ingredients: pyrazinamide, lidocaine and pentoxifylline in combination with haloperfluorinated compounds. CrystEngComm, 2017, 19, 5293-5299.	1.3	29
79	Versatile synthesis and enlargement of functionalized distorted heptagon-containing nanographenes. Chemical Science, 2017, 8, 1068-1074.	3.7	100
80	Two new phosphinic amides: Synthesis, crystal structure, and theoretical study of hydrogen bonding. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 359-367.	0.8	9
81	Substituted phenyl urea and thiourea silatranes: Synthesis, characterization and anion recognition properties by photophysical and theoretical studies. Polyhedron, 2016, 112, 51-60.	1.0	8
82	Metal binding pattern of acyclovir in ternary copper(II) complexes having an S-thioether or S-disulfide NO2S-tripodal tetradentate chelator. Inorganica Chimica Acta, 2016, 452, 258-267.	1.2	10
83	Synthesis, structures and properties of ironIII complexes with (o-carboranyl)bis-(2-hydroxymethyl)pyridine: Racemic versus meso. Inorganica Chimica Acta, 2016, 448, 97-103.	1.2	7
84	Carboranylphosphinic Acids: A New Class of Purely Inorganic Ligands. Chemistry - A European Journal, 2016, 22, 3665-3670.	1.7	9
85	Switchable Surface Hydrophobicityâ€"Hydrophilicity of a Metalâ€"Organic Framework. Angewandte Chemie, 2016, 128, 16283-16287.	1.6	7
86	Switchable Surface Hydrophobicityâ€"Hydrophilicity of a Metalâ€"Organic Framework. Angewandte Chemie - International Edition, 2016, 55, 16049-16053.	7.2	76
87	Stapled helical o-OPE foldamers as new circularly polarized luminescence emitters based on carbophilic interactions with Ag(<scp>i</scp>)-sensitivity. Chemical Science, 2016, 7, 5663-5670.	3.7	84
88	Luminescent and Proton Conducting Lanthanide Coordination Networks Based On a Zwitterionic Tripodal Triphosphonate. Inorganic Chemistry, 2016, 55, 7414-7424.	1.9	57
89	Cation Exchange Strategy for the Encapsulation of a Photoactive CO-Releasing Organometallic Molecule into Anionic Porous Frameworks. Inorganic Chemistry, 2016, 55, 6525-6531.	1.9	32
90	Hydroxypyridinones with enhanced iron chelating properties. Synthesis, characterization and in vivo tests of 5-hydroxy-2-(hydroxymethyl)pyridine-4(1H)-one. Dalton Transactions, 2016, 45, 6517-6528.	1.6	27

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91	Design, synthesis and biological evaluation of chalconyl blended triazole allied organosilatranes as giardicidal and trichomonacidal agents. European Journal of Medicinal Chemistry, 2016, 108, 287-300.	2.6	47
92	NMR assignments and structural characterization of new thiourea and urea kynurenamine derivatives nitric oxide synthase inhibitors. Magnetic Resonance in Chemistry, 2015, 53, 1071-1079.	1.1	2
93	Incorporation of azo group at axial position of silatranes: synthesis, characterization and antimicrobial activity. Applied Organometallic Chemistry, 2015, 29, 549-555.	1.7	16
94	X-ray and NMR Crystallography Studies of Novel Theophylline Cocrystals Prepared by Liquid Assisted Grinding. Crystal Growth and Design, 2015, 15, 3674-3683.	1.4	57
95	Amide-tethered organosilatranes: Syntheses, structural characterization and photophysical properties. Inorganica Chimica Acta, 2015, 433, 78-91.	1.2	20
96	Synthesis, characterization, electronic absorption and antimicrobial studies of N-(silatranylpropyl)phthalimide derived from phthalic anhydride. Inorganica Chimica Acta, 2015, 427, 232-239.	1.2	30
97	Is Molecular Chirality Connected to Supramolecular Chirality? The Particular Case of Chiral 2-Pyridyl Alcohols. Crystal Growth and Design, 2015, 15, 935-945.	1.4	17
98	Growth Behavior of Monohydrocalcite (CaCO3Â·H2O) in Silica-Rich Alkaline Solution. Crystal Growth and Design, 2015, 15, 564-572.	1.4	17
99	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(<scp>ii</scp>) halogenideâ€“tetradentate Schiff base complexes. CrystEngComm, 2015, 17, 3493-3502.	1.3	29
100	Synthesis, X-Ray Structure and Anti-Bacterial Studies of 1,3-Thiazolylpropylsilatranes. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1971-1979.	0.8	1
101	Metal complexes with N-(trifluoromethylbenzyl)iminodiacetate chelators (x-3F ligands). Part I. Copper(II) chelates of p-3F, m-3F, and o-3F with or without imidazole-like ligands. Journal of Coordination Chemistry, 2015, 68, 2739-2759.	0.8	0
