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A critical account on ?? stacking in metal complexes with aromatic nitrogen-containing ligands

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2214	Synthesis, structures and rac/meso isomerization behaviour of bisplanar chiral bis(phosphino-函-indenyl)iron(II) complexes. <b>2004</b> , 689, 1897-1910	16
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2197	Intermolecular Interactions between Chelate Rings and Phenyl Rings in Square-Planar Copper(II) Complexes. <b>2004</b> , 2004, 2215-2218	52
2196	Syntheses and Characterizations of Metal-Organic Frameworks with Unusual Topologies Derived from Flexible Dipyridyl Ligands. <b>2004</b> , 2004, 3751	12
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2155	2-D open frameworks and blue fluorescence of two new zinc coordination polymers with mixed ligands. <b>2004</b> , 7, 1145-1149	68
2154	A novel one-dimensional helical chain polymer involving both tetra- and hexacoordinate mercury(II) ions. <b>2004</b> , 7, 1184-1187	43
2153	One- or two-dimensional 2,3-naphtho crown ether complexes [Na(N15C5)]2[M(SCN)4] and [K(N18C6)]2[M(SCN)4] (M = Pd, Pt) constructed by pi-pi stacking interactions. <b>2004</b> , 2918-22	34

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2081	Unusual perchlorate binding in heptacoordinated cadmium(II)thiocyanate containing a pentadentate Schiff base. <b>2005</b> , 8, 700-703	23

2080	[Pb2(2,2?-bipy)2(日,4?-bipy)(NO3)4]: A novel hemidirected dimeric mixed-ligands lead(II) complex extended in holodirected two-dimensional polymer by weak PbDnitrate interactions. <b>2005</b> , 8, 773-776	48
2079	Three-layer Estacking in a dinuclear Cd(NO3)2 complex formed from a new four-armed thiopyridine ligand. <b>2005</b> , 8, 967-970	8
2078	Crystal structures and luminescent properties of the lanthanide picrate complexes with an amide-type tripodal ligand. <b>2005</b> , 8, 1018-1021	23
2077	3D supramolecular network constructed by intermolecular interactions in mixed ligand complex of zinc. <b>2005</b> , 8, 1090-1093	18
2076	A novel infinite 1D covalent chain of end-to-end thiocyanato bridged heptacoordinated cadmium(II)Schiff base: Interaction and weak CHB hydrogen bonded supramolecule. <b>2005</b> , 8, 1137-1140	30
2075	Metal-organic molecular architectures with 2,2?-bipyridyl-like and carboxylate ligands. <b>2005</b> , 249, 545-565	900
2074	Counterintuitive affinity of [2.2]paracyclophane to cations. <b>2005</b> , 408, 59-64	11
2073	Synthesis and crystal structure of a new metal®rganic coordination polymer [Fe(4,4?-bpy)3(H2O)2](PF6)2⁄2(4,4?-bpy)⁄5′H2O with nanosized channels clathrate large organic molecules. <b>2005</b> , 8, 1005-1010	8
2072	Coordination polymers formed in solution and in solvent-free environment. Structural transformation due to interstitial solvent removal revealed by X-ray powder diffraction. <b>2005</b> , 3274-6	22
2071	Coordination behavior toward copper(II) and zinc(II) ions of three ligands joining 3-hydroxy-2-pyridinone and polyaza fragments. <b>2005</b> , 44, 3249-60	20
2070	Supramolecular chemistry of halogens: complementary features of inorganic (M-X) and organic (C-X') halogens applied to M-XX'-C halogen bond formation. <b>2005</b> , 127, 5979-89	341
2069	Structural investigation of model compounds for an acceptor component of a new type of charge-transfer complexes based on viologen analogues. Characteristic features of the molecular and supramolecular structures. <b>2005</b> , 50, 234-253	9
2068	Very-low temperature magnetic ordering and dimensionality of the square planar system cobalt(II) phenoxyacetate. <b>2005</b> , 7, 431-436	23
2067	Metal-organic frameworks based on iron oxide octahedral chains connected by benzenedicarboxylate dianions. <b>2005</b> , 7, 1096-1103	195
2066	Columnar Mesomorphism in Hexacatenar Tetrahedral (2,2?-Bipyridine)zinc Complexes and Homologous Palladium Derivatives. <b>2005</b> , 2005, 181-188	46
2065	A Novel Two-Dimensional Layer Structure Built from a Tetracobalt(II)-p-sulfonatothiacalix[4]arene Cluster Unit. <b>2005</b> , 2005, 1182-1187	22
2064	Syntheses, Structures and Magnetic Properties of Layered Metal(II) Mandelates. 2005, 2005, 662-669	31
2063	Syntheses, Structures, and Magnetic Properties of Two 1D, Mixed-Ligand, Metal Coordination Polymers, [M(C4O4)(dpa)(OH2)] (M = Coll, Nill, and Znll; dpa = 2,2'-dipyridylamine) and [Cu(C4O4)(dpa)(H2O)]24(H2O). 2005, 2005, 1334-1342	29

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2062	Structural Studies of Rare Earth/Transition Metal Complex Ion Systems as a Basis for Understanding Their Thermal Decomposition to Mixed Oxides. <b>2005</b> , 2005, 1127-1141	41
2061	Intramolecular IIH—(Metal Chelate Ring) Interactions (Ias Structural Evidence for Metalloaromaticity in Bis(pyridine-2,6-diimine) Rull Complexes. <b>2005</b> , 2005, 1585-1588	61
2060	From Mono- and Dinuclear to Polynuclear Cobalt(II) and Cobalt(III) Coordination Compounds Based on o-Phthalic Acid and 2,2'-Bipyridine: Synthesis, Crystal Structures, and Properties. <b>2005</b> , 2005, 3118-3130	42
2059	Molecular Recognition: Use of Metal-Containing Molecular Clefts for Supramolecular Self-Assembly and Host <b>G</b> uest Formation. <b>2005</b> , 2005, 2015-2025	58
2058	New Cadmium(II) and Iron(II) Coordination Frameworks Incorporating a Di(4-pyridyl)isoindoline Ligand. <b>2005</b> , 2005, 2470-2475	7
2057	Non-Covalent Aggregation of Discrete Metallo-Supramolecular Helicates into Higher Assemblies by Aromatic Pathways: Structural and Chemical Studies of New Aniline-Based Neutral Metal(II) Dihelicates. <b>2005</b> , 2005, 3479-3490	34
2056	Homo- and Heteroduplex Complexes Containing Terpyridine-Type Ligands and Zn2+. <b>2005</b> , 2005, 4255-4262	55
2055	Crystal Structure and Magnetic Behaviour of the New Gadolinium Complex Compound Gd2(ClH2CCOO)6(bipy)2. <b>2005</b> , 2005, 4486-4489	40
2054	A Novel One-Dimensional Coordination Polymer Involving Weak Hg?Hg Interactions. 2005, 88, 2267-2271	41
2053	Roles of Anions in Pyridinecarboxamide-copper(II) Supramolecular Networks. <b>2005</b> , 23, 1001-1006	3
2052	Synthesis, Crystal Structure and Characterization of [ZnL2Cl2] •2H2O (L=N?-Benzoylpyridine-4-hydrazide). <b>2005</b> , 23, 1400-1402	3
2051	Supramolecular interactions as determining factors of the geometry of metallic building blocks: tetracarboxylate dimanganese species. <b>2005</b> , 44, 3429-32	26
2050	Molecular engineering for single-chain-magnet behavior in a one-dimensional dysprosium-nitronyl nitroxide compound. <b>2005</b> , 44, 5817-21	410
2049	Supramolecular Interactions as Determining Factors of the Geometry of Metallic Building Blocks: Tetracarboxylate Dimanganese Species. <b>2005</b> , 117, 3495-3498	3
2048	Molecular Engineering for Single-Chain-Magnet Behavior in a One-Dimensional Dysprosium⊠itronyl Nitroxide Compound. <b>2005</b> , 117, 5967-5971	55
2047	Chiral Crystal Structure of Racemic Binaphthyl Poly(ether ketone) Macrocycles. <b>2005</b> , 26, 554-557	6
2046	Metallophilicity versus pi-pi interactions: ligand-unsupported argentophilicity/cuprophilicity in oligomers-of-dimers [M2L2]n (M=CuI or AgI, L=tridentate ligand). <b>2005</b> , 11, 552-61	124
2045	Water-insoluble Ag-U-organic assemblies with photocatalytic activity. <b>2005</b> , 11, 2642-50	236

2044	Organostannoxane-supported multiferrocenyl assemblies: synthesis, novel supramolecular structures, and electrochemistry. <b>2005</b> , 11, 5437-48	75
2043	Guest-induced supramolecular isomerism in inclusion complexes of T-shaped host 4,4-bis(4'-hydroxyphenyl)cyclohexanone. <b>2005</b> , 11, 6727-42	85
2042	Radical and migratory insertion reaction mechanisms in Schiff base zirconium alkyls. <b>2005</b> , 690, 5125-5144	47
2041	Lead(II): misleading or merely hermaphroditic?. <b>2005</b> , 8, 157-168	54
2040	Adsorbent Selection by Functional Group Interaction Screening for Peptide Recovery. 2005, 11, 881-886	4
2039	Synthesis and Crystal Structure of [Co(H2O)6](C19H17O4SO3)2?8H2O. <b>2005</b> , 16, 415-420	10
2038	Hydrogen Bonding and Aromatic <b>S</b> tacking in the Crystal Structures of Water-Soluble Daidzein Derivatives. <b>2005</b> , 16, 461-468	8
2037	One Novel Cu(II)Amino Acid Schiff Base Complex Derived from Salicylaldehyde and L-Serine: Identification of Unusual Monodentate 4,4?-Bipyridine. <b>2005</b> , 16, 611-616	31
2036	Two-dimensional crown ether complex. Synthesis and crystal structure of [Na(N15C5)]2[Cu(mnt)2]. <b>2005</b> , 35, 345-350	6
2035	Synthesis and crystal structure of 7-ethoxyl-4?-hydroxyisoflavone. <b>2005</b> , 35, 89-95	5
2034	C(4) helices, Br?sBr interaction and R 24 (10) ring in bromoipriflavone. <b>2005</b> , 35, 101-105	1
2033	Syntheses and crystal structures of two soybean isoflavone derivatives. <b>2005</b> , 35, 679-686	4
2032	Hydrogen bonds and 🖟 tacking interaction in 4?, 7-dimethoxylisoflavone and 4?,7-diacetyl-O-isoflavone. <b>2005</b> , 35, 923-929	1
2031	Synthesis and crystal structure of [Zn(H2O)6]X2 . 8H2O (X = 4?,7-dimethoxylisoflavone-3?-sulfonate). <b>2005</b> , 35, 989-994	2
2030	Nickel(II) complexes with N,N,O-donor Schiff bases. Self-assembly to two-dimensional network via hydrogen bonding. <b>2005</b> , 35, 737-744	11
2029	Dimeric ensembles in the crystal structures of mixed-ligand coordination compounds ML(i-Bu2PS2)2 (M = Zn, Cd, Mn, Co, Ni; L = Phen, 2,2?-Bipy). <b>2005</b> , 46, 699-707	
2028	Synthesis and crystal and molecular structure of mixed-ligand complexes Cd(2,2?-Bipy)(i-PrOCS2)2 and (2,2?-Bipy)(i-BuOCS2)2. <b>2005</b> , 46, 1023-1030	7
2027	Crystal structure of tris(1,10-phenanthroline) iron(II) dinitrate dihydrate. <b>2005</b> , 46, 1095-1098	7

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2026	Copper(II) Complex. The Crystal Structure of [7,16-dibenzotetraaza[14]annulene [7,16-dibenzotetraaza[14]annu	4
2025	[tetraazacyclotetradecinato(2-)- k 4N]copper(II) pyridine. 2005, 52, 261-266 Synthesis and Crystal Structures of Group 10 Metal Bis(dithiolate) Complexes Constructed by 2,3-Naphtho-15-Crown-5 or 2,3-Naphtho-18-Crown-6. 2005, 53, 111-119	11
2024	Synthesis and structures of azine-based crown-containing hetarylphenylethenes. <b>2005</b> , 54, 1700-1709	5
2023	The Structure of cis-[Chloro(dimethylsulfoxide)bis(1, 10-phenanthroline)ruthenium(II)]-tetraphenylborate, [RuCl(DMSO)(1, 10-phen)2][BPh4]. <b>2005</b> , 631, 17-18	1
2022	Hydrothermal Syntheses and Structural Studies of Lanthanide Coordination Polymers Involving In-Situ Decarboxylation and their Luminescence Properties. <b>2005</b> , 631, 937-942	50
2021	[Pb2(AMP)2(EX)2X2], X = Br[and IDAMP = 2-aminomethylpyridine, Two New Dimeric Lead(II) Complexes Extended in One-dimensional Helical Chain Polymers by Noncovalent Estacking. <b>2005</b> , 631, 943-946	4
2020	[Hg2(Ebpe)(EDAc)2(ESCN)2]n, a New Two-Dimensional Coordination Polymer Involving Three Simultaneously Bridging Ligands: 1,2-Bis(4-pyridyle)ethene, Acetate, and Thiocyanate. <b>2005</b> , 631, 1577-1579	15
2019	Coordination Polymers of Iron(III) and (II) with 4,4?-Bipyridine: Hydrothermal Syntheses, Structures, Absorption and Mssbauer Studies Showing Spin Crossover for the Iron(III) Polymer. <b>2005</b> , 631, 2705-2714	36
2018	Mononuclear Metal Phosphinates with Ancillary Pyrazole Ligands. Synthesis and X-ray Crystal Structures of [M(Ph2PO2)2(3,5-DMPZ)2] (M = Co, Zn). <b>2005</b> , 631, 2727-2732	7
2017	Hydrothermal Synthesis, Structure, and Magnetic Properties of a Three-dimensional Polymeric Nill Complex, [Ni(bpp)(NIP)(H2O)]n (bpp = 1,3-di(4-pyridyl)propane, NIP = 5-nitroisophthalate). <b>2005</b> , 631, 2976-2978	19
2016	Synthesis and Crystal Structure of a [Mo8O26]4ICluster Derivative with 4-MePyH+. First #Octamolybdate Derivative with IStacking. <b>2005</b> , 631, 1995-1999	7
2015	Variability in the Coordination Modes of 2-Pyridineformamide Thiosemicarbazone (HAm4DH) in some Zinc(II), Cadmium(II), and Mercury(II) Complexes. <b>2005</b> , 631, 2011-2019	22
2014	Electrochemical Synthesis and Characterization of Nickel(II) Complexes with N-2-Pyridyl-sulfonamide Ligands. <b>2005</b> , 631, 2101-2106	3
2013	Supramolecular assemblies of crown-containing 4-styrylpyridine in the presence of metal cations. <b>2005</b> , 18, 1032-1041	16
2012	New mixed-anion 2-aminomethylpyridine (AMP) lead(II) complexes, Pb(AMP) n (ClO4)X, (X=CH3COOland n=1 or X= and n=2); crystal and molecular structure of [Pb(AMP)2](ClO4)(NO3). <b>2005</b> , 58, 1233-1239	6
2011	Structural Diversity in One-dimensional Coordination Polymers of a Flexible Multimodal Ligand. <b>2005</b> , 17, 557-565	3
2010	Novel crystal engineering in the crown ether nickel maleonitriledithiolate complexes, synthesis and crystal structures of [Na(N15C5)2]2[Ni(mnt)2] and [Na(N15C5)]2[Ni(mnt)2]. <b>2005</b> , 58, 1597-1605	2
2009	Metal®rganic Coordination Networks of Ferric Wheels, their Surface-supported Supramolecular Architectures and STM/STS Imaging. <b>2005</b> , 17, 315-321	28

2008	Three pimelato-bridged Cu(II) phenanthroline complexes: [Cu2(phen)2(H2O)2L2]•́4H2O, ⊞- and ⊕[Cu2(phen)2L2]•́4H2O, H2L = HOOC(CH2)5COOH. <b>2005</b> , 58, 1199-1208	2
2007	Synthesis, complexation, and photochemistry of benzobisthiazole-based bis(crown ether). <b>2005</b> , 54, 2119-212	B3
2006	Biological coordination chemistry, a confluence of chemistry and biochemistry. <b>2005</b> , 8, 199-210	1
2005	Ligand-controlled mixed-valence copper rectangular grid-type coordination polymers based on pyridylterpyridine. <b>2005</b> , 44, 7825-32	110
2004	Syntheses, Structural Characterization, and First Electroluminescent Properties of Mono-cyclometalated Platinum(II) Complexes with Greater than Classical <b>I</b> Stacking and Pt <b>P</b> t Distances <b>2005</b> , 24, 619-627	97
2003	Hydrogen-bonding, Estacking and ClEanionlinteractions of linear bipyridinium cations with phosphate, chloride and [CoCl4]2lanions. <b>2005</b> , 7, 633	161
2002	Crystal structure, magnetic properties, and 57Fe M\(\text{S}\)shauer spectroscopy of the two-dimensional coordination polymers [M(1,2-bis(1,2,4-triazol-4-yl)ethane)2(NCS)2] (MII = Fe, Co). <b>2005</b> , 44, 9723-30	76
2001	Stereospecific Intramolecular S->Pt Transmethylation from 8-(Methylthio)quinoline to Coordinated PtMe2: Formation of syn-[fac-PtIVMe3(E8-quinolinethiolato)]2 with Stacked Quinoline Rings. <b>2005</b> , 24, 794-796	2
<b>2</b> 000	Unusual coordination features and self-assembly of a crown ether complex [Na2(2,3-naphtho-15-crown-5)2(NO3)][Cu(NO3)3(H2O)]. <b>2005</b> , 58, 1127-1132	5
1999	Self-assembly of copper(ii) complexes with ladder, bi-rack, rackladderrack and layer structures by the directional-bonding approach using a T-shaped ligand. <b>2005</b> , 2899-907	50
1998	New double-layered open metal@rganic frameworks with nanosized channels encapsulated removable 2,5-bis(4-pyridyl)-1,3,4-thiadiazole molecules. <b>2005</b> , 7, 96-101	22
1997	Synthesis of mono- and geminal dimetalated carbanions of bis(phenylsulfonyl)methane using alkali metal bases and structural comparisons with lithiated bis(phenylsulfonyl)imides. <b>2005</b> , 2084-91	16
1996	Chiral S-1,1?-bi-2-naphthol (S-BINOL) as a synthon for supramolecular hydrogen-bonded {(S-BINOLATnIXS-BINOL)n}-strands with naphthyl-paneled cavities or channels for a Cd(NH3)4-fragment (n = 2) or [Ag(NH3)2]+ (n = 1). Part 2. <b>2005</b> , 7, 309	27
1995	Substituent effects on the structure and supramolecular assembly of bis(dioxaborole)s. 2005, 5166-8	21
1994	Synthesis, crystal structure and magnetic behavior of a croconato bridged Cu(II) complex: effect of CH?O interaction in controlling the coordination bond formation in organicIhorganic hybrid. <b>2005</b> , 7, 616	41
1993	Syntheses and crystal structures of the copper(I) complexes with quinoline-based monothioether ligands. <b>2005</b> , 7, 249	65
1992	Synthesis, structures, and photoluminescent properties of two ligand unsupported silver(I) coordination polymers from isonicotinate anions. <b>2005</b> , 29, 474	30
1991	Functionalized Organotellurium Halides: Synthesis, Characterization, and Observation of Intra- and Intermolecular Secondary Bonding. <b>2005</b> , 180, 1057-1062	O

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1990	Templated metal-organic frameworks: synthesis, structures, thermal properties and solid-state transformation of two novel calcium-adipate frameworks. <b>2005</b> , 2111-5	37
1989	A supramolecular assembly of side-by-side polyimidazole tripod coils stabilized by pi-pi stacking and unique boric acid templated hydrogen bonding interactions. <b>2005</b> , 2223-5	25
1988	Anion-directed assembly of supramolecular zinc(II) halides with N,N?-bis-4-methyl-pyridyl oxalamide. <b>2005</b> , 29, 1254	34
1987	Cuprophilic and pi-stacking interactions in the formation of supramolecular stacks from dicoordinate organocopper complexes. <b>2005</b> , 1708-10	72
1986	Ligand-controlled dimensionality: 1D, 2D and 3D Gd(III) coordination polymers based on SO42land pyridine carboxylate N-oxide ligands. <b>2005</b> , 7, 143	53
1985	Homochiral 1D-helical metalorganic frameworks from achiral components. Formation of chiral channel via CH?Cl interaction. <b>2005</b> , 7, 337	67
1984	From model compounds to protein binding: syntheses, characterizations and fluorescence studies of $[RuII(bipy)(terpy)L]2+$ complexes (bipy = 2,2'-bipyridine; terpy = 2,2':6',2''-terpyridine; L = imidazole, pyrazole and derivatives, cytochrome c). <b>2005</b> , 256-67	136
1983	Interplay of hydrogen bonding and aromatic ring interactions in supramolecular complexes of phenazine with N,N?-bis(2-pyridyl)aryldiamines. <b>2005</b> , 7, 433	7
1982	Synthesis, structure, and stereochemistry of trinuclear metal complexes formed from the phosphorus-based achiral tripodal ligand {P(S)[N(Me)N=CHC6H4-o-OH]3} (LH3): luminescent properties of L2Cd3 x 2H2O. <b>2005</b> , 44, 4608-15	29
1981	Effect of the Size of Aromatic Chelate Ligands on the Frameworks of Metal Dicarboxylate Polymers: From Helical Chains to 2-D Networks. <b>2005</b> , 5, 695-700	145
1980	X-ray study of two new cadmium acetato complexes. <b>2005</b> , 58, 243-253	16
1979	Novel eta1-N,eta2-C,C-binding mode between pyridinyl-functionalized cyclopentadienyl ligands and iridium. <b>2005</b> , 44, 6244-7	8
1978	Increasing Structural Dimensionality in Ag(I) Coordination Polymers Formed from the Same Flexible Multimodal Thioether Pyrazine Ligand. <b>2005</b> , 5, 1255-1261	40
1977	Polymeric Frameworks Constructed from a Metal Drganic Coordination Compound, in 1-D and 2-D Systems: Synthesis, Crystal Structures, and Fluorescent Properties. <b>2005</b> , 5, 341-346	118
1976	Self-assembly of tetrathiafulvalene derivatives at a liquid/solid interfacedompositional and constitutional influence on supramolecular ordering. <b>2005</b> , 15, 4601	58
1975	Synthesis, electronic properties, and electrochemiluminescence of donor-substituted phenylethynylanthronitriles. <b>2005</b> , 70, 4460-9	55
1974	Synthesis and crystallographic characterization of low-dimensional and porous coordination compounds capable of supramolecular aromatic interaction using the 4,4'-azobis(pyridine) ligand. <b>2005</b> , 44, 3960-71	48
1973	Coordination polymers from silver(I) and bifunctional pyridyl ligands. <b>2005</b> , 44, 2647-53	80

