

Antonio RodrÃ-guez DiÃ©guez

List of Publications by Year in descending order

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218
papers

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#	ARTICLE	IF	CITATIONS
1	A novel Zn-based-MOF for efficient CO ₂ adsorption and conversion under mild conditions. <i>Catalysis Today</i> , 2022, 390-391, 230-236.	4.4	10
2	A glioclazide complex based on palladium towards Alzheimer's disease: promising protective activity against A β -induced toxicity in <i>C. elegans</i> . <i>Chemical Communications</i> , 2022, 58, 1514-1517.	4.1	6
3	Catalytic Performance and Electrophoretic Behavior of an Yttrium-Organic Framework Based on a Tricarboxylic Asymmetric Alkyne. <i>Inorganic Chemistry</i> , 2022, 61, 1377-1384.	4.0	6
4	Tris(2-Pyridylmethylamine)V(O) ₂ Complexes as Counter Ions of Diprotonated Decavanadate Anion: Potential Antineoplastic Activity. <i>Frontiers in Chemistry</i> , 2022, 10, 830511.	3.6	2
5	Selectivity of Relative Humidity Using a CP Based on S-Block Metal Ions. <i>Sensors</i> , 2022, 22, 1664.	3.8	0
6	A Mixed Heterobimetallic Y/Eu-MOF for the Cyanosilylation and Hydroboration of Carbonyls. <i>Catalysts</i> , 2022, 12, 299.	3.5	3
7	Metal-Organic Frameworks in Agriculture. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16983-17007.	8.0	53
8	A metal-organic framework based on Co(II) and 3-aminoisonicotinate showing specific and reversible colourimetric response to solvent exchange with variable magnet behaviour. <i>Materials Today Chemistry</i> , 2022, 24, 100794.	3.5	6
9	Sensing Capacity in Dysprosium Metal-Organic Frameworks Based on 5-Aminoisophthalic Acid Ligand. <i>Sensors</i> , 2022, 22, 3392.	3.8	0
10	Synthesis and In Vitro Studies of Photoactivatable Semisquaraine-type Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7729-7745.	4.0	1
11	Combined experimental and theoretical investigation on the magnetic properties derived from the coordination of 6-methyl-2-oxonicotinate to 3d-metal ions. <i>Dalton Transactions</i> , 2022, 51, 9780-9792.	3.3	5
12	Through-space hopping transport in an iodine-doped perylene-based metal-organic framework. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 1065-1072.	3.4	2
13	Anti-cancer and anti-inflammatory activities of a new family of coordination compounds based on divalent transition metal ions and indazole-3-carboxylic acid. <i>Journal of Inorganic Biochemistry</i> , 2021, 215, 111308.	3.5	10
14	Magneto-structural correlations of cyclo-tetranavanadates functionalized with mixed-ligand copper(<i>ii</i>) complexes. <i>New Journal of Chemistry</i> , 2021, 45, 5081-5092.	2.8	10
15	An enantiomeric pair of alkaline-earth metal based coordination polymers showing room temperature phosphorescence and circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5544-5553.	5.5	10
16	Experimental and DFT studies on Hexacoordinated acyl(alkyl)and Pentacoordinated Hydroxyalkyl(phosphinite)erhodium(III). <i>Catalytic Hydrolysis of Ammonia Borane</i> . <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 879-891.	2.0	4
17	Synthesis, Structural Features and Physical Properties of a Family of Triply Bridged Dinuclear 3d-4f Complexes. <i>Magnetochemistry</i> , 2021, 7, 22.	2.4	4
18	Photoluminescent Coordination Polymers Based on Group 12 Metals and 1H-Indazole-6-Carboxylic Acid. <i>Inorganics</i> , 2021, 9, 20.	2.7	5

