

# Felix Zamora

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

233  
papers

10,177  
citations

48  
h-index

93  
g-index

247  
ext. papers

11,563  
ext. citations

8.9  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
233	Ultralarge Free-Standing Imine-Based Covalent Organic Framework Membranes Fabricated via Compression.. <i>Advanced Science</i> , <b>2022</b> , e2104643	13.6	6
232	Covalent organic frameworks based on electroactive naphthalenediimide as active electrocatalysts toward oxygen reduction reaction. <i>Applied Materials Today</i> , <b>2022</b> , 26, 101384	6.6	3
231	Preparation of high-quality few-layers bismuthene hexagons. <i>Applied Materials Today</i> , <b>2022</b> , 26, 101360	6.6	1
230	Heterobimetallic three-dimensional 4d-4f coordination polymers based on 5-methyl-1-(pyridin-4-ylmethyl)-1H-1,2,3-triazole-3,4-dicarboxylate. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 310, 123027	3.3	1
229	A Nanostructured Cu(II) Coordination Polymer Based on Alanine as a Trifunctional Mimic Enzyme and Efficient Composite in the Detection of Sphingobacteria.. <i>Bioinorganic Chemistry and Applications</i> , <b>2022</b> , 2022, 8788221	4.2	
228	Layered Copper-Metallated Covalent Organic Frameworks for Huisgen Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 54106-54112	9.5	1
227	Direct Visualization and Effects of Atomic-Scale Defects on the Optoelectronic Properties of Hexagonal Boron Nitride. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2001177	6.4	2
226	Continuous-Flow Synthesis of High-Quality Few-Layer Antimonene Hexagons. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101616	15.6	1
225	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13969-13977	16.4	17
224	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14088-14096	3.6	1
223	A Perspective on the Application of Covalent Organic Frameworks for Detection and Water Treatment. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
222	Exfoliation of Alpha-Germanium: A Covalent Diamond-Like Structure. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006826	16.8	8
221	Fluorescent Carbon Nitride Macrostructures Derived from Triazine-Based Cocrystals. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100683	8.1	2
220	Rational Design of Copper(II)-Uracil Nanoprocessed Coordination Polymers to Improve Their Cytotoxic Activity in Biological Media. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 36948-36957	9.5	2
219	Few-layer antimonene electrical properties. <i>Applied Materials Today</i> , <b>2021</b> , 24, 101132	6.6	0
218	Synergistic Doping and Surface Decoration of Carbon Nitride Macrostructures by Single Crystal Design. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 1868-1875	6.1	6
217	Copper(i)-iodide cluster structures as functional and processable platform materials. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 4606-4628	58.5	31

216	The role of defects in the properties of functional coordination polymers. <i>Advances in Inorganic Chemistry</i> , <b>2020</b> , 76, 73-119	2.1	1
215	Green synthesis of imine-based covalent organic frameworks in water. <i>Chemical Communications</i> , <b>2020</b> , 56, 6704-6707	5.8	30
214	Structural Factors Governing the Formation of Extended Structures in Group 10 and 12 Metal-Dithiolenes. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4573-4584	3.5	1
213	Covalent organic framework nanosheets: preparation, properties and applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2291-2302	58.5	135
212	Functionalization of a Few-Layer Antimonene with Oligonucleotides for DNA Sensing. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 3625-3633	5.6	13
211	A bioinspired metal-organic approach to cross-linked functional 3D nanofibrous hydro- and aero-gels with effective mixture separation of nucleobases by molecular recognition. <i>Nanoscale</i> , <b>2020</b> , 12, 14699-14707	7.7	3
210	Electrophoretic deposition of antimonene for photoelectrochemical applications. <i>Applied Materials Today</i> , <b>2020</b> , 20, 100714	6.6	7
209	Unveiling the oxidation behavior of liquid-phase exfoliated antimony nanosheets. <i>2D Materials</i> , <b>2020</b> , 7, 025039	5.9	18
208	Gas-Solid Heterogeneous Postsynthetic Modification of Imine-Based Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6495-6498	4.8	5
207	Biomimetic Synthesis of Sub-20 nm Covalent Organic Frameworks in Water. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3540-3547	16.4	33
206	Unveiling the Local Structure of Palladium Loaded into Imine-Linked Layered Covalent Organic Frameworks for Cross-Coupling Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13113-13120	3.6	3
205	Unveiling the Local Structure of Palladium Loaded into Imine-Linked Layered Covalent Organic Frameworks for Cross-Coupling Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13013-13020	16.4	23
204	Oxygen reduction using a metal-free naphthalene diimide-based covalent organic framework electrocatalyst. <i>Chemical Communications</i> , <b>2020</b> , 56, 1267-1270	5.8	30
203	Cunning defects: emission control by structural point defects on Cu(I) double chain coordination polymers. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 1448-1458	7.1	7
202	Cu(I) Iodide coordination polymers with aromatic thioamides. <i>CrystEngComm</i> , <b>2020</b> , 22, 5447-5452	3.3	0
201	Crystallization Induced Enhanced Emission in Two New Zn(II) and Cd(II) Supramolecular Coordination Complexes with the 1-(3,4-Dimethylphenyl)-5-Methyl-1,2,3-Triazole-4-Carboxylate Ligand. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
200	Synthesis of metal-free lightweight materials with sequence-encoded properties. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 8752-8760	13	5
199	Tunable Graphene Electronics with Local Ultrahigh Pressure. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806715	15.6	9