1972	Geometrical and electronic structures of dinuclear complex ions {(mu-bpym)[Cu(EAr3)2]2}2+ with intramolecular "organic sandwich" formation (E = P or As; Ar = Aryl; bpym = 2,2'-bipyrimidine). <b>2005</b> , 44, 4637-43	22
1971	Polymorphism in Fe[(p-IC6H4)B(3-Mepz)3]2 (pz = pyrazolyl): impact of supramolecular structure on an iron(II) electronic spin-state crossover. <b>2005</b> , 44, 1852-66	88
1970	Assembly of polymeric silver(I) complexes of isomeric phenylenediethynides with the supramolecular synthons Agn subset C2-R-C2 superset Agn (R = p-, m-, o-C6H4; n = 4, 5). <b>2005</b> , 127, 14966-7	65
1969	Computer Simulation of Crystal Structure for Three Furazan Derivatives. <b>2005</b> , 5, 631-641	4
1968	Synthesis and structures of 5-(pyridyl)tetrazole complexes of Mn(II). 2005, 2388-94	83
1967	Synthesis, crystal structures, and magnetism of cobalt coordination polymers based on dicyanamide and pyrazine-dioxide derivatives. <b>2005</b> , 44, 2169-76	108
1966	Synthesis, Structure, and Redox Chemistry of Ethenyl and Ethynyl Ferrocene Polyaromatic Dyads. <b>2005</b> , 24, 2051-2060	75
1965	Synthesis and spectroscopy of an oligophenyl based cruciform with remarkable pi-pi assisted folding. <b>2005</b> , 3, 3213-9	31
1964	Effect of intramolecular pi-pi and CH-pi interactions between ligands on structure, electrochemical and spectroscopic properties of fac-[Re(bpy)(CO)3(PR3)]+(bpy = 2,2'-bipyridine; PR3= trialkyl or triarylphosphines). <b>2005</b> , 385-95	73
1963	Directional control of pi-stacked building blocks for crystal engineering: the 1,8-naphthalimide synthon. <b>2005</b> , 4068-70	50
1962	Bitopic Phenylene-Linked Bis(pyrazolyl)methane Ligands: Preparation and Supramolecular Structures of Hetero- and Homobimetallic Complexes Incorporating Organoplatinum(II) and Tricarbonylrhenium(I) Centers. <b>2005</b> , 24, 1544-1555	54
1961	Making crystals from crystals: a green route to crystal engineering and polymorphism. <b>2005</b> , 3635-45	181
1960	The tailoring of crystal structures via the self-assembly of organic coordination compounds by N?I non-covalent halogen bonds: co-crystals of sterically hindered N-heterocycles and 1,4-diiodo-tetrafluorobenzene. <b>2005</b> , 7, 302-308	57
1959	Multitopic third generation tris(pyrazolyl)methane ligands built on alkyne structural scaffolding: first preparation of mixed tris(pyrazolyl)methane/tris(pyrazolyl)borate ligands. <b>2005</b> , 29, 1035	32
1958	One-dimensional fluorescent stacking structure based on zinc mixed-complex salt encapsulated within an Le-likeLhree-dimensional hydrogen-bonded water network. <b>2005</b> , 7, 294-296	88
1957	Polymeric networks of copper(II) phenylmalonate with heteroaromatic n-donor ligands: synthesis, crystal structure, and magnetic properties. <b>2005</b> , 44, 7794-801	49
1956	Syntheses, Structures, and Photoluminescent Properties of Three Silver(I) Coordination Polymers with 2-(4-Pyridyl)benzimidazole. <b>2005</b> , 5, 1569-1574	77
1955	Dimeric rhenium(I) thiosemicarbazone complexes: formation, crystal structures, and the role of NH?Iand CH?O interactions. <b>2005</b> , 7, 113-120	22

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1954	Crystal structures and spectroscopic properties of polycyano-polycadmate host clathrates including a CT complex guest of methylviologen dication and aromatic donor. <b>2005</b> , 3056-64	36
1953	Chromophore containing bipyridyl ligands. Part 1: supramolecular solid-state structure of Ag(I) complexes. <b>2005</b> , 29, 826	103
1952	Metallamacrocyclic complexes of Ni(II) with 3,3,3?,3?-tetraalkyl-1,1?-aroylbis(thioureas): crystal and molecular structures of a 2 : 2 metallamacrocycle and a pyridine adduct of the analogous 3 : 3 complex. <b>2005</b> , 7, 161-166	41
1951	Coordination polymers based on inorganic lanthanide(II) sulfate skeletons and an organic isonicotinate N-oxide connector: segregation into three structural types by the lanthanide contraction effect. <b>2005</b> , 44, 862-74	166
1950	Structure and binding energy of anion-pi and cation-pi complexes: a comparison of MP2, RI-MP2, DFT, and DF-DFT methods. <b>2005</b> , 109, 4632-7	179
1949	Synthesis, characterization, and photoluminescence of isostructural Mn, Co, and Zn MOFs having a diamondoid structure with large tetrahedral cages and high thermal stability. <b>2005</b> , 2663-5	153
1948	Anion- and solvent-directed assembly in silver bis(thioimidazolyl)methane chemistry and the silver-sulfur interaction. <b>2006</b> , 45, 2132-42	65
1947	A unique example of a high symmetry three- and four-connected hydrogen bonded 3D-network. <b>2006</b> , 1082-4	40
1946	Synthesis and structure of a novel one-dimensional vanadate constructed from tetravanadate clusters linked via copperBrganic complex moieties: [{Cu(phen)(H2O)}2V4O12]. <b>2006</b> , 59, 827-835	4
1945	MX ∰XII Halogen-Bonded Network Formation in MX2(4-halopyridine)2 Complexes (M = Pd, Pt; X = Cl, I; XI = Cl, Br, I). <b>2006</b> , 6, 1374-1379	63
1944	Syntheses, crystal structures, and properties of complexes constructed with polybenzoate and 2,2?-bibenzimidazole. <b>2006</b> , 8, 281	46
1943	From Helical Array to Porous Architecture: Exploring the Use of Side Chains of Amino Acids to Engineer 1D Infinite Coordination Polymeric Chain into Porous Frameworks. <b>2006</b> , 6, 989-993	33
1942	Cobaloximes with Mixed Dioximes of Glyoxime and Diphenylglyoxime: Synthesis, Characterization, CV, X-ray Studies, and Crystal Packing. <b>2006</b> , 25, 706-714	29
1941	A Series of Inorganic��rganic Hybrid Composite Solids Based on Molybdenum Oxide Chains. <b>2006</b> , 6, 2076-2085	69
1940	Synthesis and Structural Characterization of a Series of Novel Polyaromatic Ligands Containing Pyrene and Related Biscyclometalated Iridium(III) Complexes 2006, 25, 1461-1471	23
1939	{Ag(isonicotinamide)2NO3}2 la Stable Form of Silver Nitrate. <b>2006</b> , 59, 22	54
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1809	Hydrothermal Synthesis and Structural Characterization of Two pH-Controlled CdBquarate Coordination Frameworks, [Cd2(C4O4)2.5(H2O)4]•(dpaH)•1.5(H2O) and [Cd(C4O4)(dpa)(OH2)] (dpa = 2,2?-dipyridylamine). <b>2006</b> , 2006, 820-826	17
1808	Metal Phosphonates Based on {[(Benzimidazol-2-ylmethyl)imino]bis(methylene)}bis(phosphonic Acid): Syntheses, Structures and Magnetic Properties of the Chain Compounds [M{(C7H5N2)CH2N(CH2PO3H)2}](M = Mn, Fe, Co, Cu, Cd). <b>2006</b> , 2006, 1830-1837	36
1807	Syntheses, Spectroscopic Studies, and Crystal Structures of Chiral [Rh(aminocarboxylato)(ध-cod)] and Chiral [Rh(amino alcohol)(ध-cod)](acetate) Complexes with an Example of a Spontaneous Resolution of a Racemic Mixture into Homochiral Helix-Enantiomers. 2006, 2006, 2146-2154	83
1806	New Heterometallic (CuII and CrIII) Complexes IFirst Crystal Structure of an Oxalate-Bridged Ferromagnetically Coupled [CuIICrIIICuII] System. <b>2006</b> , 2006, 2701-2710	22
1805	Supramolecular Assemblies with Honeycomb Structures by Eletacking of Octahedral Metal Complexes of 1,12-Diazaperylene. <b>2006</b> , 2006, 1547-1551	24
1804	Synthesis, Structures, and Luminescent Properties of d10 Group 12 Metal Complexes with Substituted 2,2?-Bipyridine Ligands. <b>2006</b> , 2006, 4317-4323	20
1803	Crystal Structure and Magnetic Behaviour of the New Gadolinium Carboxylates Gd2(ClF2CCOO)6(hypy)2, Gd2(F3CCOO)6(hypy)2, Gd2(F2HCCOO)6(hypy)2 and Gd2(Cl2HCCOO)6(H2O)2(hypy)2. <b>2006</b> , 2006, 3503-3509	37
1802	Metal-Dependent Formation of Mononuclear Complexes and M2L2 Mesocates with Schiff-Base Ligands. <b>2006</b> , 2006, 3930-3935	17
1801	A One-Dimensional Thallium(I) Coordination Polymer Involving Polyhapto-Aromatic Interactions. <b>2006</b> , 89, 265-269	40
1800	An [{Fe(mecam)}2]6[Bridge in the Crystal Structure of a Ferric Enterobactin Binding Protein. <b>2006</b> , 118, 5256-5260	4
1799	Intercalation of Organic Molecules into Vanadium(IV) Benzenedicarboxylate: Adsorbate Structure and Selective Absorption of Organosulfur Compounds. <b>2006</b> , 118, 6649-6653	19
1798	Dibenzothiophene/Oxide and Quinoxaline/Pyrazine Derivatives Serving as Electron-Transport Materials. <b>2006</b> , 16, 1449-1456	61
1797	Lead(II) Complexes of Pyridinedicarboxylates Lattice Interactions and Metal Ion Stereochemistry. <b>2006</b> , 59, 400	11
1796	Switching on Hydrogen Bonding in Oligopyridine Ligands. <b>2006</b> , 18, 305-309	7
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1792	Coordination Networks with Carborane Anions: Ag(I) and Nitrogen Bridging Ligands. 2006, 59, 40	47
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1790	Strongly decussated Estacking in a Ag(I)©o(III) complex containing a Ag2Co2 44 square tile motif. <b>2007</b> , 60, 1381-1386	
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1788	Syntheses, characterisations and X-ray crystal structures of 5,5?-bis(diphenylphosphino)2,2?-bithiophene derivatives, Ph2(X)P(C4H2S)2P(X)Ph2(X´=´O, S and CH3+´•´I \nabla 2007, 6, 215-229	5
1787	CdII 4,4,4-trifluoro-1-phenyl-1,3-butandione complexes of 1,10-phenanthroline and 4,4?-bipyridine. <b>2007</b> , 60, 2107-2114	5
1786	Synthesis, structure, spectral and magnetic properties of 4-methoxy- and 3-methylsalicylatocopper(II) complexes with 2-pyridylmethanol. <b>2007</b> , 60, 2449-2460	14
1785	[2,2?-Bipyridyl]platinum(II) Complexes with Fluorinated Benzenethiolate Ligands: Synthesis and Structural Elucidation. <b>2007</b> , 19, 579-585	13
1784	Supramolecular interactions in [(2,2?-bipy)M(SeC{O}Ph)2], (M=Zn or Cd). 2007, 37, 797-800	
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1781	Self-assembly of copper(II) complexes with substituted aroylhydrazones and monodentate N-heterocycles: synthesis, structure and properties. <b>2007</b> , 60, 2671-2678	66
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1778	Synthesis and Crystal Structure of 1-(2,3-Dimethylphenyl)piperazinium Tetrachlorozincate(II) Monohydrate. 2007, 23, X243-X244  Crystal Structure of 1,1'-Ethane-1,2-diyl-dibenzimidazolium Picrate. 2007, 23, X73-X74	

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1774	Direct the Strong Hydrogen Bond Synthon. <b>2007</b> , 7, 2675-2690	73
1773	Solvothermal Synthesis and Structural Characterization of New ZnIIriazoleBulfoisophthalate Frameworks. <b>2007</b> , 7, 736-740	41
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1771	Pi-pi stacking assisted binding of aromatic amino acids by copper(II)-aromatic diimine complexes. Effects of ring substituents on ternary complex stability. <b>2007</b> , 299-307	41
1770	Ferromagnetic interactions in Ru(III)-nitronyl nitroxide radical complex: a potential 2p4d building block for molecular magnets. <b>2007</b> , 2689-95	18
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1768	Two New Polymers Constructed from Bisdentate Function of the 4,4?-Bipyridine and 4-Sulfobenzoate. <b>2007</b> , 37, 647-652	
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1765	Magneto-structural correlation in a series of bimetallic alternating chain complexes of [CrIIIL(CN)4]n[MnIII(salpn)]n.nsolvents (L=2,2'-bipy or 9,10-phen, salpn=substituted salicyldehyde, solvents=water and methanol). <b>2007</b> , 46, 10221-8	51
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1759	Hydrothermal syntheses, crystal structures and magnetic properties of two copper(II) complexes involved in situ ligand synthesis. <b>2007</b> , 3020-4	56
1758	Syntheses and structural characterization of New Tl + and K + complexes of 3,5-dinitrobenzoic acid (HDNB), [Tl(EDNB)] n and [K(EDNB)(EHDNB)] n. <b>2007</b> , 60, 753-761	11
1757	Oxo-anion binding by protonated (dimethylphenyl)(pyridyl)ureas. <b>2007</b> , 9, 676	77

1756	Counter-ion influence on the coordination mode of the 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo) ligand in mercury(II) coordination polymers, [Hg(bpo)nX2]: X = I[IBr[ISCN[IN3[and NO2[] spectroscopic, thermal, fluorescence and structural studies. <b>2007</b> , 9, 1062	93
1755	Supramolecular Bimetallic Systems Constructed through <b>IIS</b> tacking and Hydrogen Bond Interactions. <b>2007</b> , 37, 757-764	3
1754	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(II)-methylmalonate layers. <b>2007</b> , 9, 478-487	88
1753	2D warp-and-woof interwoven networks constructed by helical chains with different chirality. <b>2007</b> , 3643-5	33
1752	Bis(3,5-dimethyl-1H-pyrazolyl)selenidea new bidentate bent connector for preparation of 1D and 2D co-ordination polymers. <b>2007</b> , 3183-94	30
1751	Interplay of coordinative and supramolecular interactions in engineering unusual crystalline architectures of low-dimensional metalpamoate complexes under co-ligand intervention. <b>2007</b> , 9, 1011	72
1750	Stacking vs. CHIInteractions between chelate and aryl rings in crystal structures of square-planar transition metal complexes. <b>2007</b> , 9, 793	61
1749	Acetonyl Platinum(II) Complexes. 2007, 26, 6155-6169	30
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1745	PdNH #ClPd Hydrogen Bonds and Interactions between Fluorinated Aromatic Rings in trans-[PdCl2(NH2ArF)2]. <b>2007</b> , 7, 117-123	22
1744	Dimension Increase via Hydrogen Bonding and Weak Coordination Interactions from Simple Complexes of 2-(Pyridyl)benzimidazole Ligands. <b>2007</b> , 7, 2481-2490	44
1743	Metal phosphonates based on bis(benzimidazol-2-ylmethyl)imino methylenephosphonate: from discrete dimer to two-dimensional network containing metallomacrocycles. <b>2007</b> , 46, 428-36	41
1742	Synthesis, characterization, solid-state structures, and spectroscopic properties of two catechol-based luminescent chemosensors for biologically relevant oxometalates. <b>2007</b> , 46, 6516-28	48
1741	Entanglement of individual coordination polymers having helicates as building intermediates. <b>2007</b> , 4089-94	12
1740	Effect of Weak Sulfur Interactions and Hydrogen Bonds in the Folded or Unfolded Conformation of bis[2-(1H-Benzimidazol-2-yl)phenyl]disulfide Derivatives. <b>2007</b> , 7, 2031-2040	21
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1738	Ligand Stereoelectronic Effects in Complexes of Phospholanes, Phosphinanes, and Phosphepanes and Their Implications for Hydroformylation Catalysis. <b>2007</b> , 26, 713-725	52
1737	Polymorphs and a pseudo-polymorphs based on a luminescent boron-containing compound: structural diversity arising from conformational isomers and noncovalent interactions. <b>2007</b> , 9, 951	13
1736	A coordination polymer strategy for anion encapsulation: anion-pi interactions in (4,4) nets formed from Ag(I) salts and a flexible pyrimidine ligand. <b>2007</b> , 3171-3	49
1735	Solution-processable erbium terbium complex for potential planar optical amplifier application. <b>2007</b> , 17, 4586	25
1734	Copper(I) cyanide networks: synthesis, luminescence behavior and thermal analysis. Part 1. Diimine ligands. <b>2007</b> , 46, 8897-912	82
1733	Supramolecular Dimers and Chains Resulting from Second Coordination Sphere Interactions. <b>2007</b> , 7, 1825-1831	53
1732	Copper(II), cobalt(II), and nickel(II) complexes with a bulky anthracene-based carboxylic ligand: syntheses, crystal structures, and magnetic properties. <b>2007</b> , 46, 6299-310	135
1731	MetalBrganic frameworks constructed from mixed-ligand 1,2,3,4-tetra-(4-pyridyl)-butane and benzene-polycarboxylate acids: syntheses, structures and physical properties. <b>2007</b> , 9, 915	149
1730	Zinc(II) nitrite coordination polymers based on rigid and flexible organic nitrogen donor ligands. <b>2007</b> , 9, 686	56
1729	Synthesis and structure of 2-acetylpyridine-salicyloylhydrazone and its copper(II) and zinc(II) complexes. The effect of the metal coordination on the weak intermolecular interactions. <b>2007</b> , 9, 668	20
1728	Platinum(II) complexes with pi-conjugated, naphthyl-substituted, cyclometalated ligands (RC N N): structures and photo- and electroluminescence. <b>2007</b> , 13, 417-35	150
1727	Design and synthesis of binucleating macrocyclic clefts derived from Schiff-base calixpyrroles. <b>2007</b> , 13, 3707-23	55
1726	Tuning of the structures of chiral phosphane-phosphites: application to the highly enantioselective synthesis of alpha-acyloxy phosphonates by catalytic hydrogenation. <b>2007</b> , 13, 1821-33	49
1725	Molecular assemblies from imidazolyl-containing haloalkenes and haloalkynes: competition between halogen and hydrogen bonding. <b>2007</b> , 13, 6130-8	52
1724	Unmasking melon by a complementary approach employing electron diffraction, solid-state NMR spectroscopy, and theoretical calculations-structural characterization of a carbon nitride polymer. <b>2007</b> , 13, 4969-80	638
1723	Assembly of infinite silver(I) columns, chains, and bridged aggregates with supramolecular synthon bearing substituted phenylethynides. <b>2007</b> , 13, 5927-36	56
1722	Supramolecular cobalt cages and coordination polymers templated by anion guests: self-assembly, structures, and magnetic properties. <b>2007</b> , 13, 5401-7	85
1721	A cis-dioxido uranyl: fluxional carboxylate activation from a reversible coordination polymer. <b>2007</b> , 46, 6622-5	30

1720	Highly birefringent materials designed using coordination polymer synthetic methodology. <b>2007</b> , 46, 8804-7	59
1719	Supramolecular aspects of tin and lead chemistry. <b>2007</b> , 21, 476-482	10
1718	Synthesis and characterization of diorganotin(IV) complexes of Schiff bases with ONO-type donors and crystal structure of [N-(2-hydroxy-4-nitrophenyl)-3-ethoxysalicylideneiminato]diphenyltin(IV). <b>2007</b> , 21, 913-918	10
1717	A cis-Dioxido Uranyl: Fluxional Carboxylate Activation from a Reversible Coordination Polymer. <b>2007</b> , 119, 6742-6745	4
1716	Highly Birefringent Materials Designed Using Coordination Polymer Synthetic Methodology. <b>2007</b> , 119, 8960-8963	10
1715	Pentacarbonyl[2-(2?-pyridyl)quinoxaline-N4]tungsten: A Combined Study of Its Conformational and Electronic Structure Based on Experimental and DFT-TDDFT Data. <b>2007</b> , 2007, 120-131	14
1714	New Ternary Complexes of Copper(II) with 2,2?-Bipyridine (Bpy) and Phosphocholine (PCh即or the Quaternary 1-(2-Phosphonomethoxy)ethyl Derivative of 2,4-Diaminopyrimidine (PMEDAPy即 <b>2007</b> , 2007, 1867-1873	7
1713	Main Group Lewis Acid/Base-Stabilised Phosphanylboranes. 2007, 2007, 2136-2143	18
1712	Self-Assembly of Silver(I) Coordination Polymers from AgX (X = BF4IIClO4IICF3COOIIand SO3CF3IIand a Rigid Bent 3,6-Dicyano-9-phenylcarbazole Ligand: The Templating Effect of Anions. <b>2007</b> , 2007, 3868-3880	34
1711	Bis-Epyrazolate-Bridged Dinickel(II) and Dicopper(II) Complexes: An Example of Stereoelectronic Preference of Metal Ions and Stabilization of Mixed-Valence NiIIINiII Species. <b>2007</b> , 2007, 2161-2170	35
1710	Coordination Alternatives in Dinuclear Bis(pyridin-2-ylalkyl)benzylaminecopper(II) Complexes with OHDRODFDor CliBridges: Experimental Structures and DFT Preferences. <b>2007</b> , 2007, 5500-5510	17
1709	Doubly bridged heptacoordinated cadmium(II) compounds containing a tetradentate Schiff base: Variance in molecular and crystalline architectures with pseudohalides. <b>2007</b> , 10, 61-65	26
1708	Synthesis and crystal structure of two novel polymeric PbII compounds: [Pb(phen)(N3)2]n and [Pb(deta)(N3)4(N3)]n. <b>2007</b> , 10, 174-177	31
1707	Hydrothermal synthesis and characterization of ternary lanthanide-2,2?-bipyridine-3,3?-dicarboxylate coordination polymers. <b>2007</b> , 10, 381-384	8
1706	Assembly of two supramolecular structures by metal complexes with a urea-based pyridyl ligand. <b>2007</b> , 10, 563-566	25
1705	Pyrazine-bridged copper(I) iodide coordination polymers: Control of chain separation through ligand design. <b>2007</b> , 10, 1297-1300	16
1704	Self-assembly of organometallic Pd(II) complexes via CH3?IInteractions: The first example of a cyclopalladated compound with herringbone stacking pattern. <b>2007</b> , 10, 1394-1398	27
1703	Assembly of a novel luminescent coordination polymer from europium nitrate and a new semirigid bridging podand. <b>2007</b> , 10, 1505-1509	13