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19	Exploring the Slow Magnetic Relaxation of a Family of Photoluminescent 3D Lanthanide-Organic Frameworks Based on Dicarboxylate Ligands. <i>Magnetochemistry</i> , 2021, 7, 41.	2.4	0
20	Diclofenac N-Derivatives as Therapeutic Agents with Anti-Inflammatory and Anti-Cancer Effect. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5067.	4.1	22
21	Selective cytotoxicity of cyclometalated gold(III) complexes on Caco-2 cells is mediated by G2/M cell cycle arrest. <i>Metallomics</i> , 2021, 13, .	2.4	6
22	Mono- and Dinuclear Asymmetric Aluminum Guanidinates for the Catalytic CO ₂ Fixation into Cyclic Carbonates. <i>Organometallics</i> , 2021, 40, 2859-2869.	2.3	12
23	2-Aminopyrimidinium Decavanadate: Experimental and Theoretical Characterization, Molecular Docking, and Potential Antineoplastic Activity. <i>Inorganics</i> , 2021, 9, 67.	2.7	11
24	Tuning the Cytotoxicity of Bis-Phosphino-Amines Ruthenium(II) Para-Cymene Complexes for Clinical Development in Breast Cancer. <i>Pharmaceutics</i> , 2021, 13, 1559.	4.5	3
25	A novel yttrium-based metal-organic framework for the efficient solvent-free catalytic synthesis of cyanohydrin silyl ethers. <i>Dalton Transactions</i> , 2021, 50, 11720-11724.	3.3	11
26	Biosensing Using MOFs. , 2021, , 457-499.		0
27	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. <i>Magnetochemistry</i> , 2021, 7, 8.	2.4	8
28	Towards correlating dimensionality and topology in luminescent MOFs based on terephthalato and bispyridyl-like ligands. <i>Dalton Transactions</i> , 2021, 50, 9269-9282.	3.3	5
29	In vitro study of the protective effect of manganese against vanadium-mediated nuclear and mitochondrial DNA damage. <i>Food and Chemical Toxicology</i> , 2020, 135, 110900.	3.6	14
30	Copper-functionalized nanostructured silica-based systems: Study of the antimicrobial applications and ROS generation against gram positive and gram negative bacteria. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110912.	3.5	15
31	Lanthanide(III) Based Complexes Containing 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine as Long-Lived Photoluminescent Antiparasitic Agents. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 308-317.	2.0	2
32	In vitro leishmanicidal activity of copper (II) 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine complex and analogous transition metal series. <i>Polyhedron</i> , 2020, 176, 114272.	2.2	15
33	New selective thiolate gold(I) complexes inhibit the proliferation of different human cancer cells and induce apoptosis in primary cultures of mouse colon tumors. <i>Dalton Transactions</i> , 2020, 49, 1915-1927.	3.3	17
34	Anti-diabetic and anti-parasitic properties of a family of luminescent zinc coordination compounds based on the 7-amino-5-methyl-1,2,4-triazolo[1,5-a]pyrimidine ligand. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111235.	3.5	6
35	Two Isostructural URJC-4 Materials: From Hydrogen Physisorption to Heterogeneous Reductive Amination through Hydrogen Molecule Activation at Low Pressure. <i>Inorganic Chemistry</i> , 2020, 59, 15733-15740.	4.0	2
36	Reactivity of N-Phosphinoguanidines of the Formula (HNR)(Ph ₂ PNR)C(NAr) toward Main Group Metal Alkyls: Facile Ligand Rearrangement from N-Phosphinoguanidinates to Phosphinimine-Amidinates. <i>Inorganic Chemistry</i> , 2020, 59, 15262-15275.	4.0	2