102	Molecular recognition between adenine or 2,6-diaminopurine and copper(II) chelates with N,O2,S-tripodal tetradentate chelators having thioether or disulfide donor groups. Journal of Inorganic Biochemistry, 2015, 151, 75-86.	1.5	5
103	Lights and shadows in the challenge of binding acyclovir, a synthetic purine-like nucleoside with antiviral activity, at an apicalâ€“distal coordination site in copper(II)-polyamine chelates. Journal of Inorganic Biochemistry, 2015, 148, 84-92.	1.5	19
104	Zinc(II) and copper(II) complexes with hydroxypyrone iron chelators. Journal of Inorganic Biochemistry, 2015, 151, 94-106.	1.5	15
105	Tuning Proton Conductivity in Alkali Metal Phosphonocarboxylates by Cation Size-Induced and Water-Facilitated Proton Transfer Pathways. Chemistry of Materials, 2015, 27, 424-435.	3.2	82
106	Synthesis and characterization of modified Schiff base silatranes (MSBS) via â€˜Click Silylationâ€™. Journal of Molecular Structure, 2015, 1079, 173-181.	1.8	26
107	Synthesis and structural characterization of 2-D layered copper(II) styrylphosphonate coordination polymers. Journal of Coordination Chemistry, 2014, 67, 1562-1572.	0.8	19
108	Searching for new aluminium chelating agents: A family of hydroxypyrone ligands. Journal of Inorganic Biochemistry, 2014, 130, 112-121.	1.5	28

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109	Guest Molecule-Responsive Functional Calcium Phosphonate Frameworks for Tuned Proton Conductivity. Journal of the American Chemical Society, 2014, 136, 5731-5739.	6.6	206
110	A Racemic and Enantiopure Unsymmetric Diiron(III) Complex with a Chiral oâ€Carboraneâ€Based Pyridylalcohol Ligand: Combined Chiroptical, Magnetic, and Nonlinear Optical Properties. Chemistry - A European Journal, 2014, 20, 1081-1090.	1.7	25
111	Stereospecific alkylation of substituted adenines by the Mitsunobu coupling reaction under microwave-assisted conditions. RSC Advances, 2014, 4, 22425-22433.	1.7	16
112	Synthesis, Structure, and Catalytic Applications for ortho- and meta-Carboranyl Based NBN Pincer-Pd Complexes. Inorganic Chemistry, 2014, 53, 9284-9295.	1.9	57
113	A new bis-3-hydroxy-4-pyrone as a potential therapeutic iron chelating agent. Effect of connecting and side chains on the complex structures and metal ion selectivity. Journal of Inorganic Biochemistry, 2014, 141, 132-143.	1.5	30
114	Synthesis, thermogravimetric study and crystal structure of an N-rich copper(II) compound with tren ligands and nitrate counter-anions. Thermochimica Acta, 2014, 593, 7-11.	1.2	6
115	Unprecedented 4/5-methylimidazole linkage isomerism within a binuclear copper(II) complex molecule. Inorganic Chemistry Communication, 2014, 42, 20-22.	1.8	1
116	Cocrystallization of Mononuclear and Trinuclear Metallacycle Molecules from an Aqueous Mixed-Ligand Copper(II) Solution. Crystal Growth and Design, 2014, 14, 889-892.	1.4	9
117	Ti(III)-Catalyzed Cyclizations of Ketoepoxypolyprenes: Control over the Number of Rings and Unexpected Stereoselectivities. Journal of the American Chemical Society, 2014, 136, 6943-6951.	6.6	30
118	Synthesis and Crystallographic Studies of Disubstituted Carboranyl Alcohol Derivatives: Prevailing Chiral Recognition?. Crystal Growth and Design, 2013, 13, 1473-1484.	1.4	16
119	Crystallization of monohydrocalcite in a silica-rich alkaline solution. CrystEngComm, 2013, 15, 6526.	1.3	12
120	A family of hydroxypyrone ligands designed and synthesized as iron chelators. Journal of Inorganic Biochemistry, 2013, 127, 220-231.	1.5	27
121	Molecular recognition modes between adenine or adeniniun(1+) ion and binary MII(pdc) chelates (MCoZn; pdc=pyridine-2,6-dicarboxylate(2-) ion). Journal of Inorganic Biochemistry, 2013, 127, 211-219.	1.5	11
122	From 7-azaindole to adenine: molecular recognition aspects on mixed-ligand Cu(ii) complexes with deaza-adenine ligands. Dalton Transactions, 2013, 42, 6119.	1.6	19
123	Synthesis and Characterization of Zinc(II) and Cadmium(II) Mixed Ligand Trichloroacetate Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 283-288.	0.6	2
124	Structural insights on the molecular recognition patterns between N6-substituted adenines and N-(aryl-methyl)iminodiacetate copper(II) chelates. Journal of Inorganic Biochemistry, 2013, 127, 141-149.	1.5	6