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1702	complexes of low-molecular-weight formed with amino acid/peptides and nucleobases/nucleosides. <b>2007</b> , 251, 1973-1986	80
1701	Argentophilic interaction and anionic control of supramolecular structures in simple silver pyridine complexes. <b>2007</b> , 360, 21-30	74
1700	The s-triazine ring, a remarkable unit to generate supramolecular interactions. 2007, 360, 381-404	133
1699	Supramolecular assembly driven by hydrogen-bonding and Btacking interactions based on copper(II)-terpyridyl complexes. <b>2007</b> , 360, 588-598	69
1698	Synthesis, spectral and magnetical characterization of monomeric [Cu(2-NO2bz)2(nia)2(H2O)2] and structural analysis of similar [Cu(RCOO)2(LN)2(H2O)2] complexes. <b>2007</b> , 360, 1517-1522	26
1697	Tetranuclear manganese(III) clusters containing both carboxylate and phosphonate bridging ligands. <b>2007</b> , 360, 1645-1650	36
1696	Hydrazone Schiff base-manganese(II) complexes: Synthesis, crystal structure and catalytic reactivity. <b>2007</b> , 360, 1599-1608	241
1695	Synthesis of [SnPh2(SRF)2] SRF = BC6F4-4-H, BC6F5: Reactivity towards group 10 transition metal complexes. <b>2007</b> , 360, 1651-1660	24
1694	First examples of ternary lanthanide 2,2?-bipyridine-3,3?-dicarboxylate coordination polymers with zigzag chains structures assembled from lanthanide ions, 2,2?-bipyridine-3,3?-dicarboxylate and 1,10-phenanthroline. <b>2007</b> , 360, 1684-1690	26
1693	A new approach to the stabilization of dibenzothiophene (DBT) coordination to metals: Studies of (Б-C5H4CH2Ph)Ru(CO)2(Г (S)-DBT)+. <b>2007</b> , 360, 1711-1716	3
1692	Synthesis, characterization and 1D helical chain crystal structure of [Cu(DBA)2(1,10-phen)]n and [Cd(DBA)2(1,10-phen)2] (DBA = benzilic acid). <b>2007</b> , 360, 1819-1824	36
1691	Nickel and copper complexes based on tridentate nitrogen donor ligand 2,6-bis-(1-phenyliminoethyl) pyridine: Synthesis, spectral and structural characterization. <b>2007</b> , 360, 2492-2498	1 <sup>13</sup>
1690	Mn(II) coordination architectures with mixed ligands of 3-(2-pyridyl)pyrazole and carboxylic acids bearing different secondary coordination donors and pendant skeletons. <b>2007</b> , 360, 2532-2540	27
1689	Supramolecular networks of dinuclear copper(II): Synthesis, crystal structure and magnetic study. <b>2007</b> , 360, 2589-2597	56
1688	Self-assembly of two fluorescent supramolecular frameworks constructed from unsymmetrical benzene tricarboxylate and bipyridine. <b>2007</b> , 360, 2704-2710	24
1687	Cationic ligands for Ag(I): Organometallic polymers versus unimolecular complexes. <b>2007</b> , 360, 3091-3098	6
1686	Preparation, crystal structure and luminescent properties of lanthanide picrate complexes with N-benzyl-2-{2?-[(benzyl-methyl-carbamoyl)-methoxy]-biphenyl-2-yloxy}-N-methyl-acetamide (L). <b>2007</b> , 360, 3361-3368	3
1685	Metal-regulated assemblies of CuII, NiII, and ZnII complexes with isoquinoline-3-carboxylate displaying diverse supramolecular networks. <b>2007</b> , 360, 3442-3447	15

1684	Assembly of metal coordination framework, [MII(C5O5)(dpe)], with a 2D bi-layer architecture: Thermal stability and magnetic properties (M=Mn, Fe, Cd and Co; dpe=1,2-bis(4-pyridyl)ethane). <b>2007</b> , 360, 4058-4067	22
1683	First organic-inorganic hybrid material based on AgNO3 and 3-pyridine containing 2-thiohydantoin. <b>2007</b> , 17, 77-79	4
1682	1H NMR and crystallographic evidence for tolerance of bulky electron withdrawing methanesulfonyl group on robustness of the U-motif in pyrazolo[3,4-d]pyrimidine core based Eleonard linkerEcompounds and formation of plus (+) motif. <b>2007</b> , 827, 88-94	13
1681	Anion-dependent selective formation of intermolecular non-covalent bonds. <b>2007</b> , 829, 168-175	7
1680	Trinuclear organooxotin assemblies from solvothermal synthesis reaction: Crystal structure, hydrogen bonding and Istacking interaction. <b>2007</b> , 833, 203-207	6
1679	Tuning the silver(I) complexes of 3-(2-pyridyl)pyrazole-based ligands: Syntheses and crystal structures of the complexes, as well as theoretical investigations on the coordination abilities of the ligands. <b>2007</b> , 843, 66-77	11
1678	Design and synthesis of pyrazolo[3,4-d]pyrimidine and triazolo[4,5-d]pyrimidine based dissymmetrical leonard linkerleompounds: 1H NMR and crystallographic evidence for folded conformation due to arene interactions. <b>2007</b> , 842, 100-108	9
1677	Preparation, luminescent properties of N-phenyl-2-{2?-[(phenyl-ethyl-carbamoyl)-methoxy]-biphenyl-2-yloxy}-N-ethyl-acetamide (L) lanthanide complexes and the supramolecular structures of [La(pic)3L] and	23
1676	Reinvestigation of zinc(II) complexation by 2-thiophenecarboxylic hydrazide: X-ray structure of tris(2-thiophenecarboxyhydrazide)zinc(II) tetrachlorozincate(II) di(ethanol) and vibrational spectroscopy of its decomposition product. <b>2007</b> , 26, 2786-2794	5
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1402	Synthesis and Structural Characterization of Substituted Salicylate Titanocene Complexes: Three Supramolecular Frameworks Determined by Weak Interactions. <b>2009</b> , 39, 623-631	4
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1396	Sodium Nitroprusside as a Source of Metalloligand in Direct Synthesis of Cu/Fe Complexes. <b>2009</b> , 635, 2316-2323	5
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1393	Vibrational spectroscopy of 4-hydroxybenzhydrazide and its O,N-deuterated isotopologue accompanied by X-ray structure refinement. <b>2009</b> , 50, 185-192	7
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1386	Synthesis, characterizations and crystal structures of antimony(III) complexes with nitrogen-containing ligands. <b>2009</b> , 362, 339-345	28
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975	Syntheses, Structures, and Magnetic Properties of Five Novel Octacyanometallate-Based Lanthanide Complexes with Helical Chains. <b>2011</b> , 11, 5676-5681	40
974	Structural Diversity of a Series of Mn(II), Cd(II), and Co(II) Complexes with Pyridine Donor Diimide Ligands. <b>2011</b> , 11, 2763-2772	78
973	Ruthenium Arene Derivatives of Chiral Ferrocene-Based P,N or P,O Ligands. Transformation of ChloroAlcohol into Hydridofarbonyl Complexes. <b>2011</b> , 30, 3490-3503	10
972	Influence of Metal Ion on Structural Motif in Coordination Polymers of the Pseudopeptidic Ligand Terephthaloyl-bis-beta-alaninate. <b>2011</b> , 11, 3653-3662	34
971	Reversible shuttle action upon dehydration and rehydration processes in cationic coordinatively-bonded (4,4) square-grid nets threaded by supramolecular bonded anions, {[Cu(II)(4,4'-bpy)2(H2O)][Cu(II)(2-pySO3)3](NO3)}+H2O. <b>2011</b> , 50, 2329-33	25
970	Water/Aromatic Parallel Alignment Interactions. Significant Interactions at Large Horizontal Displacements. <b>2011</b> , 11, 2680-2683	24
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964	Insight into supramolecular self-assembly directed by weak interactions in acetophenone derivatives: crystal structures and Hirshfeld surface analyses. <b>2011</b> , 13, 6728	139
963	Syntheses and structures of three chiral complexes derived from nucleophilic addition of L-proline to di-2-pyridyl ketone. <b>2011</b> , 64, 2618-2630	
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961	Inorganic anion induced supramolecular architectures and luminescent properties of flexible bis(pyridyl) based ionic salts. <b>2011</b> , 13, 6632	26
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956	Concentration dependent tautomerism in green [Cu(HL[](L†)] and brown [Cu(L[](HL†)] with HII[] = (E)-N'-(2-hydroxy-3-methoxybenzylidene)benzoylhydrazone and HL† = pyridine-4-carboxylic (isonicotinic) acid. <b>2011</b> , 40, 1286-94	58
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921	Five organic salts assembled from carboxylic acids and bis-imidazole derivatives through collective noncovalent interactions. <b>2011</b> , 1004, 227-236	8
920	Hydrogen bonded supramolecular network in organic acidBase salts: Crystal structures of five proton-transfer complexes assembled from 5,7-dimethyl-1,8-naphthyridine-2-amine with monocarboxylic acid, dicarboxylic acid, and tricarboxylic acid. <b>2011</b> , 1005, 59-69	47
919	Salt and co-crystal formation from 2-(imidazol-1-yl)-1-phenylethanone and different acidic components. <b>2011</b> , 1006, 128-135	9
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907	Structural, electrical and optical properties of metal complexes of NNS donor ligand. <b>2011</b> , 129, 1121-1125	2
906	Layered zinc 4-phosphonoisophthalates pillared by flexible bis(imidazole) Co-ligands. <b>2011</b> , 14, 1677-1680	10
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897	Mixed ligand cobalt(II) picolinate complexes: synthesis, characterization, DNA binding and photocleavage. <b>2011</b> , 40, 639-50	47
896	Structural and luminescence studies of nickel(II) and copper(II) complexes with (1R,2R)-cyclohexanediamine derived unsymmetric Schiff base. <b>2011</b> , 40, 11012-22	56
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882	Coordination-driven self-assembly of thiocyanate complexes of Co(II), Ni(II) and Cu(II) with picolinamide: a structural and DFT study. <b>2011</b> , 13, 5863	35
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806	Zn(II) Curcuminate Complexes with 2,2'-bipyridine and Carboxylates. <b>2019</b> , 24,	4
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800	Conformational analysis and electronic interactions of some 2-[2E(4?-substituted-phenylsulfinyl)-acetyl]-5-methylfurans. <b>2019</b> , 1196, 793-804	1
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788	Tailored Melting Temperatures and Crystallinity of Poly(ethylene oxide) Induced by Designed Chain Defects. <b>2019</b> , 1, 3130-3136	
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784	The role of hydration effects in 5-fluorouridine binding to SOD1: insight from a new 3D-RISM-KH based protocol for including structural water in docking simulations. <b>2019</b> , 33, 913-926	4
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776	Contribution of Different Crystal Packing Forces in Estacking: From Noncovalent to Covalent Multicentric Bonding. <b>2019</b> , 19, 5967-5980	19
775	Tetrathiafulvalene and Tetramethyltetraselenafulvalene Salts with [M(dcdmp)2] Anions (M = Au, Cu, and Ni): High Conductivity and Unusual Stoichiometries. <b>2019</b> , 19, 6493-6502	2
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770	A multifunctional quinoxalin-based AIEgen used for fluorescent thermo-sensing and image-guided photodynamic therapy. <b>2019</b> , 301, 127139	20
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765	Synthesis, structure and long-lived NIR luminescence of lanthanide ate complexes with perfluorinated 2-mercaptobenzothiazole. <b>2019</b> , 48, 1060-1066	13
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763	Noncovalent bonded 3D structures of eight anhydrous organic salts from tris(hydroxymethyl)aminomethane and organic acids. <b>2019</b> , 1180, 764-779	7
762	Zirconium-Based Metal-Organic Frameworks for the Removal of Protein-Bound Uremic Toxin from Human Serum Albumin. <b>2019</b> , 141, 2568-2576	63
761	Syntheses, supramolecular networks and Hirshfeld surface and thermal analyses of two new cadmium chloride coordination polymers with an N,O-chelating ligand. <b>2019</b> , 75, 120-127	3
760	Studies on structure, NLO properties of a new organic NLO crystal: guanidinium 3,5-dihydroxybenzoate. <b>2019</b> , 30, 2994-3003	1
759	Solid phase microextraction of polycyclic aromatic hydrocarbons by using an etched stainless-steel fiber coated with a covalent organic framework. <b>2019</b> , 186, 145	38
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757	Metallgand ring aromaticity in a 2D coordination polymer used as a photosensitive electronic device. <b>2019</b> , 43, 2710-2717	16
756	Experimental and theoretical investigation of intramolecular cooperativity in cyclic benzene trimer motif <b>2019</b> , 9, 753-760	O
755	Silver(i) pyridylphosphonates - synthesis, structure, stability and light-insensitivity investigation <b>2019</b> , 9, 1570-1575	3
754	Substituent effects in solid-state assembly of activated benzotriazoles. <b>2019</b> , 21, 835-842	4
753	Supramolecular Interactions of Group VI Metal Carbonyl Complexes: The Facilitating Role of 1,3-Bis(p-isocyanophenyl)urea. <b>2019</b> , 58, 8130-8139	5
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747	Mesophase-Preceding Crystal Packing of 4,4'-Dialkyl-Substituted Salicylideneanilines; C10H21Oជ6H3(OH)ជH=Nជ6H4 <del>III3</del> ) Structure. <b>2019</b> , 64, 71-75	5
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742	Carbon nanotube guided noncovalent assembly of polyacetylene chains into muti-strand helices. <b>2019</b> , 114, 113606	0
741	Twelve Cadmium(II) Coordination Frameworks with Asymmetric Pyridinyl Triazole Carboxylate: Syntheses, Structures, and Fluorescence Properties. <b>2019</b> , 19, 3785-3806	34
740	Solvent effect on neutral Co (II) complexes of paeonol derivative qualitative and quantitative studies from energy frame work and Hirshfeld surface analysis. <b>2019</b> , 1196, 119-131	5
739	Dipicolylamino-methoxy-1,2,4,5-tetrazine ligand and its metal complexes: Structural and photophysical studies. <b>2019</b> , 170, 232-238	4
738	Synthesis, Characterization, Crystal Structure Determination and Luminescence Study of New Linear Zn(II) Coordination Polymers with 4,7-Phenanthroline Ligand. <b>2019</b> , 64, 450-458	2
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733	Featuring non-covalent interactions in m-xylylenediaminium bis(perchlorate) monohydrate: Synthesis, characterization and Hirshfeld surface analysis. <b>2019</b> , 1194, 66-72	7
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731	Near-zero thermal expansion coordinated with geometric flexibility and Interaction in anisotropic [Zn8(SiO4)(m-BDC)6]n. <b>2019</b> , 6, 1675-1679	3

730	Packing Rearrangements in 4-Hydroxycyanobenzene Under Pressure. <b>2019</b> , 24,	5
729	Graphene nanoscrolls made from isolated carbon nanotubes with line defects. <b>2019</b> , 58, 050910	1
728	Pyrimidine Derivatives with Terminal Pyridyl Heterocycles: Facile Synthesis and Their Antiproliferative Activities. <b>2019</b> , 56, 1866-1872	1
727	Purification, application and current market trend of natural graphite: A review. <b>2019</b> , 29, 671-689	101
726	Homoleptic cis- and trans-palladium(II) bis(guanidinato) complexes derived from N-aryl-N?,N?-di(pyridin-2-yl)- and N-aryl-N?,N?-bis(6-methylpyridin-2-yl)guanidines: Catalysts for Heck-Mizoroki coupling reactions. <b>2019</b> , 892, 1-17	3
725	Structure properties of scoparone: Polymorphs and cocrystals. <b>2019</b> , 1191, 323-336	6
724	Bipyridine-Directed Syntheses of Uranyl Compounds Containing Semirigid Dicarboxylate Linkers: Diversity and Consistency in Uranyl Speciation. <b>2019</b> , 58, 6934-6945	16
723	Two Cu(I) complexes constructed by different N-heterocyclic benzoxazole ligands: Syntheses, structures and fluorescent properties. <b>2019</b> , 1191, 95-100	10
722	Complexes of Co(II), Ni(II), and Cu(II) with (Z)-10-(2-(4-Amino-5-Thioxo-4,5-Dihydro-1H-1,2,4-Triazol-3-yl)hydrazono)-9-Phenanthrone: Synthesis, Spectral Studies, and Quantum Chemical Simulation of the Structures. <b>2019</b> , 45, 1-10	
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720	Pressure-Dependent Luminescence and Absorption in 3,3?-Diamino-4,4?-azoxyfurazan: Secondary Bonding Interaction in Molecular Crystals. <b>2019</b> , 123, 8731-8739	3
719	Copper(I) complexes of functionalized sulfur-containing ligands: structural and theoretical insights into chalcogen bonding. <b>2019</b> , 21, 2675-2690	2
718	The effect of short alkane bridges in stability of bisbenzimidazole-2-ylidene silver(I) complexes: synthesis, crystal structure and antibacterial activity. <b>2019</b> , 72, 894-907	3
717	Data mining new energy materials from structure databases. <b>2019</b> , 107, 554-567	19
716	Mechanistic insights into the inhibition mechanism of cysteine cathepsins by chalcone-based inhibitors QM cluster model approach. <b>2019</b> , 30, 1779-1793	1
715	Novel Co(II) coordination polymers based on 1,2-bis(diphenylphosphino)ethane monoxide and dioxide ligands. <b>2019</b> , 150, 639-647	1
714	A bio-relevant supramolecular Co(ii)-complex for selective fluorescence sensing of M range inorganic As(iii) in aqueous medium and its intracellular tracking in bacterial systems. <b>2019</b> , 48, 4362-4369	12
713	Self-Assembly through Coordination and Estacking: Controlled Switching of Circularly Polarized Luminescence. <b>2019</b> , 131, 6007-6011	21

712	Self-assembly of azine-based hydrolysis of pyridine and isatin oxamohydrazides with AgNO3; synthesis and structural studies of a novel four coordinated Ag(I)-azine 2D coordination polymer. <b>2019</b> , 490, 227-234	5
711	Roles of Precursor Conformation and Adatoms in Ullmann Coupling: An Inverted Porphyrin on Cu(111). <b>2019</b> , 31, 3009-3017	17
710	Tuning Emission Wavelength of Polymorphous Crystal via Controllable Alkyl Chain Stacking and Its Vapor- and Thermo-Responsive Fluorescence. <b>2019</b> , 25, 8043-8052	4
709	Substituent Effects in the Crystal Packing of Derivatives of 4?-Phenyl-2,2?:6?,2?-Terpyridine. <b>2019</b> , 9, 110	1
708	Stacking interaction potential energy surfaces of square-planar metal complexes containing chelate rings. <b>2019</b> , 159-189	4
707	Synthesis and Characterization of Two Cationic Silver Quinoxaline Coordination Polymers. <b>2019</b> , 2019, 2175-2181	1
706	Synthesis, crystal structure, hirshfeld surface analysis, spectroscopic, optical and thermal behavior of new organic-inorganic hybrid material (C7H11N2)2[CrCl2(H2O)4]Cl3•2H2O. <b>2019</b> , 1189, 122-130	2
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704	Crystal structures and magnetism of novel dinuclear dipicolinate compounds containing neocuproine. <b>2019</b> , 104, 197-200	1
703	A Mixed Ligand Platinum(II) Complex: Spectral Analysis, Crystal Structure, Steric Demand of the Ligand, and Bioactivity of cis-[Pt(PPh3)2(L1-O,S)]PF6 (L1-O,S = N,N-Morpholine-N?-benzoylthiourea). <b>2019</b> , 2019, 2583-2590	8
702	Structure of Microbial Nanowires Reveals Stacked Hemes that Transport Electrons over Micrometers. <b>2019</b> , 177, 361-369.e10	223
701	Syntheses and crystal structures of metal (Mn, Co, Ni) chloride complexes with 3-hydroxypyridin-2-one and contribution of O H?Cl hydrogen bonds to their structural diversity. <b>2019</b> , 167, 11-25	6
700	Solution-State Spin Crossover in a Family of [Fe(L)2(CH3CN)2](BF4)2 Complexes. 2019, 5, 22	2
699	Mixed-Valence Vanadium (IV/V) Glycolates and Lactates with N-Heterocycle Ligands: Localized Structures and Catalytic Oxidation of Thioanisole. <b>2019</b> , 2019, 1228-1235	8
698	Bioactive and luminescent indole and isatin based gold(i) derivatives. 2019, 48, 3098-3108	9
697	Sequential Cu-Catalyzed Four- and Five-Component Syntheses of Luminescent 3-Triazolylquinoxalines. <b>2019</b> , 25, 9447-9455	11
696	Crystal structure, physico-chemical characterization and Hirshfeld surface analysis of a new 0D pyridinium dichlorido(dihydrogenphosphato-O,O?)zinc(II). <b>2019</b> , 16, 1591-1600	
695	Self-Assembly through Coordination and Estacking: Controlled Switching of Circularly Polarized Luminescence. <b>2019</b> , 58, 5946-5950	94

694	Design of a Primary-Amide-Functionalized Highly Efficient and Recyclable Hydrogen-Bond-Donating Heterogeneous Catalyst for the Friedel (Crafts Alkylation of Indoles with Nitrostyrenes. <b>2019</b> , 9, 3165-3173	22
693	Crystal-engineering and luminescence studies of 1,3,5-tris(3-pyridylethynyl)benzene or 1,3,5-tris(4-pyridylethynyl)benzene with copper(i) iodides. <b>2019</b> , 48, 4046-4057	6
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691	Fabrication of blue organic light-emitting diodes from novel uranium complexes: synthesis, characterization, and electroluminescence studies of uranium anthracene-9-carboxylate complexes. <b>2019</b> , 48, 3695-3703	6
690	Copper(II) complex with L-arginine © rystal structure, DFT calculations, spectroscopic, thermal and magnetic properties. <b>2019</b> , 228, 272-284	9
689	Supramolecular Architecture in a Ni(II) Complex with a Weakly Bonded N,N?-(1,4-phenylenedicarbonyl)Diglycinate Counter-Anion: Crystal Structure Investigation and Hirshfeld Surface Analysis. <b>2019</b> , 9, 615	2
688	Cyclometalated Iridium(III) Complexes with a Norbornene-Substituted Picolinate Ligand and Electroluminescent Polymers Based on them. <b>2019</b> , 45, 856-866	2
687	Structural characterization of a hybrid terpyridine-pyrazine ligand and its one-dimensional Zn coordination polymer: a computational approach to conventional and nonconventional intermolecular interactions. <b>2019</b> , 75, 1299-1309	4
686	A Zn(II) Metallocycle as Platform to Assemble a 1D + 1D -> 1D Polyrotaxane via #45tacking of an Ancillary Ligand. <b>2019</b> , 7, 137	1
685	Crystal Packing of a Series of 1,2,3,4-Substituted Phenoxazine and Dibenzodioxin Heterocycles. <b>2019</b> , 19, 7298-7307	4
684	Stacking interactions of borazine: important stacking at large horizontal displacements and dihydrogen bonding governed by electrostatic potentials of borazine. <b>2019</b> , 21, 24554-24564	4
683	A supramolecular chain of dimeric Dy single molecule magnets decorated with azobenzene ligands. <b>2019</b> , 48, 16053-16061	6
682	Structural Insights into Influence of Isomerism on Properties of Open Shell Cobalt Coordination System. <b>2019</b> , 24,	
681	Supramolecular Hydrogels with Properties Tunable by Calcium Ions: A Bio-Inspired Chemical System <b>2019</b> , 2, 5819-5828	5
680	A novel multifunction photochromic metal®rganic framework for rapid ultraviolet light detection, amine-selective sensing and inkless and erasable prints. <b>2019</b> , 6, 3077-3082	38
679	Competing forces in the self-assembly of amide-functionalized discotic mesogens. <b>2019</b> , 15, 10035-10044	2
678	Synthesis, Characterization, and Reactivity of Chromium(VI) Alkylidenes. 2019, 38, 4593-4600	10
677	Strong dual emission in covalent organic frameworks induced by ESIPT. <b>2019</b> , 10, 11103-11109	53