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37	Modulating Magnetic and Photoluminescence Properties in 2-aminonicotinate-Based Bifunctional Coordination Polymers by Merging 3d Metal Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 13484-13498.	3.3	8
38	Rational design of an unusual 2D-MOF based on Cu and 4-hydroxypyrimidine-5-carbonitrile as linker with conductive capabilities: a theoretical approach based on high-pressure XRD. <i>Chemical Communications</i> , 2020, 56, 9473-9476.	4.1	6
39	Strontium-Based MOFs Showing Dual Emission: Luminescence Thermometers and Toluene Sensors. <i>Inorganic Chemistry</i> , 2020, 59, 18432-18443.	4.0	27
40	2D-Coordination polymers based on 1H-indazole-4-carboxylic acid and transition metal ions: magnetic, luminescence and biological properties. <i>CrystEngComm</i> , 2020, 22, 5086-5095.	2.6	8
41	Magnetic and Luminescent Properties of Isostructural 2D Coordination Polymers Based on 2-Pyrimidinecarboxylate and Lanthanide Ions. <i>Crystals</i> , 2020, 10, 571.	2.2	5
42	Synthesis, Structural Features, and Hydrogen Adsorption Properties of Three New Flexible Sulfur-Containing Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2020, 20, 6707-6714.	3.0	6
43	Optimization of Cost-Effective and Reproducible Flexible Humidity Sensors Based on Metal-Organic Frameworks. <i>Sensors</i> , 2020, 20, 6981.	3.8	3
44	Influence of thermally induced structural transformations on the magnetic and luminescence properties of tartrate-based chiral lanthanide organic-frameworks. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8243-8256.	5.5	21
45	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3146.	4.1	8
46	Interpenetrated Luminescent Metal-Organic Frameworks based on 1H-Indazole-5-carboxylic Acid. <i>Crystal Growth and Design</i> , 2020, 20, 4550-4560.	3.0	9
47	Role of Folic Acid in the Therapeutic Action of Nanostructured Porous Silica Functionalized with Organotin(IV) Compounds against Different Cancer Cell Lines. <i>Pharmaceutics</i> , 2020, 12, 512.	4.5	14
48	Magnetic and Photoluminescent Sensors Based on Metal-Organic Frameworks Built up from 2-aminoisonicotinate. <i>Scientific Reports</i> , 2020, 10, 8843.	3.3	14
49	Cyclometallated gold(III) complexes against colon cancer. X-ray structure of [Au(C,NPhenylpyridine)(OAc) ₂]. <i>Journal of Organometallic Chemistry</i> , 2020, 920, 121340.	1.8	8
50	Photoluminescence and in vitro cytotoxicity analysis in a novel mononuclear Zn(II) coordination compound based on bumetanide. <i>Inorganica Chimica Acta</i> , 2020, 509, 119708.	2.4	0
51	5-Aminopyridine-2-carboxylic acid as appropriate ligand for constructing coordination polymers with luminescence, slow magnetic relaxation and anti-cancer properties. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111051.	3.5	4
52	Dilution effect on the slow relaxation of a luminescent dysprosium Metal-Organic Framework based on 2,5-dihydroxyterephthalic acid. <i>Inorganica Chimica Acta</i> , 2020, 509, 119687.	2.4	6
53	In vitro evaluation of leishmanicidal properties of a new family of monodimensional coordination polymers based on diclofenac ligand. <i>Polyhedron</i> , 2020, 184, 114570.	2.2	7
54	Antiparasitic, anti-inflammatory and cytotoxic activities of 2D coordination polymers based on 1H-indazole-5-carboxylic acid. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111098.	3.5	11

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55	Design of cost-efficient and photocatalytically active Zn-based MOFs decorated with Cu ₂ O nanoparticles for CO ₂ methanation. <i>Chemical Communications</i> , 2019, 55, 10932-10935.	4.1	34
56	A double basic Sr-amino containing MOF as a highly stable heterogeneous catalyst. <i>Dalton Transactions</i> , 2019, 48, 11556-11564.	3.3	16
57	Correction to "Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks" <i>Crystal Growth and Design</i> , 2019, 19, 6823-6823.	3.0	0
58	Anticancer Activity of Alkynylgold(I) with P(NMe ₂) ₃ Phosphane in Mouse Colon Tumors and Human Colon Carcinoma Caco-2 Cell Line. <i>Inorganic Chemistry</i> , 2019, 58, 15536-15551.	4.0	13
59	High antiparasitic activity of silver complexes of 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine. <i>Journal of Inorganic Biochemistry</i> , 2019, 201, 110810.	3.5	16
60	Acyl(furfurylamine)iridium(III) complexes from irida ² -diketones. Characterisation and catalytic activity in amine-borane hydrolysis. <i>Inorganica Chimica Acta</i> , 2019, 498, 119165.	2.4	4
61	Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescence properties of a series of carboxylate-diphenoxido triply bridged dinuclear ZnLn and tetranuclear Zn ₂ Ln ₂ complexes (Ln = Dy, Er). <i>Dalton Transactions</i> , 2019, 48, 190-201.	3.3	13
62	Multifunctional behavior of molecules comprising stacked cytosine-Ag ^I -cytosine base pairs; towards conducting and photoluminescence silver-DNA nanowires. <i>Chemical Science</i> , 2019, 10, 1126-1137.	7.4	33
63	Multifunctional coordination compounds based on lanthanide ions and 5-bromonicotinic acid: magnetic, luminescence and anti-cancer properties. <i>CrystEngComm</i> , 2019, 21, 3881-3890.	2.6	7
64	Alkaline-earth and aminonicotinate based coordination polymers with combined fluorescence/long-lasting phosphorescence and metal ion sensing response. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6997-7012.	5.5	21
65	Synthesis of helical aluminium catalysts for cyclic carbonate formation. <i>Dalton Transactions</i> , 2019, 48, 4218-4227.	3.3	33
66	Unusual ligand rearrangement: from <i>N</i> -phosphinoguanidinato to phosphinimine-amidinato compounds. <i>Chemical Communications</i> , 2019, 55, 2809-2812.	4.1	4
67	Synthesis of Bio-Derived Cyclic Carbonates from Renewable Resources. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20126-20138.	6.7	48
68	A phosphine-stabilized silylene rhodium complex. <i>Dalton Transactions</i> , 2019, 48, 17179-17183.	3.3	7
69	Study of the Coordination Modes of Hybrid NNCP Cyclopentadienyl/Scorpionate Ligands in Ir Compounds. <i>Inorganic Chemistry</i> , 2019, 58, 900-908.	4.0	4
70	Preparation and Study of the Antibacterial Applications and Oxidative Stress Induction of Copper Maleamate-Functionalized Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2019, 11, 30.	4.5	39
71	Novel and Versatile Cobalt Azobenzene-Based Metal-Organic Framework as Hydrogen Adsorbent. <i>ChemPhysChem</i> , 2019, 20, 1334-1339.	2.1	8
72	(Diphenylphosphino)alkylaldehyde affords hydride- or alkyl-[(diphenylphosphino)alkylacyl]rhodium(III) or (diphenylphosphino)alkylester complexes: theoretical and experimental diastereoselectivity. <i>Dalton Transactions</i> , 2019, 48, 3300-3313.	3.3	4