125	Structural Consequences of the N7 and C8 Translocation on the Metal Binding Behavior of Adenine. Inorganic Chemistry, 2013, 52, 1916-1925.	1.9	7
126	Enantiospecific Synthesis of Heterocycles Linked to Purines: Different Apoptosis Modulation of Enantiomers in Breast Cancer Cells. Current Medicinal Chemistry, 2013, 20, 4924-4934.	1.2	11

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127	trans-Diaquabis(<scp>L</scp>-phenylalaninato-Î¹²N,O)nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m446-m446.	0.2	2
128	Versatile Bottomâ€up Approach to Stapled Ï€â€Conjugated Helical Scaffolds: Synthesis and Chiroptical Properties of Cyclic oâ€Phenylene Ethynylene Oligomers. Angewandte Chemie - International Edition, 2012, 51, 13036-13040.	7.2	31
129	Crystal engineering in confined spaces. A novel method to grow crystalline metal phosphonates in alginate gel systems. CrystEngComm, 2012, 14, 5385.	1.3	32
130	Multifunctional Luminescent and Proton-Conducting Lanthanide Carboxyphosphonate Open-Framework Hybrids Exhibiting Crystalline-to-Amorphous-to-Crystalline Transformations. Chemistry of Materials, 2012, 24, 3780-3792.	3.2	162
131	Characterization of 4,5-Dihydro-1H -Pyrazole Derivatives by 13 C NMR Spectroscopy. Magnetic Resonance in Chemistry, 2012, 50, 58-61.	1.1	3
132	NMR spectroscopic characterization of new 2,3â€dihydroâ€1,3,4â€thiadiazole derivatives. Magnetic Resonance in Chemistry, 2012, 50, 515-522.	1.1	1
133	Metal ion binding modes of hypoxanthine and xanthine versus the versatile behaviour of adenine. Coordination Chemistry Reviews, 2012, 256, 193-211.	9.5	41
134	Isotype 1D polymers of cobalt(II) or zinc(II) constructed with square-planar tetraaqua-metal(2+) units and the bis-zwitterionic form of the Î¼2-O,Oâ€²-trans-1,4-dihydrogen-cyclohexanediaminotetraacetate(2âˆ’) ligand. Polyhedron, 2012, 31, 463-471.	1.0	2
135	On/off electrochemical switches based on quinone-bisketals. Chemical Communications, 2011, 47, 1586-1588.	2.2	18
136	Synthesis, spectroscopic, and thermal analyses of binuclear mixed ligand Co(II) and Ni(II) complexes. Journal of Coordination Chemistry, 2011, 64, 1544-1553.	0.8	8
137	Common Structural Features in Calcium Hydroxyphosphonoacetates. A High-Throughput Screening. Crystal Growth and Design, 2011, 11, 1713-1722.	1.4	32
138	Chelating Ligand Conformation Driving the Hypoxanthine Metal Binding Patterns. Inorganic Chemistry, 2011, 50, 10549-10551.	1.9	19
139	Anhydrous Lithium Acetate Polymorphs and Its Hydrates: Three-Dimensional Coordination Polymers. Crystal Growth and Design, 2011, 11, 1021-1032.	1.4	29
140	Divalent Metal Vinylphosphonate Layered Materials: Compositional Variability, Structural Peculiarities, Dehydration Behavior, and Photoluminescent Properties. Inorganic Chemistry, 2011, 50, 11202-11211.	1.9	25
141	Poly(ethylene) oxide for small-molecule crystal growth in gelled organic solvents. Journal of Applied Crystallography, 2011, 44, 172-176.	1.9	22
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143	Heterometallic Oximatoâ€Bridged Linear Trinuclear Ni^{II}â€M^{III}â€Ni^{II} (M^{III} = Mn, Fe, Tb) Complexes Constructed with the facâ€³ [Ni(HL)₃]^{â€“} Metalloligand (H₂L = pyrimidineâ€2â€carboxamide oxime): A Theoretical and Experimental Magnetoâ€Structural Study. European Journal of Inorganic Chemistry, 2011, 2011, 5225-5232.	1.0	18
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150	Structure of the first dinuclear Ni(II) complex with an azapurine derivative (the anionic form of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 1081-1084.	1.8	0
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170	The first metal chelate of un-substituted 2,6-pyridine-dicarboxamide (pdcam): synthesis, molecular and crystal structure, and properties of [CuII(pdc)(pdcam)]Â·2H2O (pdc=2,6-pyridine-dicarboxylato(2â¯)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	13
171	Mixed-ligand Complexes with 2,6-Pyridinedicarboxylato(2-) and 4,7-Diphenyl-1,10-Phenanthroline Ligands, [MII(pdc)(DPphen)(H2O)]Â·H2O (M = Co or Cu). Synthesis, Crystal Structures and Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2081-2085.	0.6	8
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