676	Magnetic interaction in a 2D solid through hydrogen bonds and Estacking. 2019, 471, 70-76	13
675	Metal chelates constructed from CdHal2 (Hal´= Cl, Br, I) and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. <b>2019</b> , 1176, 743-750	8
674	Crystal engineering with palladium(II)-based self-assembled binuclear complexes as tectons. <b>2019</b> , 484, 33-41	3
673	Several salicylatocopper(II) complexes with diethylnicotinamide: Preparation, structure, spectral properties and Hirshfeld surface analysis. <b>2019</b> , 1181, 373-382	5
672	XEay crystal structure, Hirshfeld surface analysis, DFT and electronic properties of (E) AEI hloro (E), 4EI ihydroxy Benzylidene) benzohydrazide. <b>2019</b> , 19, 100174	3
671	A Full-Spectrum Metal-Free Porphyrin Supramolecular Photocatalyst for Dual Functions of Highly Efficient Hydrogen and Oxygen Evolution. <b>2019</b> , 31, e1806626	115
670	Synthesis and characterization of new silver(I) naphthalenedisulfonate complexes with heterocyclic N-donor ligands: Packing analyses and antibacterial studies. <b>2019</b> , 159, 275-283	1
669	Stimuli-Responsive Solvatochromic Au(I)-Ag(I) Clusters: Reactivity and Photophysical Properties Induced by the Nature of the Solvent. <b>2019</b> , 58, 1501-1512	17
668	Piperazinium Bis(hydrogen-3,5-pyrazoledicarboxylate) Proton Transfer Compound and Its Zinc(II) Complex: Synthesis, Characterization and Crystal Structure. <b>2019</b> , 49, 98-105	1
667	The influence of hydrogen- and lithium-bonding on the cooperativity of chalcogen bonds: A comparative ab initio study. <b>2019</b> , 117, 726-733	8
666	Characterization and properties of a new energetic co-crystal composed of trinitrotoluene and 2,6-diaminotoluene. <b>2019</b> , 1179, 453-461	10
665	Self-Assembly Behavior of an Oligothiophene-Based Conjugated Liquid Crystal and Its Implication for Ionic Conductivity Characteristics. <b>2019</b> , 29, 1805220	15
664	Structural investigation of a new cadmium coordination compound prepared by sonochemical process: Crystal structure, Hirshfeld surface, thermal, TD-DFT and NBO analyses. <b>2019</b> , 52, 244-256	5
663	Crystal and Molecular Structures of N-(5-Chloro-2-hydroxy-phenyl)-acetamide and Its Co-crystal with 3,5-Dinitrobenzoic Acid. <b>2019</b> , 49, 155-161	4
662	Photochemistry of various acene based molecules. <b>2019</b> , 38, 27-46	25
661	Synthesis, X-ray crystal structure, DFT calculations, spectroscopic characterization and redox behaviour of a rhodium(III) complex of an anthracenepyridylhydrazone ligand. <b>2019</b> , 44, 341-347	3
660	Strong Emission Enhancement in pH-Responsive 2:2 Cucurbit[8]uril Complexes. 2019, 25, 3257-3261	15
659	New stable 3,1-germaphosphapropenes. Synthesis and structural characterization. <b>2019</b> , 486, 648-653	2

658	Solution and Solid State Properties for Low-Spin Cobalt(II) Dibenzotetramethyltetraaza[14]annulene [(tmtaa)Co] and the Monopyridine Complex. <b>2019</b> , 58, 1224-1233	2
657	Roles of a unique apical salicylate ligand of neutral [Cu(phen) (Hsal)2(H2O)] to coordination mode, geometry, weak interactions, thermal analysis and spectroscopy. <b>2019</b> , 1178, 500-507	1
656	Curtis reactions with Zn complexes derived from 2-(Aminomethyl)Benzimidazole. <b>2019</b> , 1182, 158-167	
655	Single-Crystalline MFI Zeolite with Sheet-Like Mesopores Layered along the a Axis. <b>2019</b> , 25, 738-742	12
654	Synthesis, structural characterization and photoluminescence properties of mononuclear Eu3+, Gd3+ and Tb3+ complexes derived from cis-(´-)-2,4,5-tris(pyridin-2-yl)-imidazoline as ligand. <b>2019</b> , 486, 377-386	6
653	Unraveling the molecular interaction mechanism between graphene oxide and aromatic organic compounds with implications on wastewater treatment. <b>2019</b> , 358, 842-849	27
652	A novel binuclear hydrazone-based Cd(II) complex is a strong pro-apoptotic inducer with significant activity against 2D and 3D pancreatic cancer stem cells. <b>2019</b> , 190, 45-66	4
651	Metal-Involving Bifurcated Halogen Bonding CBr∰2(ClPt). <b>2019</b> , 19, 1364-1376	33
650	Regiodivergent Control in the Gold(I) Catalyzed Synthesis of 7-Pyrazolylindoles from 1-Propargyl-1H-benzotriazoles and Ynamides through ⊞-Imino Gold(I) Carbene Complexes. <b>2019</b> , 361, 758-768	20
649	Synthesis, characterization and crystal structure of heterocyclic tetrahydropyrido[4?,3?:4,5]thieno[2,3-d]pyrimidinone derivatives via sequential aza-Wittig/base catalyzed cyclization. <b>2019</b> , 1180, 31-40	2
648	Structural and Dynamic Aspects of Palladium(II)-Based Self-Assembled Binuclear Coordination Complexes. <b>2019</b> , 59, 248-256	5
647	Synthesis of new platinum(IV) complexes through breaking disulfide bond; crystal structure determination, electrochemical, photoluminescence and DNA interaction investigation. <b>2019</b> , 485, 1-8	8
646	Synthesis, characterisation and electrochemistry of eight Fe coordination compounds containing substituted 2-(1-(4-R-phenyl-1H-1,2,3-triazol-4-yl)pyridine ligands, R = CH3, OCH3, COOH, F, Cl, CN, H and CF3. <b>2019</b> , 484, 375-385	5
645	MBius-like metal chelates constructed from CdHal2 (Hal = Cl, Br, I) and benzilbis(pyridin-2-yl)methylidenehydrazone. <b>2019</b> , 484, 481-490	7
644	Supramolecular Assembly Created Through Weak Non-covalent CliffCl and CliffO Interaction in the Crystal Structure of Homo-Binuclear Ru(II) Complex. <b>2020</b> , 50, 278-285	1
643	Strategies for a fluorescent sensor with receptor and fluorophore designed for the recognition of heavy metal ions. <b>2020</b> , 499, 119181	12
642	New sulfonamide complexes with essential metal ions [Cu (II), Co (II), Ni (II) and Zn (II)]. Effect of the geometry and the metal ion on DNA binding and nuclease activity. BSA protein interaction. <b>2020</b> , 202, 110823	16
641	Ferrocenyl-Pyrenes, Ferrocenyl-9,10-Phenanthrenediones, and Ferrocenyl-9,10-Dimethoxyphenanthrenes: Charge-Transfer Studies and SWCNT Functionalization. <b>2020</b> , 26, 2635-2652	9

640	Adsorption of triclosan, trichlorophenol and phenol by high-silica zeolites: Adsorption efficiencies and mechanisms. <b>2020</b> , 235, 116152	50
639	Non-covalent interactions in organic-inorganic hybrid compounds derived from amino amides. <b>2020</b> , 1202, 127258	3
638	Two Cu(I) complexes based on semicarbazone ligand: synthesis, crystal structure, Hirshfeld surface and anticancer activity evaluation against human cell lines. <b>2020</b> , 31, 171-180	4
637	Ab initio study of aerogen-bonds between some heterocyclic compounds of benzene with the noble gas elements (Ne, Ar, and Kr). <b>2020</b> , 31, 435-445	2
636	Secondary-Sphere Chlorolanthanide(III) Complexes with a 1,3,5-Triazine-Based Ligand Supported by Anion-印即and Hydrogen-Bonding Interactions. <b>2020</b> , 59, 151-160	9
635	Structural, vibrational, optical properties and theoretical studies of a new organic-inorganic material: Tris-acetoguanaminium hexachlorobismuthate monohydrate. <b>2020</b> , 1199, 126986	6
634	Anion-directed assembly of three cationic silver(I) coordination polymers with bis(imidazolyl)-based linker: Structural characterization and anion exchange study. <b>2020</b> , 175, 114236	4
633	Design two large conjugate triazolopyrimidine analogs and apply them to detect 2,4,6-trinitrophenol. <b>2020</b> , 174, 108016	7
632	Syntheses, spectroscopy, tautomerism, induced chirality and molecular structure of 3-(o/p-tolylimino)indolin-2-one and bis[3-(o/p-tolylimino)indole-2-olato-2N,O]-Æinc(II). <b>2020</b> , 501, 119245	3
631	Chemical interaction between nitrogen-doped graphene defects and a copper (1 1 1) surface: Effects on water molecule adsorption. <b>2020</b> , 502, 144149	5
630	Doubly Encapsulated Perylene Diimides: Effect of Molecular Encapsulation on Photophysical Properties. <b>2020</b> , 85, 207-214	13
629	Triaminocyclopropenium Halide and Triiodide Salts: The Formation of Cyclopropenium Dimers. <b>2020</b> , 50, 357-372	1
628	Intermolecular forces regulated the dimensions of CoII, CuII complexes with 2-(1H-1, 2, 4-Triazol-3-yl)pyridine. <b>2020</b> , 111, 107613	1
627	Substituted pyridine-quinoline ligands as building blocks for neutral rhodium(III) complexes. Synthesis, structural characterization studies and anti-platelet activity towards the Platelet-Activating Factor (PAF). <b>2020</b> , 178, 114336	8
626	Syntheses, Crystal Structures and Properties of Zinc(II), Cadmium(II) and Cobalt(II) Coordination Complexes Based on 2,4-Dichlorophenoxyacetic Acid and Different Imidazole-Containing Ligands. <b>2020</b> , 30, 2376-2385	
625	Supramolecular chirogenesis in zinc porphyrins: Complexation with enantiopure thiourea derivatives, binding studies and chirality transfer mechanism. <b>2020</b> , 24, 840-849	4
624	Estacking interactions: Non-negligible forces for stabilizing porous supramolecular frameworks. <b>2020</b> , 6, eaax9976	70
623	Influence of counterions on the supramolecular frameworks of isoquinoline-based silver(I) complexes. <b>2020</b> , 22, 95-104	

622	Subtle substitution controls the rainbow chromatic behaviour of multi-stimuli responsive core-expanded pyrenes. <b>2020</b> , 4, 268-276	15
621	Theoretical study on the M-H#Interactions between metal hydrides and inorganic benzene B3X3H3(X = O, S, Se). <b>2020</b> , 31, 937-946	
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619	Understanding the Role of Metallocenium Ion-Pair Aggregates on the Rate of Olefin Insertion into the Metal <b>C</b> arbon Bond. <b>2020</b> , 10, 1591-1606	10
618	Tuneable interlayer spacing self-assembling on graphene oxide-framework membrane for enhance air dehumidification. <b>2020</b> , 239, 116499	7
617	Carbonic anhydrase modification for carbon management. <b>2020</b> , 27, 1294-1318	11
616	Structures of selected transition metal complexes with 9-(2-hydroxyethyl)adenine: Potentiometric complexation and DFT studies. <b>2020</b> , 1205, 127548	4
615	Physico-chemical characterization and computational studies of a new organic adduct 3-amino-2-chloropyridine: Benzilic acid, crystal for third order harmonic generation. <b>2020</b> , 1203, 127415	5
614	Toward the synthesis of thiadiazole-based therapeutic agents: synthesis, spectroscopic study, X-ray analysis, and cross-coupling reactions of the key intermediate 3,5-diiodo-1,2,4-thiadiazole. <b>2020</b> , 46, 1507-15	519 <sup>3</sup>
613	Synthesis and structural characterization of Zn(II) and Cd(II) ion directed coordination networks and their template-free fabrication to metal oxide nanomaterials. <b>2020</b> , 502, 119281	
612	Ligand-controlled self-assembly of Ag(I) complexes with cyano-containing ligands and their tunable antimicrobial activities. <b>2020</b> , 512, 119873	2
611	Effect of ligand structures on oxygen absorbability and viscosity of metal-containing ionic liquids. <b>2020</b> , 318, 114365	2
610	Synergistic effect of various intermolecular interactions on self-assembly and optoelectronic behaviour in co-crystals/salts of tetrabromoterephthalic acid: a report on their structure, theoretical study and Hirshfeld surface analysis. <b>2020</b> , 22, 8197-8207	3
609	Detection and Characterization of Mononuclear Pd(I) Complexes Supported by N2S2 and N4 Tetradentate Ligands. <b>2020</b> , 59, 15659-15669	5
608	Direct Synthesis of Hydrogen Peroxide in Water by Means of a Rh-Based Catalyst. <b>2020</b> , 39, 3731-3741	7
607	Water-soluble host-guest complexes between fullerenes and a sugar-functionalized tribenzotriquinacene assembling to microspheres. <b>2020</b> , 16, 2551-2561	3
606	A simple Cu(II) complex of phenolic oxime: synthesis, crystal structure, supramolecular interactions, DFT calculation and catecholase activity study. <b>2020</b> , 6, e04942	2
605	Borane adducts of punicine and of its dehydroxy derivatives (pyridinium-1-yl)-2- and 3-phenolates. <b>2020</b> , 76, 131627	4

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603	Unexpected Selective Gas Adsorption on a Non-Porous Metal Organic Framework. <b>2020</b> , 10, 548	2
602	Synthesis and structural characterization of diorganotin(IV) complexes with heteroditopic pyridyl-ONO?-ligands. <b>2020</b> , 512, 119892	3
601	X-Ray Diffraction and Thermographic Study of Mesomorphic 4-Acylphenyl 4'-Nonyloxybenzoate CH3C(O)C6H4ውC(O)ជ6H4ውC9H19. <b>2020</b> , 65, 444-448	2
600	Vibrational and structural studies of new Cu2+ and Co2+ complexes based on croconate ion and 5,5Edimethyl-2,2Edipiridyl ligands. <b>2020</b> , 109, 103098	1
599	Pressure-Induced Spectroscopic Changes in a Californium 1D Material Are Twice as Large as Found in the Holmium Analog. <b>2020</b> , 59, 10794-10801	5
598	2-Amino-3-methylpyridinium, 2-amino-4-methylbenzothiazolium and 2-amino-5-chloropyridinium salts. Experimental and theoretical findings. <b>2020</b> , 1222, 128914	6
597	Investigation of cobalt(III)-phenylalanine complexes for hypoxia-activated drug delivery. <b>2020</b> , 49, 16425-164	1393
596	The Grapefruit Effect: Interaction between Cytochrome P450 and Coumarin Food Components, Bergamottin, Fraxidin and Osthole. X-ray Crystal Structure and DFT Studies. <b>2020</b> , 25,	2
595	Five-coordinate [(L2)2CuII(X)]z+ (X´=´H2O, z´=´2; X´=´N3ŪSCNŪNO2ŪMeCO2ŪCŪBrŪz´=´1; L2´=´1-benzyl-[3-(2-pyridyl)]pyrazole) complexes: Structural index, EPR and redox potential correlations. <b>2020</b> , 513, 119899	1
594	Reversible Mechanochromic Luminescence of Tetranuclear Cuprous Complexes. <b>2020</b> , 59, 17213-17223	15
593	A new spodium bond driven coordination polymer constructed from mercury(II) azide and 1,2-bis(pyridin-2-ylmethylene)hydrazine. <b>2020</b> , 44, 21100-21107	14
592	Synthesis and Single Crystal Structure Characterization of Dinuclear and Polymeric Mixed-ligand Coordination Compounds of Zinc(II) and Cadmium(II) with the Bridging Ligand 1,2-Bis(pyridin-4-ylmethylene)hydrazine. <b>2020</b> , 646, 1861-1868	О
591	Nanosheets and Hydrogels Formed by 2 nm Metal-Organic Cages with Electrostatic Interaction. <b>2020</b> , 12, 56310-56318	8
590	Supramolecular Orange-Red- and Yellow-Emitting Ir(III) Complexes with TFSI and PF6 Counteranions and Production of LEC Devices. <b>2020</b> , 2, 3549-3561	О
589	Low-Dimensional Hybrid Indium/Antimony Halide Perovskites: Supramolecular Assembly and Electronic Properties. <b>2020</b> , 124, 25686-25700	10
588	Synthesis and photoluminescence of three bismuth(III)-organic compounds bearing heterocyclic N-donor ligands. <b>2020</b> , 49, 11756-11771	3
587	Solution aggregation of platinum(ii) triimine methyl complexes. <b>2020</b> , 49, 10729-10733	

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586	Oxygen and peroxide bridged uranyl(VI) dimers bearing tetradentate hybrid ligands: supramolecular self-assembly and generation pathway. <b>2020</b> , 7, 3412-3423	3
585	Synthesis and Cross-Linking of a Benzoxazine-Containing Anthracene Moiety: Thermally Stable Photoluminescent Benzoxazine Resin. <b>2020</b> , 53, 6640-6648	8
584	Cyclometalated Ni(II) Complexes [Ni(N?C?N)X] of the Tridentate 2,6-di(2-pyridyl)phen-ide Ligand. <b>2020</b> , 39, 2820-2829	9
583	Switching the Conformation of 3,2':6',3?-tpy Domains in 4'-(4Alkyloxyphenyl)-3,2':6',3?-Terpyridines. <b>2020</b> , 25,	5
582	Dual Reactivity of 3a,6a-Diaza-1,4-diphosphapentalene: Donor versus n-Donor. <b>2020</b> , 59, 11337-11346	4
581	Coordination chemistry of mercury(ii) halide complexes: a combined experimental, theoretical and (ICSD & CSD) database study on the relationship between inorganic and organic units. <b>2020</b> , 49, 11859-11877	3
580	Two New Co(II) Coordination Polymers: Photocatalytic Properties and Treatment Activity on Sepsis by Reducing TNF-⊞ and IL-1⊞Releasing. <b>2020</b> , 5, 9301-9307	
579	Aromaticity and Chemical Bonding of Chalcogen-Bonded Capsules Featuring Enhanced Magnetic Anisotropy. <b>2020</b> , 21, 2187-2195	3
578	Unexpected Findings in a Simple Metathesis Reaction of Europium and Ytterbium Diiodides with Perfluorinated Mercaptobenzothiazolates of Alkali Metals. <b>2020</b> , 39, 2972-2983	3
577	Atomistic simulations of the aggregation of small aromatic molecules in homogenous and heterogenous mixtures. <b>2020</b> , 22, 21005-21014	2
576	Iron(II) coordination pyrazole complexes with aromatic sulfonate ligands: the role of ether. <b>2020</b> , 44, 13902-13912	4
575	A Primary Amide-Functionalized Heterogeneous Catalyst for the Synthesis of Coumarin-3-carboxylic Acids via a Tandem Reaction. <b>2020</b> , 59, 11407-11416	3
574	Interplay of Estacking and inter-stacking interactions in two-component crystals of neutral closed-shell aromatic compounds: periodic DFT study <b>2020</b> , 10, 27899-27910	10
573	Organic polymorphs based on an AEE-active tetraphenylethene salicylaldehyde Schiff-base derivative: the effect of molecular conformation on luminescence properties <b>2020</b> , 10, 29043-29050	4
572	Redistribution reaction on a six-fold coordinated Sn(IV) atom and reactions towards axially unsymmetric substituted Sn(IV) porphyrins. <b>2020</b> , 925, 121470	
571	Equi-size nesting of Platonic and Archimedean metal-organic polyhedra into a twin capsid. <b>2020</b> , 11, 4103	9
570	Selective Activation of Aromatic Aldehydes Promoted by Dispersion Interactions: Steric and Electronic Factors of a Pocket within Cage-Shaped Borates for Molecular Recognition. <b>2020</b> , 26, 15023-15034	1
569	Supramolecular Assembly and Chirality of Synthetic Carbohydrate Materials. <b>2020</b> , 59, 22577-22583	8

568	Enhancement of Lipid Productivity of Chlorella sp. Using Light-Converting Red Fluorescent Films Based on Aggregation-Induced Emission. <b>2020</b> , 8, 15888-15897	5
567	Hydrogen bonding interactions in fluorinated 1,2,3-triazole derivatives. <b>2020</b> , 44, 16006-16019	2
566	Synthesis and Luminescent Properties of Lanthanide Complexes with Benzothiazolylphenolate and -Naphtholate Ligands. <b>2020</b> , 46, 534-544	1
565	Inter- and Intramolecular Aryl-Aryl Interactions in Partially Fluorinated Ethylenedioxy-bridged Bisarenes*. <b>2020</b> , 26, 16111-16121	2
564	Analysis of Ion Pairing in Solid State and Solution in -Cymene Ruthenium Complexes. <b>2020</b> , 59, 14171-14183	3
563	Supramolecular Assembly and Chirality of Synthetic Carbohydrate Materials. <b>2020</b> , 132, 22766-22772	5
562	Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazide. <b>2020</b> , 25,	13
561	Ligand geometry directs the packing and symmetry of one-dimensional helical motifs in lead oxide naphthoates and biphenylcarboxylates. <b>2020</b> , 22, 6465-6477	1
560	Electric field stimulates production of highly conductive microbial OmcZ nanowires. 2020, 16, 1136-1142	44
559	Synthesis and structural characterisation of bulky heptaaromatic (hetero)aryl o-substituted s-aryltetrazines. <b>2020</b> , 44, 15235-15243	2
558	Atypical structures of GAA/TTC trinucleotide repeats underlying Friedreich's ataxia: DNA triplexes and RNA/DNA hybrids. <b>2020</b> , 48, 9899-9917	8
557	Synthesis, Structure and Supramolecular Properties of a Novel C3 Cryptand with Pyridine Units in the Bridges. <b>2020</b> , 25,	2
556	Template-Directed Synthesis of Two Dinuclear Ni(II) Complexes together with Their Interconversion, Crystal Structures and DNA-Binding Studies. <b>2020</b> , 5, 14703-14712	
555	Synthesis, physical characterization, thermal studies, biological activities and DFT computations on the molecular structure and vibrational spectra of [C7H12N2]2Bi2Br10-4H2O compound. <b>2020</b> , 288, 121402	1
554	Triptycene End-Capped Benzothienobenzothiophene and Naphthothienobenzothiophene. <b>2020</b> , 26, 12596-12605	3
553	A new class of iridium(III) complexes based on fluorine substituted 2,3?-bipyridine and pyridyltetrazolate derivatives: Synthesis, crystal structures, photoluminescent and electroluminescent properties. <b>2020</b> , 180, 108514	4
552	From cyclic amines and acetonitrile to amidine zinc(ii) complexes 2020, 10, 18200-18221	3
551	Experimental distribution of electron density in crystals of Ph3Sb(O2CCH=CHIH=CHIH3)2 complex: the selection of a reference point for the source function in the absence of a bond critical point between atoms. <b>2020</b> , 31, 1841-1849	O