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73	A new anthraquinoid ligand for the iron-catalyzed hydrosilylation of carbonyl compounds at room temperature: new insights and kinetics. <i>Dalton Transactions</i> , 2018, 47, 7272-7281.	3.3	13
74	Secondary Oxide Phosphines to Promote Tandem Acyl-Alkyl Coupling/Hydrogen Transfer to Afford (Hydroxyalkyl)rhodium Complexes. Theoretical and Experimental Studies. <i>Inorganic Chemistry</i> , 2018, 57, 5307-5319.	4.0	6
75	Carbodiimides as catalysts for the reduction of CO ₂ with boranes. <i>Chemical Communications</i> , 2018, 54, 4700-4703.	4.1	31
76	From Remote Alkenes to Linear Silanes or Allylsilanes depending on the Metal Center. <i>ChemCatChem</i> , 2018, 10, 2210-2213.	3.7	14
77	Alkene-alkyl interconversion: an experimental and computational study of the olefin insertion and β -hydride elimination processes. <i>Dalton Transactions</i> , 2018, 47, 6808-6818.	3.3	7
78	Coordination Polymers with Intriguing Photoluminescence Behavior: The Promising Avenue for Greatest Long-Lasting Phosphors. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2155-2174.	2.0	41
79	Exploring potentialities and limitations of stapled oligo(phenyleneethynylene)s (OPEs) as efficient circularly polarized luminescence emitters. <i>Chirality</i> , 2018, 30, 43-54.	2.6	6
80	Polyacrylic acid polymer brushes as substrates for the incorporation of anthraquinone derivatives. Unprecedented application of decorated polymer brushes on organocatalysis. <i>Applied Surface Science</i> , 2018, 428, 566-578.	6.1	10
81	In vitro leishmanicidal and trypanocidal evaluation and magnetic properties of 7-amino-1,2,4-triazolo[1,5-a]pyrimidine Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 26-32.	3.5	27
82	Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic. <i>Mikrochimica Acta</i> , 2018, 185, 47.	5.0	77
83	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole. <i>Crystal Growth and Design</i> , 2018, 18, 969-978.	3.0	32
84	Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrakisulfonate based MOF. <i>New Journal of Chemistry</i> , 2018, 42, 832-837.	2.8	7
85	Squaramide-Based Pt(II) Complexes as Potential Oxygen-Regulated Light-Triggered Photocages. <i>Inorganic Chemistry</i> , 2018, 57, 15517-15525.	4.0	7
86	A Potassium Metal-Organic Framework based on Perylene-3,4,9,10-tetracarboxylate as Sensing Layer for Humidity Actuators. <i>Scientific Reports</i> , 2018, 8, 14414.	3.3	27
87	Zinc/itaconate coordination polymers as first examples with long-lasting phosphorescence based on acyclic ligands. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10870-10880.	5.5	10
88	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. <i>Dalton Transactions</i> , 2018, 47, 12783-12794.	3.3	19
89	Versatile organoaluminium catalysts based on heteroscorpionate ligands for the preparation of polyesters. <i>Dalton Transactions</i> , 2018, 47, 7471-7479.	3.3	21
90	Selective Three-Component Coupling for CO ₂ Chemical Fixation to Boron Guanidinato Compounds. <i>Inorganic Chemistry</i> , 2018, 57, 8404-8413.	4.0	6

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91	Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. <i>CrystEngComm</i> , 2018, 20, 4793-4803.	2.6	29
92	Anticancer Applications of Nanostructured Silica-Based Materials Functionalized with Titanocene Derivatives: Induction of Cell Death Mechanism through TNFR1 Modulation. <i>Materials</i> , 2018, 11, 224.	2.9	26
93	Hydrosilylation of Carbonyl Compounds Catalyzed through a Lithiated Hydrazone Derivative. <i>Organometallics</i> , 2018, 37, 2682-2689.	2.3	13
94	Applications of Nanomaterials Based on Magnetite and Mesoporous Silica on the Selective Detection of Zinc Ion in Live Cell Imaging. <i>Nanomaterials</i> , 2018, 8, 434.	4.1	20
95	Modulation of pore shape and adsorption selectivity by ligand functionalization in a series of Co^{II} -like flexible metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17409-17416.	10.3	13
96	Chiral coordination polymers based on d^{10} metals and 2-aminonicotinate with blue fluorescent/green phosphorescent anisotropic emissions. <i>Dalton Transactions</i> , 2018, 47, 8746-8754.	3.3	12
97	Ruthenium(II)-arene complexes with dibenzoylmethane induce apoptotic cell death in multiple myeloma cell lines. <i>Inorganica Chimica Acta</i> , 2017, 454, 139-148.	2.4	27
98	The effect of the disposition of coordinated oxygen atoms on the magnitude of the energy barrier for magnetization reversal in a family of linear trinuclear $\text{Zn}^{\text{II}}\text{Dy}^{\text{III}}\text{Zn}^{\text{II}}$ complexes with a square-antiprism DyO_8 coordination sphere. <i>Dalton Transactions</i> , 2017, 46, 4278-4286.	3.3	13
99	Experimental and Theoretical Study of a Cadmium Coordination Polymer Based on Aminonicotinate with Second-Timescale Blue/Green Photoluminescent Emission. <i>Inorganic Chemistry</i> , 2017, 56, 3149-3152.	4.0	24
100	Photoluminescence and magnetic analysis of a family of lanthanide(III) complexes based on diclofenac. <i>New Journal of Chemistry</i> , 2017, 41, 5467-5475.	2.8	19
101	Design, synthesis and characterization of doped-titanium oxide nanomaterials with environmental and angiogenic applications. <i>Science of the Total Environment</i> , 2017, 599-600, 1263-1274.	8.0	37
102	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2017, 17, 3893-3906.	3.0	42
103	From isolated to 2D coordination polymers based on 6-aminonicotinate and 3d-metal ions: towards field-induced single-ion-magnets. <i>CrystEngComm</i> , 2017, 19, 2229-2242.	2.6	28
104	Rational design of triple-bridged dinuclear $\text{Zn}^{\text{II}}\text{Ln}^{\text{III}}$ -based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017, 19, 256-264.	2.6	26
105	Simple ZnEt_2 as a catalyst in carbodiimide hydroalkynylation: structural and mechanistic studies. <i>Dalton Transactions</i> , 2017, 46, 12923-12934.	3.3	6
106	Dinuclear Coordination Compounds Based on a 5-Nitropicolinic Carboxylate Ligand with Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2017, 56, 8768-8775.	4.0	16
107	Insertion reactions of small unsaturated molecules in the $\text{N}=\text{B}$ bonds of boron guanidines. <i>Dalton Transactions</i> , 2017, 46, 10281-10299.	3.3	11
108	Antiparasitic activity against trypanosomatid diseases and novel metal complexes derived from the first time characterized 5-phenyl-1,2,4-triazolo[1,5-a]pyrimidi-7(4H)-one. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 217-224.	3.5	16