550	tetrahydrocarbazole frameworks. <b>2020</b> , 22, 3789-3796	3
549	Encapsulation of Phosphorescent Pt(II) Complexes in Zn-Based Metal-Organic Frameworks toward Oxygen-Sensing Porous Materials. <b>2020</b> , 59, 7252-7264	12
548	From spin-crossover to single molecule magnetism: tuning magnetic properties of Co(II) bis-ferrocenylterpy cations via supramolecular interactions with organocyanide radical anions. <b>2020</b> , 8, 8135-8144	4
547	Impact of structural changes in heteroleptic bismuth phosphinates on their antibacterial activity in Bi-nanocellulose composites. <b>2020</b> , 49, 7341-7354	4
546	Concentration-Dominated Orientation of Phenyl Groups at the Polystyrene/Graphene Interface. <b>2020</b> , 9, 889-894	18
545	Excitation-Dependent Photoluminescence Color Tuning in Lanthanide-Organic Hybrid Materials. <b>2020</b> , 59, 7539-7552	15
544	Cyclodextrin complexation studies as the first step for repurposing of chlorpromazine. <b>2020</b> , 584, 119391	10
543	Complexation of B(C6F5)3 and 9,10-Dicyanoanthracene: Dual Role of Borane as Spatial and Electronic Tuner. <b>2020</b> , 49, 1022-1025	2
542	Light-driven coordination anions-directed regulation of chromism in three metal complexes assembled by cyano-equipped dithienylethene ligand. <b>2020</b> , 509, 119666	
541	Exceptionally effective benzene/cyclohexane separation using a nitro-decorated metal-organic framework. <b>2020</b> , 56, 8241-8244	27
540	Pyridine hydrazyl thiazole metal complexes: Synthesis, crystal structure, antibacterial and antitumor activity. <b>2020</b> , 118, 108030	6
539	Crystal Packing of Potentially Mesomorphic Azobenezene Derivatives R1¶6H4№=N¶6H4№2 (R1, R2 = CH3COO, C2H5O; CH2=C(CH3)COO, C2H5; C6H13COO, C2H5O). <b>2020</b> , 65, 436-443	3
538	Two 2-fold interpenetrating three-dimensional coordination polymers based on two-fold deprotonated 5-((3-carboxyphenoxy)methyl)benzene-1,3-dioic acid and 1,4-bis((1H-imidazol-1-yl)methyl)benzene: Syntheses, structures and properties. <b>2020</b> , 511, 119802	3
537	Boosting Efficiency of Near-Infrared Emitting Iridium(III) Phosphors by Administrating Their II Conjugation Effect of CoreBhell Structure in Solution-Processed OLEDs. <b>2020</b> , 8, 2000154	26
536	Three novel Cd(II) dithiocarbamate complexes: synthesis, structural diversity and fluorescence properties. <b>2020</b> , 17, 2867-2876	1
535	1D lanthanide coordination polymers containing biphosphonate ligand: Synthesis, structures and luminescence properties. <b>2020</b> , 118, 108045	1
534	Highly selective Diels-Alder and Heck arylation reactions in a divergent synthesis of isoindolo- and pyrrolo-fused polycyclic indoles from 2-formylpyrrole. <b>2020</b> , 16, 1320-1334	2
533	Novel copper(II) complexes with fenamates and isonicotinamide: structure and properties, and interactions with DNA and serum albumin. <b>2020</b> , 44, 12827-12842	9

532	Synthesis of Cost-Effective Pomelo Peel Dimethoxydiphenylsilane-Derived Materials for Pyrene Adsorption: From Surface Properties to Adsorption Mechanisms. <b>2020</b> , 5, 9465-9476	6
531	Interaction engineering in organicIhorganic hybrid perovskite solar cells. <b>2020</b> , 7, 2208-2236	13
530	The shiny side of copper: bringing copper(i) light-emitting electrochemical cells closer to application <b>2020</b> , 10, 22631-22644	10
529	From Isolated Molecular Complexes to Extended Networks: Synthesis and Characterization of Thorium Furanmono- and Dicarboxylates. <b>2020</b> , 2020, 3287-3295	1
528	Insight into Positional Isomerism of N-(Benzo[d]thiazol-2-yl)-o/m/p-Nitrobenzamide: Crystal Structure, Hirshfeld Surface Analysis and Interaction Energy. <b>2020</b> , 10, 348	
527	Synthesis, Structural Characterization and Hirshfeld Surface Analysis of a 2D Coordination Polymer, [Co(4-dpds)(bdc)(H2O)2] 4-dpds. <b>2020</b> , 10, 419	
526	Anion-directed assemblies of Cu(II) mono, di, and poly-nuclear coordination compounds with a 32-membered azacrown ligand: Synthesis, characterisation and crystal structures. <b>2020</b> , 1215, 128200	
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524	Relationship between the antiproliferative properties of Cu(II) complexes with the Schiff base derived from pyridine-2-carboxaldehyde and 5,6-diamino-1,3-dimethyluracil and the redox status mediated by antioxidant defense systems on glioma tumoral cells. <b>2020</b> , 207, 111053	3
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522	Homoleptic Mononuclear Tris-Chelate Complexes of FeII, CoII, NiII, and ZnII Based on a Redox-Active Imidazolyl-2-thione Ligand: Structural and Electrochemical Correlation. <b>2020</b> , 2020, 1562-1573	3
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520	Structural Diversity of Nickel and Manganese Chloride Complexes with Pyridin-2-One. <b>2020</b> , 25,	1
519	Cabiff Bassa Assillant Lines de la Dis(diissian) Consessit Dura Considient Calles Calles 2020, 24	3
	Schiff Base Ancillary Ligands in Bis(diimine) Copper(I) Dye-Sensitized Solar Cells. <b>2020</b> , 21,	)
518	Ebselen as template for stabilization of A4V mutant dimer for motor neuron disease therapy. <b>2020</b> , 3, 97	17
518 517	Ebselen as template for stabilization of A4V mutant dimer for motor neuron disease therapy. <b>2020</b> ,	
	Ebselen as template for stabilization of A4V mutant dimer for motor neuron disease therapy. <b>2020</b> , 3, 97  Supramolecular and theoretical perspectives of 2,2?:6?,2??-terpyridine based Ni(II) and Cu(II)	17

514	Isomerism, and Magnetic Properties. <b>2020</b> , 20, 3374-3385	2
513	Directed self-assembly of viologen-based 2D semiconductors with intrinsic UV-SWIR photoresponse after photo/thermo activation. <b>2020</b> , 11, 1179	47
512	Synthesis, Crystal Structures, and Properties of $(4,4'-Hbipy)2[Sn2(C2O4)3]$ and $(4,4'-Hmbipy)[SnX2]$ $(X = C2O42 \ m = 2; X = Cl, m = 0; bipy = bipyridine)$ . <b>2020</b> , 646, 288-295	2
511	Charge-assisted hydrogen bond and nitrile?nitrile interaction directed supramolecular associations in Cu(II) and Mn(II) coordination complexes: anticancer, hematotoxicity and theoretical studies. <b>2020</b> , 44, 5473-5488	25
510	A Highly Crystalline Perylene Imide Polymer with the Robust Built-In Electric Field for Efficient Photocatalytic Water Oxidation. <b>2020</b> , 32, e1907746	60
509	Synthesis, Structures, and Antibacterial Activities of Four Similar 1D Metal-organic Polymers with Different Metal Ions. <b>2020</b> , 646, 532-539	2
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507	Bio-macromolecular interaction studies: Synthesis, crystal structure of water-soluble manganese(II) complexes. <b>2020</b> , 512, 119882	1
506	Ultrasonic-assisted synthesis of nano-sized metal-organic framework; a simple method to explore selective and fast Congo Red adsorption. <b>2020</b> , 69, 105246	13
505	Cambridge Structural Database (CSD). <b>2020</b> , 413-413	
504	Amphiphilic Porphyrin Aggregates: A DFT Investigation. <b>2019</b> , 25,	2
503	Single and Double-Stranded 1D-Coordination Polymers with 4'-(4-Alkyloxyphenyl)-3,2':6',3"-terpyridines and {Cu(EDAc)} or {Cu(EDH)(EDAc)(EDAc)(AcO-IJ} Motifs. <b>2020</b> , 12,	8
502	Aspects of Phosphaallene Chemistry: Heat-Induced Formation of 1,2-Dihydrophosphetes by Intramolecular Nucleophilic Aromatic Substitution and Photochemical Generation of Tricyclic Phosphiranes. <b>2020</b> , 85, 14315-14332	4
501	Supramolecular Ammine-Copper rac-BINOLAT Salts through in-situ R- or S-BINOL Racemization. <b>2020</b> , 646, 734-739	
500	Mono- and penta-nuclear self-assembled silver(I) complexes of pyrazolyl s-triazine ligand; synthesis, structure and antimicrobial studies. <b>2020</b> , 34, e5603	4
499	Structure, DFT studies, magnetism and biological activity of bis[(µ-azido)-chloro-(1,10-phenanthroline)-copper(II)] complex. <b>2020</b> , 506, 119533	11
498	Two Zinc-Viologen Interpenetrating Frameworks with Straight and Offset Stacking Modes Respectively Showing Different Photo/Thermal Responsive Characters. <b>2020</b> , 20, 2617-2622	19
497	Two Orthogonal Halogen-Bonding Interactions Directed 2D Crystalline Supramolecular J-Dimer Lamellae. <b>2020</b> , 26, 4505-4509	17

496	Scalable Route to Electroactive and Light Active Perylene Diimide Dye Polymer Binder for Lithium-Ion Batteries. <b>2020</b> , 3, 2271-2277	13
495	Coordination polymers and metallocycles of metal halides with n-(aminomethyl)pyridine, n´=´3 or 4: Structures and solid-state fluorescence. <b>2020</b> , 179, 114364	
494	Synthesis, Structural, and Cytotoxic Properties of New Water-Soluble Copper(II) Complexes based on 2,9-Dimethyl-1,10-Phenanthroline and Their One Derivative Containing 1,3,5-Triaza-7-Phosphaadamantane-7-Oxide. <b>2020</b> , 25,	5
493	HydrazoneBromatic interaction: the vital role in molecular self-assembly of benzaldehyde hydrazones. <b>2020</b> , 22, 1691-1694	2
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491	Towards Sustainable Catalysis IHighly Efficient Olefin Metathesis in Protic Media Using Phase Labelled Cyclic Alkyl Amino Carbene (CAAC) Ruthenium Catalysts. <b>2020</b> , 12, 1953-1957	11
490	Photoelectron Spectroscopy on Polycyclic Hydrocarbon E6TCNNQ Interfaces. 2020, 124, 2961-2967	4
489	Crystal structure, hydrogen bonding, Hirshfeld surface analysis and inhibition efficiency of a Schiff base 2-methoxy-6-(naphthalene-2-yliminomethyl)-phenol. <b>2020</b> , 25, 100337	7
488	Syntheses, structures, and magnetic properties of three supramolecular isomeric Cu(II) square grid networks: solvents effect on the ligand linkages. <b>2020</b> , 22, 1321-1329	5
487	Supramolecular frameworks formed via hydrogen bonding and non-covalent interactions and interaction energy calculations of solvent coordinated cis-dioxomolybdenum(VI) complexes derived from ONO donor aroylhydrazone: Cytotoxicity studies. <b>2020</b> , 505, 119472	4
486	Recurrent Supramolecular Motifs in a Series of Acid <b>B</b> ase Adducts Based on Pyridine-2,5-Dicarboxylic Acid N-Oxide and Organic Bases: Inter- and Intramolecular Hydrogen Bonding. <b>2020</b> , 20, 1738-1751	15
485	A Versatile Approach to Access Trimetallic Complexes Based on Trisphosphinite Ligands. <b>2020</b> , 25,	3
484	Extraordinary Acceleration of Cogwheel Helical Self-Organization of Dendronized Perylene Bisimides by the Dendron Sequence Encoding Their Tertiary Structure. <b>2020</b> , 142, 9525-9536	22
483	Additive-Free Conversion of Internal Alkynes by Phosphanylalumanes: Production of Phosphorus/Aluminum Frustrated Lewis Pairs. <b>2020</b> , 85, 933-942	2
482	New metal chelate constructed from Ni(NCS)2 and 1,2-diphenyl-1,2-bis((phenyl(pyridin-2-yl)methylene)hydrazono)ethane. <b>2020</b> , 509, 119707	6
481	Two Co(II) and Ni(II) coordination polymers: crystal structures and inhibitory activity on osteogenic sarcoma cells via inducing apoptosis. <b>2020</b> , 50, 1228-1233	
480	Molecular Interactions of Pyrazine-Based Compounds to Proteins. <b>2020</b> , 63, 8901-8916	14
479	Solubility and Stability Advantages of a New Cocrystal of Berberine Chloride with Fumaric Acid. <b>2020</b> , 5, 8283-8292	24

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478	Extended Esystems in Diimine Ligands in [Cu(P^P)(N^N)][PF6] Complexes: From 2,2?-Bipyridine to 2-(Pyridin-2-yl)Quinoline. <b>2020</b> , 10, 255	12
477	New Scandium-containing Coordination Polymers with Linear Linker Molecules: Crystal Structures and Luminescence Properties. <b>2020</b> , 2020, 2737-2743	4
476	Synthesis, structures, luminescence and thermal stability of Visible/NIR emitting binuclear azomethine-Zn(II) complexes. <b>2020</b> , 223, 117227	3
475	The effect of an engineered ATCUN motif on the structure and biophysical properties of the SH3 domain of c-Src tyrosine kinase. <b>2020</b> , 25, 621-634	1
474	Ultrasonic-assisted synthesis and structural characterization of a novel 3D Pb(II) metal-organic CPs and their nanostructures. <b>2020</b> , 508, 119636	1
473	Adsorption of Polar Volatile Organic Compounds by a Crystalline Network Structure Based on a Bis(benzimidazole)NiCl2 Complex. <b>2020</b> , 20, 4046-4053	4
472	A Cu(II) metal®rganic framework based on an angular ligand with a bulky uncoordinated group: synthesis, structure, and gas adsorption. <b>2020</b> , 73, 844-853	
471	Beyond the Simple Copper(II) Coordination Chemistry with Quinaldinate and Secondary Amines. <b>2020</b> , 25,	13
470	Emergence of anion-linteractions: The land of opportunity in supramolecular chemistry and beyond. <b>2020</b> , 415, 213327	37
469	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. <b>2020</b> , 11, 4730-4740	31
468	Syntheses and Crystal Structures of Two 2H-dibenzo[e, g]indazoles. <b>2021</b> , 51, 161-168	1
467	Synthesis and magneto-structural analysis of H-bonded Cu/Ni-orotato coordination polymers. <b>2021</b> , 1223, 128964	2
466	In situ quantitative determination of the intermolecular attraction between amines and a graphene surface using atomic force microscopy. <b>2021</b> , 581, 385-395	9
465	Coordination complexes of di(2-pyridyl)ketone with copper(I) and their formation in solution and under solvent-free conditions. <b>2021</b> , 514, 119951	3
464	Crystal structure determination, hirshfeld surface analysis and quantum computational studies of (3E,5E)-1-ethyl-3,5-bis (naphthalen-1-yl-methylidene) piperidin-4-one: A novel RORc inhibitor. <b>2021</b> , 1225, 129313	3
463	Formation of nitrobenzene dimers in racemic and chiral salts of 2-amino-1-(4-nitrophenyl)-1,3-propanediol (ANPD) with oxalic and fumaric acids. <b>2021</b> , 1224, 129310	2
462	A Coplanar Extended Quinoxaline Based Hole-Transporting Material Enabling over 21 % Efficiency for Dopant-Free Perovskite Solar Cells. <b>2021</b> , 133, 2706-2711	5
461	A Coplanar Extended Quinoxaline Based Hole-Transporting Material Enabling over 21 % Efficiency for Dopant-Free Perovskite Solar Cells. <b>2021</b> , 60, 2674-2679	56

460	Synthesis and characterization of 1,2,4-triazolo[1,5-a]pyrimidine-2-carboxamide-based compounds targeting the PA-PB1 interface of influenza A virus polymerase. <b>2021</b> , 209, 112944	4
459	Room Temperature Synthesis, Crystal Structure, Water Sorption, and Thermal and Electronic Properties of {[Cu(phen)]2[Cu(phen)2]2Nb6O19}-24H2O. <b>2021</b> , 21, 156-165	3
458	1,7,9,10-Tetrasubstituted PMIs Accessible through Decarboxylative Bromination: Synthesis, Characterization, Photophysical Studies, and Hydrogen Evolution Catalysis. <b>2021</b> , 27, 4081-4088	7
457	Physico-chemical characterization: Vibrational, thermal behavior, opto-electric properties and Hirshfeld surface analysis of new Bi(III) halide complexes containing 3,4-diaminopyridinium cation. <b>2021</b> , 1227, 129720	2
456	Phosphorescence Afterglow and Thermal Properties of [ScCl3(ptpy)] (ptpy: 4'-phenyl-2,2',6',2''-terpyridine). <b>2021</b> , 647, 359-364	1
455	Tris(pentafluoroethyl)difluorophosphorane: A Versatile Fluoride Acceptor for Transition Metal Chemistry. <b>2021</b> , 27, 3504-3516	4
454	Discussion on spectral, electrical and third-order nonlinear optical susceptibility of semi-organic tris(cyclohexylammonium) tris(o-chlorobenzoate) dihydrate single crystal. <b>2021</b> , 32, 141-150	
453	Synthesis, structure and gas adsorption properties of coordination polymers based on mixed imidazole-containing ligands and carboxylate ligands. <b>2021</b> , 517, 120193	1
452	Coordinated compliance of chloro-methyl and bromo-methyl exchange rule in two dihydrofuran carbonitrile derivatives. <b>2021</b> , 1228, 129741	1
451	A density functional theory study on the underwater adhesion of catechol onto a graphite surface. <b>2021</b> , 23, 1031-1037	2
450	A first exploration of isostructurality in transition metal nitroprussides: X-ray analysis, magnetic properties and DFT calculations. <b>2021</b> , 23, 1158-1171	2
449	Supramolecular architectures sustained by delocalised CIP(arene) interactions in molecular crystals and the propensity of their formation. <b>2021</b> , 23, 904-928	4
448	Conformational analysis and electronic interactions of some 2- [2?-(4?-sustituted-phenylsulfanyl)-acetyl]-5-substituted furans and 2- [2?-(phenylselanyl)-acetyl]-5-methylfuran. <b>2021</b> , 1225, 129088	1
447	Energetically significant anti-parallel Estacking and unconventional anion-Interactions in phenanthroline based Ni(II) and Cu(II) coordination compounds: Antiproliferative evaluation and theoretical studies. <b>2021</b> , 516, 120082	10
446	A new mixed-ligand Co(II) coordination polymer: treatment activity on ulcerative colitis by inhibiting the JAK2/STAT3 signaling pathway in the colonic epithelial cells. <b>2021</b> , 51, 538-543	
445	RE-Halobenzoic Acid-Terpyridine Complexes, Part V: Synthesis and Supramolecular Assembly of Rare-Earth-3,5-Dihalobenzoic Acid-Terpyridine Materials and Subsequent Comparison of Non-covalent Interactions. <b>2021</b> , 51, 317-336	O
444	2,2Ebipyridine as a masking agent of ruthenium in the PUREX process. <b>2021</b> , 56, 1649-1658	1
443	Coordination Chemistry of Chromium in Oxidation States + 4, + 5 and + 6. <b>2021</b> , 446-477	

442	Synthesis, structure and antiproliferative effects of alkyne-linked 1,2,4-thiadiazole hybrids including erlotinib- and ferrocene-containing derivatives <b>2021</b> , 11, 28685-28697	O
441	Synthesis and photophysical properties of donor-substituted phenyl-phosphachromones as potential TADF materials. <b>2021</b> , 8, 1747-1755	1
440	A triorganotin(IV) cocrystal with pyridinic phosphoramide: crystal structure and DFT calculations. <b>2021</b> , 75, 2503-2516	1
439	Supramolecular assemblies involving biologically relevant antiparallel Estacking and unconventional solvent driven structural topology in maleato and fumarato bridged Zn(II) coordination polymers: antiproliferative evaluation and theoretical studies. <b>2021</b> , 45, 13040-13055	6
438	Magneto-structural correlations of cyclo-tetravanadates functionalized with mixed-ligand copper(II) complexes. <b>2021</b> , 45, 5081-5092	6
437	Functional ligand directed assembly and electronic structure of Sn-oxo wheel nanoclusters. <b>2021</b> , 57, 5159-5162	3
436	Pressure and temperature dependences of the canting angle and increase in the magnetic ordering temperature, (), for the weak ferromagnet Li[TCNE][(TCNE = tetracyanoethylene). <b>2021</b> , 50, 13859-13865	1
435	Semiconductive coordination polymers with continuous IIInteractions and defined crystal structures. <b>2021</b> , 57, 10407-10410	2
434	Extended dibenzo[g,p]chrysenes.	1
433	First-principles investigation of dimethyl-functionalized MIL-53(Al) metalBrganic framework for adsorption and separation of xylene isomers. <b>2021</b> , 28, 579-591	2
432	Cytotoxicity evaluation and DNA interaction of Ru-bipy complexes containing coumarin-based ligands. <b>2021</b> , 50, 14908-14919	1
431	A green route to prepare metal-free phthalocyanine crystals with controllable structures by a simple solvothermal method <b>2021</b> , 11, 31226-31234	O
430	Intense multi-colored luminescence in a series of rare-earth metal-organic frameworks with aliphatic linkers. <b>2021</b> , 50, 11899-11908	6
429	Reactivity of a carbonyl moiety in organotin(IV) compounds: novel Pd(II) and Cu(II) complexes supported by organotin(IV) ligands. <b>2021</b> , 45, 3817-3827	2
428	Structural Study, Vibrational, Optical, Thermal Properties and Hirshfeld Surface Analysis of a New Iron (III) Complex: FeCl <sub>4</sub> (C <sub>5</sub> N <sub>2</sub> H <sub>6</sub> )	O (C <sub&< td=""></sub&<>
427	<b>2021</b> , 10, 14-26 Unprecedented Steric and Positioning Effects of Comonomer Substituents on ⊞-Diimine Palladium-Catalyzed Vinyl Arene/CO Copolymerization. <b>2021</b> , 54, 687-695	4
426	Polyimide with enhanced latacking for efficient visible-light-driven photocatalysis. 2021, 11, 4889-4897	1
425	Methods for elucidating the structuralproperty relationship in luminescent materials.	2