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109	Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. <i>Inorganic Chemistry</i> , 2017, 56, 13897-13912.	4.0	20
110	One-Component Aluminum(heteroscorpionate) Catalysts for the Formation of Cyclic Carbonates from Epoxides and Carbon Dioxide. <i>ChemSusChem</i> , 2017, 10, 1175-1185.	6.8	68
111	Suzuki-Miyaura C-C Coupling Reactions Catalyzed by Supported Pd Nanoparticles for the Preparation of Fluorinated Biphenyl Derivatives. <i>Catalysts</i> , 2017, 7, 76.	3.5	18
112	Covalent immobilization of dysprosium-based metal-organic chains on silicon-based polymer brush surfaces. <i>New Journal of Chemistry</i> , 2017, 41, 7007-7011.	2.8	1
113	Luminescence and Magnetic Properties of Two Three-Dimensional Terbium and Dysprosium MOFs Based on Azobenzene-4,4'-Dicarboxylic Linker. <i>Polymers</i> , 2016, 8, 39.	4.5	9
114	Efficient Hydrosilylation of Acetophenone with a New Anthraquinonic Amide-Based Iron Precatalyst. <i>Organometallics</i> , 2016, 35, 4083-4089.	2.3	20
115	Novel anti-diabetic and luminescent coordination compounds based on vanadium. <i>New Journal of Chemistry</i> , 2016, 40, 5387-5393.	2.8	20
116	A family of acetato-diphenoxo triply bridged dimetallic Zn ^{II} Ln ^{III} complexes: SMM behavior and luminescent properties. <i>Dalton Transactions</i> , 2016, 45, 9712-9726.	3.3	51
117	Tuning the luminescence performance of metal-organic frameworks based on d ¹⁰ metal ions: from an inherent versatile behaviour to their response to external stimuli. <i>CrystEngComm</i> , 2016, 18, 8556-8573.	2.6	76
118	Irida- η^2 -ketoimines Derived from Hydrazines To Afford Metallapyrazoles or N=N Bond Cleavage: A Missing Metallacycle Disclosed by a Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2016, 55, 10284-10293.	4.0	1
119	Designing Multifunctional 5-Cyanoisophthalate-Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. <i>Inorganic Chemistry</i> , 2016, 55, 11230-11248.	4.0	46
120	Multifunctional applications of a dysprosium-based metal-organic chain with single-ion magnet behaviour. <i>CrystEngComm</i> , 2016, 18, 8718-8721.	2.6	23
121	Dialkylboron guanidates: syntheses, structures and carbodiimide de-insertion reactions. <i>Dalton Transactions</i> , 2016, 45, 15350-15363.	3.3	9
122	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(η^3 -violurate) derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016, 45, 16166-16172.	3.3	18
123	A pentacoordinated norbornenyl-acyl-rhodium(η^3) complex as a likely intermediate in the catalytic hydroacylation of norbornadiene. <i>Dalton Transactions</i> , 2016, 45, 18502-18509.	3.3	7
124	The role of unconventional stacking interactions in the supramolecular assemblies of Hg(η^2) coordination compounds. <i>CrystEngComm</i> , 2016, 18, 9056-9066.	2.6	40
125	Ring-opening copolymerisation of cyclohexene oxide and carbon dioxide catalysed by scorpionate zinc complexes. <i>Polymer Chemistry</i> , 2016, 7, 6475-6484.	3.9	26
126	A Zn based coordination polymer exhibiting long-lasting phosphorescence. <i>Chemical Communications</i> , 2016, 52, 8671-8674.	4.1	40

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127	Two mixed-ligand cadmium(II) compounds bearing 5-nitrosopyrimidine and N-donor aromatic blocks: self-assembly generation, structural and topological features, DFT studies, and Hirshfeld surface analysis. <i>CrystEngComm</i> , 2016, 18, 5647-5657.	2.6	23
128	Acyliridium(III) Complexes with PCN Terdentate Ligands Including Imino- or Iminium-Acyl Moieties or Formation of Hydrido from Hydroxyl. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1790-1797.	2.0	6
129	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. <i>Biomaterials Science</i> , 2016, 4, 448-459.	5.4	107
130	Slow relaxation of magnetization in 3D-MOFs based on dysprosium dinuclear entities bridged by dicarboxylic linkers. <i>CrystEngComm</i> , 2016, 18, 3055-3063.	2.6	29
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