424	Unusual Interactions directed by the [{(C6H6)Ru}2W8O30(OH)2]6[hybrid anion. 2021, 23, 4125-4135	2
423	A new application of terahertz time-domain absorption spectra in luminescent complexes: characterization of the C-Hiweak interactions in Cu(I) complexes. <b>2021</b> , 50, 10214-10224	4
422	Neptunium(V) Isothiocyanate Complexes with 4'-Aryl-Substituted 2,2':6',2?-Terpyridines and ,-Dimethylacetamide as Molecular Ligands. <b>2021</b> , 60, 1857-1868	2
421	Multiple phenyl ring appended Re-based complexes for strong visible light absorption and DNA binding. <b>2021</b> , 50, 15558-15566	
420	An insight study into the parameters altering the emission of a covalent triazine framework.	O
419	Cation-Induced Dimerization of Crown-Substituted Gallium Phthalocyanine by Complexing with Alkali Metals: The Crucial Role of a Central Metal. <b>2021</b> , 60, 1948-1956	2
418	Theoretical study on the interaction of phenylalaninal with group IA (Li+, Na+, K+) and IIA (Be2+, Mg2+, Ca2+) metal cations. <b>2021</b> , 68, 1002	1
417	Antithrombotic and antiplatelet activity of an organometallic rhodium(I) complex incorporating a substituted thieno-[2,3-d]-pyrimidine ligand: Synthesis, structural characterization, and molecular docking calculations. <b>2021</b> , 35, e6210	2
416	Synthesis, Structures, and Reactivity of [NiFe]-H2ase Mimics Containing One Square-Planar N2S2 Ligand Bridged between Their Ni/Fe Centers through One or Two S Atoms. <b>2021</b> , 40, 508-519	2
415	Anatomy of noncovalent interactions between the nucleobases or ribose and Econtaining amino acids in RNA-protein complexes. <b>2021</b> , 49, 2213-2225	4
414	Elaboration, Crystal Structure, Physicochemical Characterization and DFT Theoretical Calculation of a New Cd(II) Complex [C9H14N]2CdCl4. 1	1
413	Halogen-Bonding-Driven Self-Assembly of Solvates of Tetrabromoterephthalic Acid. <b>2021</b> , 11, 198	1
412	The Effect of Auxiliary Nitrogenated Linkers on the Design of New Cadmium-Based Coordination Polymers as Sensors for the Detection of Explosive Materials. <b>2021</b> , 27, 5298-5306	3
411	A Water-Rich Cobalt(II) Compound: Hydrothermal Synthesis, Spectroscopic, Thermal, Crystal Structure Characterization and Antimicrobial Properties. <b>2021</b> , 6, 1328-1336	2
410	Investigation on nonlinear optical and antibacterial properties of organic single crystal: p-Toluidinium L-Tartrate. <b>2021</b> , 31, 100640	2
409	Manipulating the Conformation of 3,2?:6?,3?-Terpyridine in [Cu2(EDAc)4(3,2?:6?,3?-tpy)]n 1D-Polymers. <b>2021</b> , 3, 182-198	5
408	Functionalised Terpyridines and Their Metal ComplexesBolid-State Interactions. <b>2021</b> , 3, 199-227	О
407	Steric and Electronic Effects on the Structure and Photophysical Properties of Hg(II) Complexes. <b>2021</b> , 60, 3851-3870	2

406	How coiled-coil assemblies accommodate multiple aromatic residues.	1
405	Perfluorophenyl-Perfluorophenyl Stacking-Promoted Aggregation-Induced Emission Enhancement of Crystalline 5-Aryloxy-3H-Indole. <b>2021</b> , 2021, 1344-1350	1
404	Investigation of Structural Changes of Cu(I) and Ag(I) Complexes Utilizing a Flexible, Yet Sterically Demanding Multidentate Phosphine Oxide Ligand. <b>2021</b> , 60, 2437-2445	5
403	Detecting Cu2+ and H2O in methanol based on aggregation-induced emission fluorescent enhancement. <b>2021</b> , 74, 1284-1297	1
402	Revealing new non-covalent interactions in polymorphs and hydrates of Acyclovir: Hirshfeld surface analysis, NCI plots and energetic calculations. <b>2021</b> , 1197, 113133	4
401	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyridyl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. <b>2021</b> , 1, 380-395	4
400	Effects of water removal on the structure and spin-crossover in an anilato-based compound. <b>2021</b> , 123904	3
399	Charge-Transfer-Induced Electrical Conductivity in a Tetrathiafulvalene-Based Metal©rganic Framework. <b>2021</b> , 33, 2532-2542	8
398	The co-crystal of copper(II) phenanthroline chloride complex hydrate with p-aminobenzoic acid: structure, cytotoxicity, thermal analysis, and DFT calculation. <b>2021</b> , 152, 323-336	3
397	CO2 and CH4 adsorption on periodic mesoporous organosilica: A DFT study. <b>2021</b> , 26, 102088	2
396	Crystal structure of bis{1-[(benzotriazol-1-yl)methyl]-1H-1,3-(2-methyl-imidazol)}di-chloridomercury(II), [Hg(C11H11N5)2Cl2], C22H22N10Cl2Hg. <b>2021</b> , 236, 663-665	
395	Arylamidoethyl-Functionalized Imidazolium Salts: Precursors for Dianionic [C,N,C]2lCarbene Ligands at a Platinum Center. <b>2021</b> , 40, 890-898	1
394	1,4-Dibromo-2,5-bis(phenylalkoxy)benzene Derivatives: CBr(arene) Versus CHBr and BrBr Interactions in the Solid State. <b>2021</b> , 11, 325	0
393	Cadmium halide coordination complexes of serpentine pentadentate ligands. <b>2021</b> , 196, 114989	
392	Insight into the high-efficiency adsorption of pyrene by Schiff base porous polymers: Modelling and mechanism. <b>2021</b> , 220, 123576	8
391	How Coiled-Coil Assemblies Accommodate Multiple Aromatic Residues. <b>2021</b> , 22, 2010-2019	1
390	Erdmann Anion An Inexpensive and Useful Species for the Crystallization of Illicit Drugs after Street Confiscations. <b>2021</b> , 3, 598-611	О
389	Structure and phase transition in 1-(diaminomethylene)thiouron-1-ium m-nitrobenzoate monohydrate and the structure of its anhydrous deuterated analogue. <b>2021</b> , 1230, 129626	4

388	Zn(II) complexes of substituted oxyacridinate ligands. Synthesis, structure and properties. <b>2021</b> , 1229, 129798	2
387	3D coordination polymers constructed from d10 metal ions, flexible 1,2,4-triazole derivatives and aromatic tetracarboxylates: Syntheses, structures, thermal and luminescent properties. <b>2021</b> , 296, 122011	2
386	Trans-[Cu(quin)2(EtOH)2]. <b>2021</b> , 2021, M1216	
385	Methyl Hexadecyl Viologen Inclusion in Cucurbit[8]uril: Coexistence of Three Host <b>G</b> uest Complexes with Different Stoichiometry in a Highly Hydrated Crystal. <b>2021</b> , 21, 3650-3655	1
384	New Extended 1,1?-Disubstituted Ferrocenes with Thioate and Dithioate End Groups. 2021, 2021, 2388-2401	1
383	Coordination Chemistry of a Bis(Tetrazine) Tweezer: A Case of Host-Guest Behavior with Silver Salts. <b>2021</b> , 26,	
382	Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotinohydrazide derivative. <b>2021</b> , 519, 120279	11
381	Mesomorphism of Dichotomous Compounds; X-Ray Diffraction Analysis of 4-Chlorophenyl Hexadecyl Ether. <b>2021</b> , 66, 420-423	
380	Silver N-heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes. <b>2021</b> , 35, e6312	6
379	Theoretical guidance for the construction of electron-rich reaction microcenters on CDHe bridges for enhanced Fenton-like degradation of tetracycline hydrochloride. <b>2021</b> , 411, 128535	15
378	Construction of hydroxyl functionalized magnetic porous organic framework for the effective detection of organic micropollutants in water, drink and cucumber samples. <b>2021</b> , 412, 125307	18
377	Structural and vibrational characterization of 1-(diaminomethylene)-thiouron-1-ium 4-aminobenzoate. <b>2021</b> , 1234, 130181	1
376	COMBINED EXPERIMENTAL AND COMPUTATIONAL APPROACH TO THE STRUCTURE OF A NEW NICKEL(II) COMPLEX WITH TRIDENTATE SCHIFF BASE LIGAND. <b>2021</b> , 62, 938-946	O
375	Structure-Property Relationships in Photoluminescent Bismuth Halide Organic Hybrid Materials. <b>2021</b> , 60, 9727-9744	3
374	Influence of Triazole Substituents of Bis-Heteroleptic Ru(II) Probes toward Selective Sensing of Dihydrogen Phosphate. <b>2021</b> , 60, 9084-9096	5
373	Self-assembly of N-heterocyclic carbenes on Au(111). <b>2021</b> , 12, 4034	9
372	NEW METAL-ORGANIC COORDINATION POLYMERS FROM PRE-SYNTHESIZED HETEROMETALLIC PIVALATE COMPLEXES: SYNTHESIS AND CRYSTAL STRUCTURE. <b>2021</b> , 62, 947-956	
371	A Dimeric Estacking of Anthracene Inducing Efficiency Enhancement in Solid-State Fluorescence and Non-Doped Deep-Blue Triplet Iriplet Annihilation Organic Light-Emitting Diodes. <b>2021</b> , 9, 2100500	10

370	Two-Dimensional Copper Iodide-Based Inorganic Drganic Hybrid Semiconductors: Synthesis, Structures, and Optical and Transport Properties. <b>2021</b> , 33, 5317-5325	7
369	Single Crystal Structure of Terfenadine Form I. 1	1
368	Synthesis and characterization of [4-{(CH2O)2CH}C6H4]2Hg, [4-(O=CH)C6H4]2Hg and [(E)-4-(RN=CH)C6H4]2Hg (R = 2?-py, 4?-py, 2?-pyCH2, 4?-pyCH2). <b>2021</b> , 35, e6339	1
367	Combining benzotriazoles and azides in copper(II) chemistry: synthesis, structural and spectroscopic characterization of a 1-D corrugated tape [Cu(N3)2(1-Mebta)]n coordination polymer (1-Mebta = 1-methylbenzotriazole). <b>2021</b> , 74, 1823-1833	
366	Homology Modelling, In Silico Prediction And Characterization Of Cytochrome c oxidase In Cyprinus carpio And Tubifex tubifex And Molecular Docking Studies Between The Modelled Protein And Three Commonly Used Surfactants Sodium Dodecyl Sulphate, Cetylpyridinium Chloride And Sodium	
365	Laureth Sulphate. <b>2021</b> , Pyridinium Pentachloridooxomolybdate(V), (PyH)2[MoOCl5], Revisited: Single-Crystal X-ray Structure Determination. <b>2021</b> , 2021, M1249	
364	Charge Transportation in Zn(II)/Cd(II)-Based 2D MOFs of 5-Nitro-isophthalate with Isonicotinic Hydrazide. <b>2021</b> , 21, 4847-4856	2
363	Effective Adsorption of Methyl Orange on Organo-Silica Nanoparticles Functionalized by a Multi-Hydroxyl-Containing Gemini Surfactant: A Joint Experimental and Theoretical Study. <b>2021</b> , 6, 18014-180	02³3
362	A New Insight into Non-covalent Interactions in 1,4-Disubstituted 1H-1,2,3-Triazole: Synthesis, X-ray structure, DFT calculations, in vitro Lipoxygenase Inhibition (LOX) and in silico Studies. <b>2021</b> , 1236, 130283	4
361	Synthesis and study of complexes of cobalt(II), nickel(II), and copper(II) halides with 2-(3,5-dimethylpyrazol-1-yl)benzimidazole. <b>2021</b> , 70, 1550-1559	2
360	Unusual Izofacial parallel stacked geometry interaction and intramolecular Csp2-H—O=C bonding in 3-Aryl-5-propylene-3-pyrrolin-2-one molecular structure. <b>2021</b> , 1237, 130393	
359	The Solvent Effect on Composition and Dimensionality of Mercury(II) Complexes with Picolinic Acid. <b>2021</b> , 26,	O
358	Syntheses, Structures, Reactivities, and Basicities of Quinolinyl and Isoquinolinyl Complexes of an Electron Rich Chiral Rhenium Fragment and Their Electrophilic Addition Products. <b>2021</b> , 27, 13399-13417	О
357	2-Aminopyrimidinium Decavanadate: Experimental and Theoretical Characterization, Molecular Docking, and Potential Antineoplastic Activity. <b>2021</b> , 9, 67	3
356	Structure Evolution and Thermal Decomposition of Supramolecular and Lamellar Hybrid Sulfates Templated by 4-Aminopyridinium. <b>2021</b> , 31, 4165	O
355	Coordination chemistry of polynitriles, part VII. The crystal structures of barium (II) and lead (II) pentacyanocyclopentadienide. <b>2021</b> , 205, 115311	1
354	An integrated and approach to determine the effects of three commonly used surfactants sodium dodecyl sulphate, cetylpyridinium chloride and sodium laureth sulphate on growth rate and hematology in. <b>2021</b> , 1-13	2
353	Role of Stacking Interactions in the Stability of Primitive Genetics: A Quantum Chemical View. <b>2021</b> , 61, 4321-4330	O

352 Synthesis, structural, and DFT studies of mixed ligand copper(II) malonates. **2021**, 133, 1

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351	Structural variations of trinitrato(terpyridine)lanthanoid complexes. <b>2021</b> ,	
350	Solvent Driven Structural Topologies involving Unconventional OH(methanol)?Icontact and Anti-cooperative HB—Anion-HB assemblies with Unusual Enclathration of dual guest (H2O)4 cores in Mn(II) and Ni(II) Coordination Compounds: Antiproliferative Evaluation and Theoretical Studies. 2021, 210, 115503	О
349	Enantio- and Regioselective Palladium(II)-Catalyzed Dioxygenation of (Aza-)Alkenols. 2021, 133, 21891-21895	О
348	Novel Oxidovanadium Complexes with Redox-Active R-Mian and R-Bian Ligands: Synthesis, Structure, Redox and Catalytic Properties. <b>2021</b> , 26,	2
347	Dipole-Orientation-Dependent Fister Resonance Energy Transfer from Aromatic Head Groups to MnBr Blocks in Organic-Inorganic Hybrids. <b>2021</b> , 12, 8692-8698	6
346	Unconventional Ehole and Semi-coordination regium bonding interactions directed supramolecular assemblies in pyridinedicarboxylato bridged polymeric Cu(II) Compounds: Antiproliferative evaluation and theoretical studies. <b>2021</b> , 525, 120461	5
345	Structural insights into coordination polymers based on 6s2 Pb(II) and Bi(III) centres connected via heteroaromatic carboxylate linkers and their potential applications. <b>2021</b> , 443, 213935	16
344	Evaluation of Manganese Cubanoid Clusters for Water Oxidation Catalysis: From Well-Defined Molecular Coordination Complexes to Catalytically Active Amorphous Films. <b>2021</b> , 14, 4741-4751	1
343	Enantio- and Regioselective Palladium(II)-Catalyzed Dioxygenation of (Aza-)Alkenols. <b>2021</b> , 60, 21723-21727	3
342	Supramolecular architecture formed between amidinothiourea and 2-pyridinecarboxylic acid. <b>2021</b> , 1242, 130736	3
341	Self-assembly of supramolecules containing half-sandwich iridium units. <b>2021</b> , 445, 213909	O
340	Preparation of modified cellulose microspheres and application of fast enrichment of chlorogenic acid from mulberry leaf extract. <b>2021</b> , 15, 911-923	
339	Exchange coupling in a thiocyanato-bridged copper(II) chain: Computational approach to magnetostructural correlations. <b>2021</b> , 208, 115406	О
338	Molecular insight into the reversible dispersion and aggregation of graphene utilizing photo-responsive surfactants. <b>2021</b> , 567, 150840	1
337	Benzoato bridged dinuclear Mn(II) and Cu(II) compounds involving guest chlorobenzoates and dimeric paddle wheel supramolecular assemblies: Antiproliferative evaluation and theoretical studies. <b>2021</b> , 208, 115409	5
336	Understanding the interaction of organic corrosion inhibitors with copper at the molecular scale: Benzotriazole on Cu(110). <b>2021</b> , 570, 151206	3
335	Homodinuclear copper(II) and zinc(II) complexes of a carboxylate-rich ligand as synthetic mimics of phosphoester hydrolase in aqueous solutions. <b>2021</b> , 225, 111589	O

334	Crystal structure, Hirshfeld surface analysis and physicochemical studies of a new copper coordination polymer with 3,3Ediaminodiphenylsulfone as ligand. <b>2021</b> , 1245, 131236	1
333	Supramolecular, spectroscopic and computational analysis of weak interactions in some thiosemicarbazones derived from 5-acetylbarbituric acid. <b>2021</b> , 1245, 131031	O
332	Unconventional enclathration of guest adipic acid and energetically significant antiparallel Estacked ternary assemblies involving unusual regium-(chelate) contacts in phenanthroline-based Ni(II) and Cu(II) compounds Antiproliferative evaluation and theoretical studies. <b>2021</b> , 1245, 131038	6
331	Two copper(II) coordination complexes based on sulfanilamide ligand: Synthesis, structure, thermal analyzes, electrochemical properties and biological activities. <b>2022</b> , 1247, 131346	
330	High-efficiency adsorption of phenanthrene by FeO-SiO-dimethoxydiphenylsilane nanocomposite: Experimental and theoretical study. <b>2022</b> , 422, 126948	12
329	Fast photochromism in solid: Microenvironment in metal-organic frameworks promotes the isomerization of donor-acceptor Stenhouse adducts. <b>2022</b> , 427, 132037	4
328	Synthesis, characterization, Hirshfeld surface analysis, DFT calculations and antibacterial activity evaluation of a new unsymmetrically substituted 1,3,5-triazacyclohexane. <b>2022</b> , 1249, 131554	
327	Tuning dimensionality between 2D and 1D MOFs by lanthanide contraction and ligand-to-metal ratio. <b>2021</b> , 45, 6600-6610	1
326	Schiff base ligands derived from 1,2-bis(2?-nitro-/amino-phenoxy)-3-R-benzene and 2-hydroxy-1-naphthaldehyde and their Cu/Zn(II) complexes: synthesis, characterization, X-ray structures and computational studies. <b>2021</b> , 23, 6322-6339	0
325	Biologically relevant unusual cooperative assemblies and fascinating infinite crown-like supramolecular nitrate water hosts involving guest complex cations in bipyridine and phenanthroline-based Cu(II) coordination compounds: antiproliferative evaluation and theoretical	7
324	Synthesis and crystal structure of one new Pb(II) complex constructed by 1,10-phenanthroline and two carboxylate ligands. <b>2021</b> , 44, 157-164	1
323	Interaction of dicoordinate phosphorus with boranes: chemistry of 3a,6a-diaza-1,4-diphosphapentalene as masked phosphinidene. <b>2021</b> , 50, 5890-5898	1
322	Impact of noncovalent interactions on structural and photophysical properties of zero-dimensional tellurium(IV) perovskites. <b>2021</b> , 9, 3271-3286	1
321	Fate of model complexes with monocopper center towards the functional properties of type 2 and type 3 copper oxidases. <b>2021</b> , 26, 67-79	2
320	Single-chain magnet behavior in a finite linear hexanuclear molecule. <b>2021</b> , 12, 10613-10621	2
319	Highly efficient light-converting films based on diketopyrrolopyrrole with deep-red aggregation-induced emission for enhancing the lipid productivity of Chlorella sp	o
318	Triptycene End-Capping as Strategy in Materials Chemistry to Control Crystal Packing and Increase Solubility. <b>2021</b> , 21, 558-573	4
317	Crystal Engineering of Coordination Polymers. 451-511	Ο

316	Two Pairs of Homochiral Coordination Polymers with Helices Based on Semi-rigid Lactic Acid Ligands. <b>2017</b> , 643, 373-378	4
315	Single and simultaneous adsorption of basic dyes by novel organo-vermiculite: A combined experimental and theoretical study. <b>2020</b> , 601, 125059	20
314	One dimensional carboxylatocopper(II) coordination polymers with 4-pyridylmethanol. <b>2020</b> , 510, 119763	1
313	1D helical cadmium coordination polymers containing hydrazide ligand: The role of solvent and molar ratio. <b>2018</b> , 1156, 534-543	7
312	Synthesis, crystal structure, cytotoxic, antileishmanial activities and docking studies on N,N?-(ethane-1,2-diyl)bis(3-methylbenzamide). <b>2018</b> , 1156, 627-631	4
311	Two new 4-coordinate Cu(II) chains with 1,2,3-triazole derivate as bridging ligand: Synthesis, structures and magnetic properties. <b>2020</b> , 1217, 128165	3
310	Crystal structure, Hirshfeld surface, DFT calculations and photophysical properties of 2,4,5-tris(4-pyridyl)imidazole hydrogen chloride. <b>2020</b> , 1213, 128175	1
309	In(III) and Sc(III) based coordination polymers derived from rigid benzimidazole-5,6-dicarboxylic acid: Synthesis, crystal structure and catalytic property. <b>2018</b> , 141, 369-376	18
308	Synthsis, structures and magnetic properties of three new coordination polymers constructed by mixed-linker strategy. <b>2020</b> , 180, 114417	2
307	Supramolecular networks in molecular complexes of pyridine boronic acids and polycarboxylic acids: synthesis, structural characterization and fluorescence properties. <b>2017</b> , 19, 3760-3775	17
306	Sensitization of NIR luminescence of Yb by Zn chromophores in heterometallic complexes with a bridging Schiff-base ligand. <b>2017</b> , 46, 10408-10417	16
305	Adducts of triangular silver(i) 3,5-bis(trifluoromethyl)pyrazolate with thiophene derivatives: a weak interaction model of desulfurization. <b>2019</b> , 48, 16162-16166	7
304	Dynamic porous coordination polymers built-up from flexible 4,4'-dithiodibenzoate and rigid N-based ligands. <b>2020</b> , 49, 13142-13151	1
303	On the importance of Ehole spodium bonding in tricoordinated Hg complexes. <b>2020</b> , 49, 17547-17551	18
302	Mononuclear gold(iii) complexes with diazanaphthalenes: the influence of the position of nitrogen atoms in the aromatic rings on the complex crystalline properties <b>2020</b> , 10, 44481-44493	2
301	Intrinsic electronic conductivity of individual atomically resolved amyloid crystals reveals micrometer-long hole hopping via tyrosines. <b>2021</b> , 118,	15
300	Structural insights into a versatile macrocyclic family based on 2,5-diphenyl[1,3,4]oxadiazole: a combined X-ray diffraction and computational study. <b>2017</b> , 29, 896-911	3
299	(Isopropyl xanthato-B,S')bis-(1,10-phenanthroline-N,N')sodium(I). <b>2007</b> , 64, m27	1

## (2016-2007)

298	Tetra-kis(Eanthracene-9-carboxyl-ato)bis-[(anthracene-9-carboxyl-ato)(2,2'-bipyrid-yl)lanthanum(III)]. <b>2007</b> , 64, m15-6	7
297	3-Butyl-2-propyl-amino-1-benzo-thieno[3,2-d]pyrimidin-4(3H)-one. <b>2007</b> , 64, o42	1
296	trans-Diaqua-bis(ethyl-enediamine-Ŋ,N')copper(II) bis[3-(3-pyrid-yl)propionate] dihydrate. <b>2008</b> , 64, m509-10	5
295	7-Eth-oxy-4'-methoxy-isoflavone (monoethyl-formononetin). <b>2008</b> , 64, o893	1
294	Benzene-1,3,5-tricarboxylic acid-1,2-bis-(1,2,4-triazol-4-yl)ethane-water (4/1/2). <b>2008</b> , 64, o1199	6
293	Poly[[2-(3-pyridinio)-1H,3H-benzimidazolium] [(͡4)-oxido-di-(͡B)-oxido-tetra-(͡2)-oxido-hexa-oxidotetra-molybdenum(VI)]]. <b>2009</b> , 65, m505-6	1
292	Aqua-(2,2'-bipyridine-Ŋ,N')bis-(thio-phene-2-carboxyl-ato-Ŋ)copper(II). <b>2009</b> , 65, m909-10	5
291	(6-Acetyl-1,3,7-trimethyl-lumazine-D,N,O)bis-(triphenyl-phosphine-P)copper(I) hexa-fluorido-phosphate. <b>2010</b> , 66, m145-6	1
290	4-Phenyl-piperazin-1-ium dihydrogen phosphate. <b>2010</b> , 66, o2244-5	3
289	Benzo[1,2-b:4,5-b']dithio-phene-4,8-dione. <b>2012</b> , 68, o1428	1
288	2-Amino-pyridin-1-ium triiodide. <b>2013</b> , 69, o1060-1	3
287	2-Oxo-2H-chromen-4-yl 4-methyl-benzoate. <b>2013</b> , 69, o1081-2	3
286	Synthesis, crystal structure, polymorphism and microscopic luminescence properties of anthracene derivative compounds. <b>2020</b> , 76, 427-435	4
285	Molecular structures of 3-[(2,2,3,3-tetrafluoropropoxy)methyl]- and 3-[(2,2,3,3,3-pentafluoropropoxy)methyl]pyridinium saccharinates. <b>2017</b> , 73, 593-599	3
284	The role of Estacking and hydrogen-bonding interactions in the assembly of a series of isostructural group IIB coordination compounds. <b>2019</b> , 75, 178-188	9
283	Crystal structure of 1-bromo-2-(phenyl-selen-yl)benzene. <b>2015</b> , 71, 327-9	2
282	The crystal structure of 4'-{4-[(2,2,5,5-tetra-methyl-N-oxyl-3-pyrrolin-3-yl)ethyn-yl]phen-yl}-2,2':6',2"-terpyridine. <b>2015</b> , 71, 870-4	1
281	Bis(benzyl-tri-methyl-ammonium) bis-[(4SR,12SR,18RS,26RS)-4,18,26-trihy-droxy-12-oxido-13,17-dioxahepta-cyclo-[14.10.0.0(3,14).0(4,12).0(6, sesquihydrate: dimeric structure formation via [O-H-O](-) negative charge-assisted hydrogen bonds	- 11) <sub>3</sub> 0(18,26

280	Crystal structure of (acetato-D)(ethanol-D)[(9S,17S,21S,29S)-9,17,21,29-tetra-hydroxy-18,30-dioxa-octa-cyclo-[18.10.0.0(2,7).0(8, O (18),O (21),O (22)]caesium ethanol monosolvate. <b>2016</b> , 72, 884-7	19 <u>}</u> .0(9,17).
279	Crystal structures of fac-tri-carbonyl-chlorido-(6,6'-dihy-droxy-2,2'-bi-pyridine)-rhenium(I) tetra-hydro-furan monosolvate and fac-bromido-tricarbon-yl(6,6'-dihy-droxy-2,2'-bi-pyridine)-manganese(I) tetra-hydro-furan	2
278	Utilizing Hirshfeld surface calculations, non-covalent inter-action (NCI) plots and the calculation of inter-action energies in the analysis of mol-ecular packing. <b>2019</b> , 75, 308-318	233
277	Crystal structure and Hirshfeld surface analysis of (E2-{4-[(carboxyl-atometh-yl)carbamo-yl]benz-amido}-acetato-E')bis-[bis-(1,10-phenanthroline-E', ')copper(II)] dinitrate ,'-(1,4-phenyl-enedicarbon-yl)diglycine monosolvate octa-hydrate. <b>2019</b> , 75, 667-674	8
276	Crystal structure and Hirshfeld surface analysis of 4,4'-(propane-1,3-diyl)bis(4-1,2,4-triazol-1-ium) penta-fluorido-oxidovanadate(V). <b>2020</b> , 76, 780-784	2
275	Hydrogen bonded homodimetallic compounds of the formula [M(H2O)5M(dipic)2]•2H2O, M = CoII or Nill and dipic = dipicolinate anion. <b>2017</b> , 10, 132-138	1
274	Crystal structure of Bis{1-[(benzotriazol-1-yl)methyl]-1-H-1,3-(2-methyl-imidazol)}diiodidocadmium(II), [Cd(C11H11N5)2I2], C22H22N10I2Cd. <b>2019</b> , 234, 919-921	1
273	Synthesis, crystal structure and in vitro anticancer studies of two bis(8-quinolinolato-N,O)-platinum(II) complexes. <b>2019</b> , 10, 37-44	2
272	N-(Dibenzylcarbamothioyl)-3-methylbutanamide: Crystal structure, Hirshfeld surfaces and antimicrobial activity. <b>2017</b> , 8, 410-416	4
271	Synthesis and Characterization of [2-CH3CH2C6H4NH3]6P6O18?4H2O. <b>2011</b> , 2011, 1-6	1
270	Lead(II) supramolecular structures formed through a cooperative influence of the hydrazinecarbothioamide derived and ancillary ligands.	1
269	A photoexcited halogen-bonded EDA complex of the thiophenolate anion with iodobenzene for C(sp)-H activation and thiolation <b>2021</b> , 12, 15655-15661	6
268	Dual-Functional Metal-Organic Framework for Luminescent Detection of Carcinoid Biomarkers and High Proton Conduction. <b>2021</b> , 60, 17303-17314	7
267	Deciphering non-covalent interactions of 1,3-Benzenedimethanaminium bis(trioxonitrate): Synthesis, empirical and computational study. <b>2022</b> , 1250, 131720	1
266	Harnessing Bismuth Coordination Chemistry to Achieve Bright, Long-Lived Organic Phosphorescence. <b>2021</b> , 60, 16840-16851	4
265	Lithium Half-Salen Complexes: Synthesis, Structural Characterization and Studies as Catalysts for rac-Lactide Ring-Opening Polymerization. <b>2021</b> , 2021, 5557-5568	O
264	The modulation of 9-Chloro-9-Phosphaalkenylchloro-9-Germafluorene reactivity through organolithium reagents. <b>2021</b> , 210, 115505	1
263	A one-dimensional ladder-like coordination polymer: poly[[hexa-aqua-bis(屆-nitro-benzene-1,3-dicarboxyl-ato-D,O',O'')([axalato-D,O':O'',O''')diyttrium(III)] trihydrate]. <b>2007</b> , 64, m120-1	

## (2019-2008)

262	A one-dimensional zigzag coordination polymer: catena-poly[[[triaqua-cadmium(II)]-[£2,2'-(5-methyl-1,3-phenyl-enedi-oxy)diacetato-D,O':O",O""]] monohydrate]. <b>2008</b> , 64, m280-1
261	Di-Ehicotinato-N:O;D:N-bis-[aqua-(ethyl-enediamine-N,N')(nicotinato-N)cadmium(II)] dihydrate. <b>2008</b> , 64, m665-6
260	Bis(chloro-acetato)-D,O';D-methanol-D-bis-(2-methyl-furo[3,2-c]pyridine-N)copper(II). <b>2008</b> , 64, m610-1
259	2-(2-Hydroxy-ethyl-amino)-3-phenyl-1-benzofuro[3,2-d]pyrimidin-4(3H)-one dichloro-methane hemisolvate. <b>2009</b> , 65, o1330
258	6,6'-Dihydr-oxy-3,3'-dithio-dibenzoic acid. <b>2009</b> , 65, o1701
257	Bonding Pattern of Alkylated Di-cation by Weak Hydrogen Bonds in the Crystal of Metal Complex Salts and its Dependence on the Alkyl Chain Length. <b>2010</b> , 52, 233-238
256	A Triple Anion Helicate Assembled from a Bis(biurea) Ligand and Phosphate Ions. 2011, n/a-n/a
255	3,22-Dioxa-11,14-di-aza-penta-cyclo-[12.8.0.0(2,11).0(5,10).0(15,20)]docosa-5(10),6,8,15(20),16,18-hexa-ene-4,21-dione <b>2013</b> , 69, o1535
254	Monolayers. <b>2014</b> , 105-137
253	Crystal structure of 3-(2-hy-droxy-eth-yl)-2-methyl-sulfanyl-6-nitro-3-benzimidazol-1-ium chloride monohydrate. <b>2016</b> , 72, 1356-1359
252	Synthesis and crystal structure of bis(1-{[(quinolin-8-yl)imino]methyl}pyrene-[])silver(I) tri-fluoro-methane-sulfonate. <b>2016</b> , 72, 1495-1498
251	Hydrogen bonding, Estacking and van der Waals forces-dominated layered regions in the crystal structure of 4-amino-pyridinium hydrogen (9-phosphono-non-yl)phospho-nate. <b>2016</b> , 72, 1456-1459
250	Crystal structures of $[M(N3)2(phen)2]$ compounds, $M = Mn$ , Co or Cu and phen = 1,10-phenanthroline. <b>2016</b> , 9, 152-157
249	Three phenanthroline-metal complexes with topologically similar but geometrically different conformations. <b>2016</b> , 72, 1581-1586
248	Asymmetric structure of cis-[N-(9-anthracenylmethyl)-1,2-ethanediamine]dipyridineplatinum(II) dinitrate. <b>2017</b> , 73, 975-978
247	2-Oxo-2H-chromen-7-yl 4-methylbenzoate. <b>2018</b> , 3,
246	The enrichment ratio of atomic contacts in the crystal structure of isomeric, triply protonated, 4'-functionalized terpyridine cations with [ZnCl] as counter-ion. <b>2018</b> , 74, 1881-1886
245	Synthesis, characterization and crystal structure determination of new coordination polymers of cadmium (II) based on pyridine hydrazide ligands. <b>2019</b> , 26, 1001-1012

244	Co-crystal of carbazole-based thiourea derivative compound with acetic acid: Crystallography and Hirshfeld surface analysis. 1-1	
243	Crystal structure, Hirshfeld surface analysis and physicochemical characterization of bis-[4-(di-methyl-amino)-pyridinium] di-Ethlorido-bis[di-chlorido-mercurate(II)]. <b>2019</b> , 75, 1600-1606	3
242	A Study on Bismuth-Based Photochromic Inorganic-Organic Hybrid with Photoelectric Switchable Properties. <b>2020</b> , 08, 16-24	
241	Polypyridines, Picrates, Lanthanides: A Plethora of Stacks?. <b>2020</b> , 73, 529	
240	Computational-Designed Enzyme for <code>#Tyrosine Production</code> in Lignin Valorization. <b>2021</b> , 11, 1310	1
239	Ion permeation controlled by hydrophobic residues and proton binding in the proton-activated chloride channel. <b>2021</b> , 24, 103395	Ο
238	Allan White and Solvento/Aqua Complexes: ScIII Solvation. 2020, 73, 468	Ο
237	Design, synthesis and evaluation of potential inhibitors for poly(ADP-ribose) polymerase members 1 and 14. <b>2020</b> , 12, 2179-2190	Ο
236	Novel 'main-part' isostructuralism in metal complexes with 1-methylimidazole: crystal structures, energy calculations and magnetic properties. <b>2021</b> , 50, 17029-17040	О
235	A counterion study of a series of [Cu(P^P)(N^N)][A] compounds with bis(phosphane) and 6-methyl and 6,6'-dimethyl-substituted 2,2'-bipyridine ligands for light-emitting electrochemical cells. <b>2021</b> ,	2
234	Structural and theoretical study of four novel norcantharidine derivatives: two new cases of conditional isomorphism. <b>2020</b> , 76, 75-86	
233	Crystal structure and self-assembly on graphite of a pyrazolo[1,5-c]pyrimidine derivative. <b>2021</b> , 77, 757-763	
232	Luminescent properties of chameleon-like metal-organic framework between zinc(II) dichloride and two quinoline-N-oxide molecules. <b>2020</b> , 239, 118464	0
231	Spin-state control of cobalt(II) and iron(II) complexes with click-derived tripodal ligands through non-covalent and fluorine-specific interactions. <b>2021</b> ,	1
230	Graphene: Structure, properties, preparation, modification, and applications. 2022, 1-24	
229	Emergence of Aggregation Induced Emission (AIE), Room-Temperature Phosphorescence (RTP), and Multistimuli Response from a Single Organic Luminogen by Directed Structural Modification. <b>2021</b> , 125, 12832-12846	Ο
228	Exploring Anticancer Activities and Structure-Activity Relationships of Binuclear Oxidovanadium(IV) Complexes <b>2021</b> , 4, 8571-8583	1
227	A Scintillating One-Dimensional Coordination Polymer Based on Cadmium(II), N,N?-(1,4-Phenylenedicarbonyl)diglycinate, and 2,2?-Bipyridine: Crystal Structure, Hirshfeld Surface Analysis, and Luminescence Lifetime Properties [] <b>2021</b> , 2, 371-384	1

Effect of the Nature of Substituents in the Oxyacridine Ligands on the Luminescence Properties and Cytotoxicity of the Zinc Complexes. **2021**, 47, 730-740

225	The effect of metalation processes on polymer morphology and conductivity properties. 096739112110482	1
224	Unusual Alternating Crystallization-Induced Emission Enhancement Behavior in Nonconjugated Phenylalkyl Tropylium Salts. <b>2021</b> , 143, 20384-20394	3
223	Crystal structure and optical property of a supramolecular bromotellurate salt templated with 4 (Ethylammoniummethyl)pyridinium. <b>2021</b> , 1251, 131994	O
222	Strong Estacking Stabilized Nanophotosensitizers: Improving Tumor Retention for Enhanced Therapy to Large Tumor in Mice. <b>2021</b> , e2106797	12
221	CH Activation of Cationic Bismuth Amides: Heteroaromaticity, Derivatization, and Lewis Acidity. <b>2021</b> ,	O
220	One-step self-assembly for fabricating dual responsive fluorescent aggregates. <b>2021</b> , 634, 127979	
219	Crystal structure, vibrational spectra, optical properties and thermal behavior of the 1D perovskite (2-amino-4-methylpyridinium)trichlorocadmate(II) (C6H9N2)1[CdCl3]. 1-13	2
218	Designing luminescent diimine-Cu(I)phosphine complexes by tuning N-ligand and counteranions: correlation of weak interactions, luminescence and THz absorption spectra.	1
217	Stars and stripes: hexatopic tris(3,2':6',3''-terpyridine) ligands that unexpectedly form one-dimensional coordination polymers <b>2022</b> , 24, 491-503	O
216	An organophotocatalytic late-stage N-CH oxidation of trialkylamines to -formamides with O in continuous flow <b>2022</b> , 13, 1912-1924	3
215	Synthesis, crystallization and Hirshfeld surface analysis of transition metal carboxylate pentapyridines. <b>2021</b> , 24, 57-69	1
214	Spodium bonds and metalfialogen halogen the tal interactions in propagation of monomeric units to dimeric or polymeric architectures. <b>2022</b> , 1252, 132144	1
213	Oxidation vs. coordination chemistry of the {MoV2O4}2+ species: A structural study. <b>2022</b> , 1253, 132246	
212	Non-covalent bonded 1D-3D supramolecular salts from tert-butylamine and organic acids. <b>2022</b> , 1253, 132208	4
211	Novel C H <b>D</b> hydrogen-bonded supramolecular complexes of 18-crown-6 with 1-alkylpyridinium iodide and its amino derivatives: Third-order nonlinear optical properties and Hirshfeld surface analysis. <b>2022</b> , 1253, 132310	О
210	Synthesis, Characterization and DNA Cleavage Activity of the Coordination Polymer {[Cu(phen)(azpy)(NO3)(H2O)]-(NO3)}n. 1	
209	[NbCl(pyrazine)], a Versatile Precursor for Ligand-Supported Hexanuclear Niobium Cluster Compounds: Synthesis, Characterization, Follow-Up Reactions, and Intermolecular Interactions <b>2022</b> ,	1

208	Template-Free Synthesis of an Interlocked Covalent Organic Molecular Cage 2022,	O
207	Symmetrical -N hydrogen bonds: stabilization mechanism of four non-metallic cyclo-pentazolate energetic salts <b>2022</b> ,	1
206	Constructing Supramolecular Frameworks Based Imidazolate-Edge-Bridged Metallacalix[3]arenes via Hierarchical Self-Assemblies. <b>2022</b> , 12, 212	О
205	Two-Step Spin Crossover in Hofmann-Type Coordination Polymers [Fe(2-phenylpyrazine){M(CN)}] (M = Ag, Au) <b>2022</b> ,	1
204	Synthesis, Spectroscopy and Crystal Structure Analysis of N1,N3-dicyclohexyl-N1-(all-trans-retinoyl)urea.	
203	Commonly used surfactants sodium dodecyl sulphate, cetylpyridinium chloride and sodium laureth sulphate and their effects on antioxidant defence system and oxidative stress indices in Cyprinus carpio L.: an integrated in silico and in vivo approach 2022, 1	2
202	Diarylazooxime complex of cobalt(III): synthesis, structure, ligand redox, DFT calculations and spectral characteristics. <b>2022</b> , 47, 31-38	1
201	Experimental and computational evidence for stabilising parallel, offset [C(?O)N(H)N?C]?(phenyl) interactions in acetohydrazide derivatives. <b>2022</b> , 24, 962-974	
200	Water stable fluorescent organotin(iv) compounds: aggregation induced emission enhancement and recognition of lead ions in an aqueous system. <b>2021</b> , 46, 148-161	O
199	(C7H11N2)2MBr4 (M=Cu, Zn): X-Ray Sensitive 0D Hybrid Metal Halides with Tunable Broadband Emission. e202100954	1
198	Effect of supporting electrolyte on capacitance and morphology of electrodeposited poly(3,4-propylenedioxythiophene) derivatives bearing reactive functional groups.	О
197	Half-Sandwich Cyclometalated Rh Complexes Bearing Thiolate Ligands: Biomolecular Interactions and and Evaluations <b>2022</b> ,	4
196	Hydrogen Bonding and Polymorphism of Amino Alcohol Salts with Quinaldinate: Structural Study <b>2022</b> , 27,	1
195	Mechanism of liquid-phase metal infiltration into pyridine-containing polymeric thin films. <b>2022</b> , 313, 131682	O
194	Functional mimic for amine and catechol oxidases: Structural, spectral, electrochemical and catalytic properties of mononuclear copper(II) complex. <b>2022</b> , 534, 120819	O
193	Construction of hydrophilic hypercrosslinked polymer based on natural kaempferol for highly effective extraction of 5-nitroimidazoles in environmental water, honey and fish samples <b>2022</b> , 429, 128288	8
192	Synthesis and luminescent properties of heteroleptic lanthanide complexes with oxybenzo[h]quinoline. <b>2022</b> ,	O
191	Coinage Metal Complexes of Bis(quinoline-2-ylmethyl)phenylphosphine-Simple Reactions Can Lead to Unprecedented Results <b>2022</b> , e202100224	1

190	Structural and Energetic Aspects of Entacapone-Theophylline-Water Cocrystal. 2022, 3, 66-92	О
189	Pronounced Magnetic Bistability in Highly Cooperative Mononuclear [Fe(L)(NCX)] Complexes <b>2022</b>	3
188	Aggregation-induced emission in thiophene derivatives. 1	1
187	High-capacity NCNT-encapsulated metal NP catalysts on carbonised loofah with dual-reaction centres over CM bond bridges for Fenton-like degradation of antibiotics. <b>2022</b> , 121205	1
186	Mono- and Binuclear Copper(Ii) Complexes with Different Structural Motifs and Geometries: Synthesis, Spectral Characterization, Dft Calculations and Superoxide Dismutase Enzymatic Activity.	
185	Replacement of chlorine atoms in 3,6-di-tert-butyl-4,5-dichloro-o-benzoquinone in reactions with alkali metal gem-dithiolates. New o-quinones and their properties. <b>2022</b> , 71, 114-125	Ο
184	The crystalline state of rubrene materials: intermolecular recognition, isomorphism, polymorphism, and periodic bond-chain analysis of morphologies.	0
183	Structure, magnetic properties and spin density of two alternative Mn(II) coordination polymers based on 1,4-bis(2'-carboxyphenoxy)benzene <b>2022</b> ,	O
182	Structural diversity and magnetic properties of copper(ii) quinaldinate compounds with amino alcohols.	1
181	Structural Investigations, Hirschfield Surface, Vibrational and Nmr Spectroscopies Analysis of a New Hybrid Complexes: (C6h10n2).Cl2 (I) and [C6h10n2]2zncl4 (II).	
180	Alkyl substituent-dependent systematic change in cold crystallization of azo molecules <b>2022</b> , 12, 7229-7236	О
179	Pyridine interaction with ECul: synergy between molecular dynamics and molecular orbital approaches to molecule/surface interactions <b>2022</b> ,	1
178	Cycloaddition of isoselenocyanates to sodium and magnesium metallacycles 2022,	О
177	Insight into Efficient Removal of Phenanthrene by Fe3o4-Benzhydrylamine Nanocomposite: A Combined Experimental and Dft Studies.	
176	Structural topologies involving energetically significant antiparallel Estacking and unconventional N(nitrile)?(Fumarate) contacts in dinuclear Zn(ii) and polymeric Mn(ii) compounds: antiproliferative evaluation and theoretical studies. 2022, 46, 5296-5311	1
175	Solvent-driven structural topologies in phenanthroline-based co-crystals of Zn(ii) involving fascinating infinite chair-like {[(bzH)4Cl2]2]h assemblies and unconventional layered infinite {bz-H2O-Cl}n anion-water clusters: antiproliferative evaluation and theoretical studies. <b>2022</b> , 46, 5638-5652	1
174	Influence of Hydrogen Bonds and Interactions on the Fluorescence of Crystalline (N-Alkylpyridyl)enamino-pyrrolo[2,3-b]quinoxalin-2-one Derivatives. <b>2022</b> , 22, 1571-1582	1
173	Normal-Mode Vibrational Analysis of Weakly Bound Oligomers at Constrained Stationary Points of Arbitrary Order <b>2022</b> ,	

172	Selenous Acid in an Aromatic Framework: Insights Into a Temperature-Sensitive Internal Redox System from the Solid State <b>2022</b> ,	
171	Ligand-to-ligand charge transfer state in lanthanide complexes containing Ebonded antenna ligands. <b>2022</b> , 32, 198-201	O
170	Structurally Nontraditional Benzo[c]cinnoline-Based Electron-Transporting Materials with 3D Molecular Interaction Architecture <b>2022</b> ,	1
169	Design and Synthesis of New Bithiophene Based Planar AIE Red Light Emitters: A Detailed Theoretical and Experimental Analysis**. <b>2022</b> , 7,	O
168	Structurally Nontraditional Benzo[ c ]cinnoline-Based Electron-Transporting Materials with 3D Molecular Interaction Architecture.	
167	A New Class of Task-Specific Imidazolium Salts and Ionic Liquids and Their Corresponding Transition Metal Complexes for Immobilization on Electrochemically Active Surfaces <b>2022</b> ,	Ο
166	Regioselective Synthesis of Naphthothiophenes by Pd Catalyzed Cross-Coupling Reactions and Alkyne-Carbonyl Metathesis <b>2022</b> ,	1
165	Supramolecular Arrangement Built from Zinc and Cadmium Complexes with 4?-(4-Substituted)-2,2?:6?,2?-Terpyridine: Crystallographic Investigation, Luminescence and Thermal Properties. 1	O
164	A Photoresponsive Receptor with a 105 Magnitude of Reversible Anion-Binding Switching 2022,	
163	Mono- and Rare Trinuclear Zn(II) Complexes with Near-Infrared Emissive Ligands: Anion-Responsive Nuclearity Control, Interconversion, Solid-State NIR Emission, and Latent Fingerprint Imaging.	O
162	Synthesis of (S)- and (R)-卧Tyrosine by Redesigned Phenylalanine Aminomutase. <b>2022</b> , 12, 397	
161	Assembly of Estacking Helical Peptides into a Porous and Multivariable Proteomimetic Framework <b>2022</b> ,	2
160	Treatment activity of a mixed-ligand coordination polymer on gastric carcinoma. 2022, 99, 100426	
159	New polymorph for Cd(II) chloro-bridged coordination polymer based on 3-aminopyrazin-2-carboxylic acid: Synthesis, structural characterization, Hirshfeld surface analysis, thermal properties and molecular docking study on the antifungal activity. <b>2022</b> , 1258, 132681	
158	Zn(II) coordination polymer with Estacked 4,4?-bipyridine dimers: Synthesis, structure and luminescent properties. <b>2022</b> , 219, 115793	1
157	Di- and tetra-nuclear oxorhenium(V) complexes of benzoylthiourea derivative ligands: Synthesis, structural characterization, and catalytic applications. <b>2022</b> , 219, 115786	O
156	Efficient removal of fluoroquinolones antibiotics by using kaolin-tannic acid-Fe(III) composite adsorbents from water. <b>2022</b> , 222, 106490	0
155	Pyridin-2-one in complexes, cocrystals and an ionic liquid. Syntheses, structures and thermal stability. <b>2022</b> , 1260, 132790	

154	Synthesis, structure characterization, spectral properties, DFT calculations, hirshfeld surface analysis, thermal stability and bioactivity of a new sulfamethoxazole zinc(II) complex. <b>2022</b> , 1261, 132962	1
153	Ring-Opening of THF via an Intramolecular P/Al-Based Frustrated Lewis Pair: Assistance by C6F5 Groups beyond Electronegativity?. <b>2021</b> , 40, 4143-4149	Ο
152	A Mechanochromic and Vapochromic Luminescent Cuprous Complex Based on a Switchable Intramolecular #1Interaction <b>2021</b> ,	3
151	Highly Selective Synthesis of 6-Glyoxylamidoquinoline Derivatives via Palladium-Catalyzed Aminocarbonylation <b>2021</b> , 27,	Ο
150	Dynamic of oligomers composed of self-propelling Hagents. 2022,	
149	Zero-Dimensional Organic Copper(I) Iodide Hybrid with High Anti-Water Stability for Blue-Light-Excitable Solid-State Lighting. 2102619	10
148	Synthesis, characterization, electrochemical behavior, and catalytic activity of cobalt(II) metal complexes with pincer-type methylbenzamide derivative ligands. <b>2022</b> , 115846	0
147	Synthesis, Structural Characterization, and Water Vapor Sorption Behavior of Two Ligand Ratio-Dependent Supramolecular Networks, [Cd(2,2'-bpym)(BDC)] 0.5(2,2'-bpym) 5HO and [Cd(2,2'-bpym)(BDC)(HO)] <b>2022</b> , 7, 14089-14101	
146	Investigation of solid state architectures in tetrazolyl tryptophol stabilized by crucial aromatic interactions and hydrogen bonding: Experimental and theoretical analysis. <b>2022</b> , 1262, 133079	О
145	A new insight into the transfer and delivery of anti-SARS-CoV-2 drug Carmofur with the assistance of graphene oxide quantum dot as a highly efficient nanovector toward COVID-19 by molecular dynamics simulation <b>2022</b> , 12, 14167-14174	Ο
144	Sawhorse-type ruthenium complexes with triazolopyrimidine ligands - what do they represent in terms of cytotoxic and CORM compounds?.	
143	Synthesis, structure, and luminescence properties of sodium and ytterbium complexes with 2-(benzothiazol-2-yl)selenophenolate ligands. <b>2022</b> , 71, 298-305	
142	Interplay between Aryl Perfluoroaryl and Hydrogen Bonding Interactions in Cocrystals of Pentafluorophenol with Molecules of Trigonal Symmetry. <b>2022</b> , 22, 3493-3504	1
141	Structure, optical and magnetic properties of the pyridinium cobaltate (C6H9N2)2[CoCl4]. <b>2022</b> , 121003	
140	Novel coordination compounds featuring 9-chloro-9-phosphaalkenylchloro-9-germafluorene ligands. <b>2022</b> , 221, 115866	
139	Fatty acid composition, acute toxicity and anti-inflammatory activity of the n-hexane extract from Ranunculus macrophyllus Desf. roots. <b>2022</b> , 148, 315-325	1
138	Insight into efficient removal of phenanthrene by Fe3O4-benzhydrylamine nanocomposite: A combined experimental and DFT studies. <b>2022</b> , 445, 136824	1
137	New luminescent 10-oxybenzoquinolate complexes of rare earth metals. <b>2022</b> ,	О

136	Excited-State Intramolecular Proton Transfer in 2-(2'-Hydroxyphenyl)pyrimidines: Synthesis, Optical Properties, and Theoretical Studies <b>2022</b> ,	1
135	Direct demonstration of triplet excimer in purely organic room temperature phosphorescence through rational molecular design <b>2022</b> , 11, 142	2
134	Conversion of monodentate benzoylthiourea palladium(II) complex to bidentate coordination mode: Synthesis, crystal structure and catalytic activity in the Suzuki-Miyaura cross-coupling reaction. <b>2022</b> , 122374	0
133	Ag(I)-mediated hydrolysis of hydrazone to azine; synthesis, X-ray structure, and biological investigations of two new Ag(I)-azine complexes.	О
132	Mono- and binuclear copper(II) complexes with different structural motifs and geometries: Synthesis, spectral characterization, DFT calculations and superoxide dismutase enzymatic activity. <b>2022</b> , 222, 115913	О
131	Structural diversity of 9,10-phenanthrenequinone molecular complexes with metal halides. <b>2022</b> , 539, 121031	
130	Orthopalladated N,N-Dimethyl-1-Phenethylamine Compounds Containing 2,6-Lutidine: Synthesis, DNA Binding Studies and Cytotoxicity Evaluation.	
129	Ni(ii) complexes of a new tetradentate NN?N??O picolinoyl-1,2-phenylenediamide-phenolate redox-active ligand at different redox levels.	O
128	Multi-Decker Emissive Supramolecular Architectures Based on Shape-Complementary Ligands Pair. 2202167	1
127	Efficient Synthesis of 2-Aminopyridine Derivatives: Antibacterial Activity Assessment and Molecular Docking Studies. <b>2022</b> , 27, 3439	1
126	Through-Space Stabilization of an Imidazolium Cation by Aromatic Rings.	
125	Preparation and evaluation of bismuth oxide nanoparticles by thermal degradation of metal organic framework. <b>2021</b> , 31, 259-265	
124	Pyridine Dicarbanion-bonded Ag13 Organometallic Nanoclusters: Synthesis and On-surface Oxidative Coupling Reaction.	0
123	Azo-oximate metal-carbonyl to metallocarboxylic acid via the intermediate Ir(iii) radical congener: quest for co-ligand driven stability of open- and closed-shell complexes.	1
122	Insight on noncovalent interactions and orbital constructs in low-dimensional antimony halide perovskites.	
121	Synthesis, characterization, thermal behavior, and antitumor activities of an Ag(I) complex based on 4-(2-hydroxyphenyl)-2-methylpyrimidine. <b>2022</b> , 46, 174751982211035	
120	Fentanyl Assay Derived from Intermolecular Interaction-Enabled Small Molecule Recognition (iMSR) with Differential Impedance Analysis for Point-of-Care Testing.	О
119	Cluster Compounds with Oxidised, Hexanuclear [Nb 6 Cl i 12 I a 6] n [Anions (n = 2 or 3). <b>2022</b> , 11,	O

118	Molecular Structural Insight into the Cold Crystallization Process of Ionic Liquid Crystals.	
117	Role of Clmtl halogen bonds in tuning the crystals of Uranyl-Dicholorothiophene carboxylate based hybrid cluster materials through N-donor counter ions. 2022, 133524	
116	Umpolung in a Pair of Cobalt(III) Terminal Imido/Imidyl Complexes.	1
115	A digold(I) <b>T</b> etraalkynyl macrocycle with host-guest properties. <b>2022</b> , 223, 115954	
114	Structural and theoretical exploring of noncovalent interactions in Chlorido- and Nitrito-rhenium(I) tricarbonyl complexes bearing 2,3-Butadiene-bis(2-nitrobenzylidene)hydrazine Ligand: Intramolecular Re <b>I</b> I-endo-ONO(lone pair)图(C O) interaction. <b>2022</b> , 540, 121049	
113	Cleaner and stronger: how 8-quinolinolate facilitates formation of Co(iii)Ehiolate from Co(ii)Bisulfide complexes.	Ο
112	Novel ditopic 2-mercaptothiazoles and their sodium salts: synthesis, structural diversity and luminescence.	
111	Metal-Organic Hybrids Base on [Vo2(L)]- Tecton with Cations of Imidazole and its Derivative: Synthesis, Single-Crystal Structures and Antidiabetic Propertiesmetal-Organic Hybrids Base on [Vo2(L)]- Tecton with Cations of Imidazole and its Derivative: Synthesis, Single-Crystal Structures	
110	Umpolung in a Pair of Cobalt(III) Terminal Imido/Imidyl Complexes.	
109	The Pink Box: Exclusive Homochiral Aromatic Stacking in a Bis-perylene Diimide Macrocycle. <b>2022</b> , 144, 12290-12298	3
108	Synthesis, spectral, structural characterization and Hirshfeld surface analysis of bis(4-hydroxypyridinium) hexacholorostannate(IV) hybrid. 1-15	
107	Synthesis, structural characterization, and Hirshfeld surface analysis of novel NLO active 1-methyl-1,3,5,7-tetraazaadamantan-1-ium 3-carboxy-5-nitrobenzoate hydrate. <b>2022</b> , 133740	O
106	Ordered Mixed-Spacer 2D Bromide Perovskites and the Dual Role of 1,2,4-Triazolium Cation.	О
105	Verification for Temperature Dependence of Tacticity in Polystyrene Radical Polymerization with the Combination of Reaction Pathway Analysis and Red Moon Methodology. <b>2022</b> , 126, 5343-5350	
104	An encapsulated neutral ruthenium catalyst for substrateselective oxidation of alcohols.	1
103	Synthesis, structure, and anticancer studies of Cu (II) and Ni (II) complexes based on (5-chlorosalicylaldehyde)-4-aminoantipyrine Schiff base.	
102	The tetrel bonding role in supramolecular aggregation of lead(II) acetate and a thiosemicarbazide derivative. <b>2022</b> , 78, 685-694	О
101	Synthesis of Microporous Aluminosilicate by Direct Thermal Activation of Phenyl-Substituted Single-Source Aluminosilicate Molecular Precursors.	

100	Effect of methylene versus ethylene linkers on structural properties of tert-butyl and mesityl bis(imidazolium) bromide salts. <b>2022</b> , 78,	
99	A bibliographic survey of the supramolecular architectures sustained by delocalised CIP(arene) interactions in metal-organic crystals. 2022,	
98	Investigation of [3H]diazepam derivatives as allosteric modulators of GABAA receptor 日1段2 subtypes: combination of molecular docking/dynamic simulations, pharmacokinetics/drug-likeness prediction, and QSAR analysis.	
97	Synthesis of a Chiral 3,6T22-Zn-MOF with a T-Shaped Bifunctional Pyrazole-Isophthalate Ligand Following the Principles of the Supramolecular Building Layer Approach. <b>2022</b> , 27, 5374	1
96	Solar-Driven Generation of Hydrogen Peroxide on Phenol <b>R</b> esorcinol <b>E</b> ormaldehyde Resin Photocatalysts.	1
95	Design, Regioselective Synthesis, and Photophysical Properties of Perfluoronaphthalene-Based DonorAcceptorDonor Fluorescent Dyes.	
94	Pd(II) Complexes with Pyridine Ligands: Substituent Effects on the NMR Data, Crystal Structures, and Catalytic Activity.	0
93	New bioactive Co (II) coordination polymers with morphline and carboxylate ligands; Synthesis, structures, spectroscopic and thermal properties. <b>2022</b> , 29,	
92	Development of icariside II loaded polymeric micelles and evaluation of anticancer activity in vitro and in vivo. <b>2022</b> , 75, 103652	1
91	A bismuth(III) complex [(1,10-phen)Bi(C2O4)1.5]: Synthesis, crystal structure and optical properties. <b>2022</b> , 542, 121115	1
90	A comparative DFT study on the IIstacking interaction of some N-based organic fused heterocycles with eclipsed and staggered conformations. <b>2022</b> , 99, 100698	0
89	Diverse structures and multi-step dielectric relaxation of three lead bromide hybrid crystals based on 1-aminopyridinium and its cyano-substituted Schiff bases. <b>2022</b> , 227, 116121	O
88	Metal-organic hybrids based on [VO2(L)]Itecton with cations of imidazole and its derivative: Synthesis, single-crystal structures and molecular docking studies. <b>2022</b> , 227, 116125	0
87	Structural investigations and reactivity of cobalt(II)disulfide compounds. 2022, 543, 121193	O
86	Influence of counter ions on supramolecular structures of copper(II) complexes derived from 1,8-naphthalimide tecton. <b>2023</b> , 1271, 134086	O
85	Fumarato and phthalato bridged dinuclear metalBrganic Cu(ii) and Mn(ii) compounds involving infinite fumarateWater assemblies and unusual structure-guiding H-bonded synthons: antiproliferative evaluation and theoretical studies. <b>2022</b> , 46, 17817-17833	O
84	Hydroxamate based transition metal Brganic coordination polymers with semiconductive properties. <b>2022</b> , 51, 12709-12716	0
83	Redox-switchable hostguest complexes of metallocenes and [8]cycloparaphenylene. 2022, 14, 14276-14285	O

82	The effects of introducing terminal alkenyl substituents into the 2,2?-bipyridine domain in [Cu(N^N)(P^P)]+ coordination compounds. <b>2022</b> , 51, 13094-13105	O
81	Isomerization of two-dimensional non-fullerene electron acceptor materials for developing high-performance organic solar cells. <b>2022</b> , 10, 11286-11295	O
80	Sterically demanding pyridine-quinoline anchoring ligands as building blocks for copper(i)-based dye-sensitized solar cell (DSSC) complexes.	1
79	The Role of the Bridge in Single-Ion Magnet Behaviour: Reinvestigation of Cobalt(II) Succinate and Fumarate Coordination Polymers with Nicotinamide. <b>2022</b> , 10, 128	O
78	One pot synthesis of two potent Ag(I) complexes with quinoxaline ligand: X- ray structure, Hirshfeld analysis, antimicrobial, and antitumor investigations.	0
77	A strategy of constructing hybrid polymer helices promoted by polyacetylene chains in carbon nanotube. <b>2022</b> , 137,	O
76	Crystal structure of the monoglycidyl ether of isoeugenol. <b>2022</b> , 78, 1052-1055	Ο
75	Electronic structures and optical properties of (Ph4P)MX2 (M = Cu, Ag; X = Cl, Br). <b>2022</b> , 123626	1
74	Benzo-Epyrone-based diorganotin (IV) chelates as fluorescent probes for the detection of picric acid from soil and aqueous samples.	0
73	Remote Editing of Stacked Aromatic Assemblies for Heteroannular CH Functionalization by a Palladium Switch between Aromatic Rings.	1
72	Remote Editing of Stacked Aromatic Assemblies for Heteroannular CH Functionalization by a Palladium Switch between Aromatic Rings.	0
71	Experimental and Theoretical Study on the Interactions between Dopamine Hydrochloride and Vitamin B6 Hydrochloride. <b>2022</b> , 96, 2299-2306	O
70	Syntheses and structural characterization of heterometallic trinuclear {Cu(I), Ag(I)}-Ir(III) hydride complexes bridged by Ir metalloligands. <b>2022</b> , 100550	0
69	Synthesis and Structure of Polymeric Copper(I) Compound with Single-Stranded Dihelicate Units involving Multiring Nitrogen-Heterocyclic Ligand. <b>2022</b> , 34, 2965-2968	O
68	Synthesis of a Series of Pd(II) Complexes of the Type [Pd(1,10-phen)(SRF)2] Solvent. An Interesting Case of Solvatomorphism.	O
67	Mechanism-Guided Computational Design of ETransaminase by Reprograming of High-Energy-Barrier Steps.	0
66	Palladium(II) Complexes with the 4,5-Bis(diphenylphosphino)acenaphthene Ligand and their Reactivity with Ethylene.	О
65	Anion-Coordination-Driven Assembly: From Discrete Supramolecular Self-Assemblies to Functional Soft Materials.	O

64	Chemically derived graphene quantum dots for high-strain sensing. 2022,	O
63	Deciphering the Molecular Mechanism of Inhibition of #Secretase (BACE1) Activity by a 2-Amino-imidazol-4-one Derivative. <b>2022</b> , 7,	1
62	Halogen Halogen Interactions in the Context of Coordination Polymers: A Superior Design Element for Potential Applications. <b>2022</b> , 22, 6366-6378	1
61	Noncovalent Interactions in Halogenated Pyridinium Salts of the Weakly Coordinating Anion [Al(OTeF5)4][]	O
60	Mechanism-Guided Computational Design of 🛭 Transaminase by Reprograming of High-Energy-Barrier Steps.	0
59	Synthesis of a New Ag(I)-Azine Complex via Ag(I)-Mediated Hydrolysis of 2-(((1-(Pyridin-2-yl)ethylidene)hydrazineylidene) Methyl)phenol with AgClO4; X-ray Crystal Structure and Biological Studies. <b>2022</b> , 14, 2226	O
58	Short Aromatic Diammonium Ions Modulate Distortions in 2D Lead Bromide Perovskites for Tunable White-Light Emission.	2
57	Assessment of two-dimensional materials on the biological membrane permeability of Epirubicin anti-cancer drug. <b>2022</b> , 155557	O
56	Structural, Spectral Studies and Antimicrobial Activity of Zinc(II), Cadmium(II) and Nickel(II) Complexes of 2-Acetylbenzothiophene-3-thiosemicarbazone and 2-Acetylbenzothiophene-4-ethyl-3-thiosemicarbazone. <b>2022</b> , 110138	0
55	Synthesis and spectral studies of Ni(II) complexes involving functionalized dithiocarbamates and triphenylphosphine: X-ray crystal structure, thermal stability, Hirshfeld surface analysis, DFT and biological evaluation. <b>2023</b> , 545, 121271	O
54	A Keggin-type polyoxomolybdate-based crystalline material formed by hydrothermal transformation: photo/electro-catalytic properties and mechanism study.	0
53	The discovery of new cocrystals of 5-fluorocytosine using aminellarboxylate supramolecular synthon. <b>2022</b> , 103934	O
52	Trinodal self-penetrating versus ´cds ´3-dimensional networks using bis(3,2′:6′,3"-terpyridine) building blocks: the solvent makes the difference.	0
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49	Orthopalladated N,N-Dimethyl-1-Phenethylamine Compounds Containing 2,6-Lutidine: Synthesis, Dna Binding Studies and Cytotoxicity Evaluation. <b>2022</b> , 116185	O
48	Construction of Acylamide-functionalized MOFs for efficient catalysis on the conversion of CO2. <b>2022</b> , 533, 112786	1
47	The role of the diyne bond on the excited state deactivation of diyne-bridged 7-azaindoles in solution and solid state. <b>2022</b> , 368, 120728	O

46	Experimental and theoretical studies of the effect of molecular conformation on the photophysical properties in the pyrene system. <b>2023</b> , 210, 111036	O
45	Synthesis, Crystal Structure, Vibrational Study, Optical Properties and Hirshfeld Surface Analysis of a New Centrosymmetric Hybrid Material, Bis(3-Aminoquinolium) Tetrachloridocobaltate (II). <b>2023</b> , 16, 108-120	Ο
44	Enzyme-substrate interactions in orotate-mimetic OPRT inhibitor complexes: A QM/MM analysis.	O
43	Cu(II)-Based Molecular Hexagons Forming Honeycomb-like Networks Exhibit High Electrical Conductivity. <b>2022</b> , 61, 19828-19837	O
42	Steric and Electronic Effects in N-Heterocyclic Carbene Gold(III) Complexes: An Experimental and Computational Study. <b>2022</b> , 27, 8289	0
41	One pot synthesis of two potent Ag(I) complexes with quinoxaline ligand, X-ray structure, Hirshfeld analysis, antimicrobial, and antitumor investigations. <b>2022</b> , 12,	O
40	Expanded Ligands Based upon Iron(II) Coordination Compounds of Asymmetrical Bis(terpyridine) Domains. <b>2023</b> , 28, 82	0
39	Hydroboration of a Diolate Complex Obtained by Carbon Dioxide Capture with Acenaphthenediimine Aluminum Hydride.	0
38	New Pd(II)PPh3 Complex Bearing Meta-Cyanobenzyl-Substituted NHC: Crystal Structure and Computational Studies. 2188-2198	0
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32	Synthesis, Crystal Packing Aspects and Pseudosymmetry in Coordination Compounds with a Phosphorylamide Ligand. <b>2023</b> , 15, 157	0
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24	Effect of Changing Anion on the Crystalline Structure, Crystal Structure, Hirschfield Surface, IR and NMR Spectroscopy of Organic Salts and Hybrid Compounds: C <sub>6</sub> 4(NH <sub>4&gt;4&gt;4&gt;6&gt;(NH&gt;sub&gt;6&gt;6&gt;6&gt;6&gt;6&gt;6&gt;sub&gt;6&amp;g</sub>	o >3&a
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