198	Liquid phase exfoliation of antimonene: systematic optimization, characterization and electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 22475-22486	13	30
197	Copper dithiolene [Cu(SC <sub>6</sub> H <sub>2</sub> Cl <sub>2</sub> S) <sub>2</sub> ] <sub>n</sub> units connected to alkaline/copper complexes: from ionic assemblies to discrete molecular entities and coordination polymers. <i>CrystEngComm</i> , <b>2019</b> , 21, 957-963	3.3	3
196	Synthesis and structural characterization of transition metal dithiolene derivatives containing divalent metals as counter-cations. <i>CrystEngComm</i> , <b>2019</b> , 21, 1423-1432	3.3	1
195	Chemical sensing of water contaminants by a colloid of a fluorescent imine-linked covalent organic framework. <i>Chemical Communications</i> , <b>2019</b> , 55, 1382-1385	5.8	49
194	Micro and Nano Smart Composite Films Based on Copper-Iodine Coordination Polymer as Thermo-chromic Biocompatible Sensors. <i>Polymers</i> , <b>2019</b> , 11,	4.5	5
193	Introduction to Covalent Organic Frameworks: An Advanced Organic Chemistry Experiment. <i>Journal of Chemical Education</i> , <b>2019</b> , 96, 1745-1751	2.4	6
192	Catalytically Active Imine-based Covalent Organic Frameworks for Detoxification of Nerve Agent Simulants in Aqueous Media. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
191	A MOF@COF Composite with Enhanced Uptake through Interfacial Pore Generation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9512-9516	16.4	42
190	A MOF@COF Composite with Enhanced Uptake through Interfacial Pore Generation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9612-9616	3.6	27
189	Reversible transformation between Cu(I)-thiophenolate coordination polymers displaying luminescence and electrical properties. <i>CrystEngComm</i> , <b>2019</b> , 21, 3232-3239	3.3	4
188	Multifunctional Copper(I) Coordination Polymers with Aromatic Mono- and Ditopic Thioamides. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 3290-3301	5.1	26
187	AFM Manipulation of Gold Nanowires To Build Electrical Circuits. <i>Nano Letters</i> , <b>2019</b> , 19, 5459-5468	11.5	22
186	Processing of covalent organic frameworks: an ingredient for a material to succeed. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4375-4386	58.5	76
185	Synergistic Effect of Covalent Bonding and Physical Encapsulation of Sulfur in the Pores of a Microporous COF to Improve Cycling Performance in Li-S Batteries. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 12394-12404	4.8	28
184	Synthesis and crystal structures of ion-pairs based on anionic iron-dithiolenes and alkylammonium as counter-cation. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1196, 323-331	3.4	2
183	Dynamically tuned non-classical light emission from atomic defects in hexagonal boron nitride. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	21
182	3D Printing of a Thermo- and Solvatochromic Composite Material Based on a Cu(II)-Thymine Coordination Polymer with Moisture Sensing Capabilities. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808424	15.6	27
181	2D/2D Graphitic Carbon Nitride/Antimonene Heterostructure: Structural Characterization and Application in Photocatalysis. <i>Advanced Sustainable Systems</i> , <b>2019</b> , 3, 1800138	5.9	25

180	Perspectives of the smart Cu-iodine coordination polymers: A portage to the world of new nanomaterials and composites. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 381, 65-78	23.2	41
179	Fast and efficient direct formation of size-controlled nanostructures of coordination polymers based on copper(i)-iodine bearing functional pyridine terminal ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5607-5613	4.3	7
178	Unprecedented Centimeter-Long Carbon Nitride Needles: Synthesis, Characterization and Applications. <i>Small</i> , <b>2018</b> , 14, e1800633	11	53
177	High Electrical Conductivity of Single Metal-Organic Chains. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705645	24	11
176	Recent progress in 2D group-VA semiconductors: from theory to experiment. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 982-1021	58.5	549
175	Antimonene: A Novel 2D Nanomaterial for Supercapacitor Applications. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702606	21.8	109
174	Comparative Studies of Oxidation Processes on Group 10 Metals Dithiolene Derivatives in the Formation of Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2486-2494	3.5	3
173	From Layered MOFs to Structuring at the Meso-/Macroscopic Scale <b>2018</b> , 81-121		1
172	Recent Progress on Antimonene: A New Bidimensional Material. <i>Advanced Materials</i> , <b>2018</b> , 30, 1703771	24	189
171	Uracil grafted imine-based covalent organic framework for nucleobase recognition. <i>Chemical Communications</i> , <b>2018</b> , 54, 8729-8732	5.8	24
170	Smart composite films of nanometric thickness based on copper-iodine coordination polymers. Toward sensors. <i>Chemical Science</i> , <b>2018</b> , 9, 8000-8010	9.4	34
169	Supramolecular Interactions Modulating Electrical Conductivity and Nanoprocessing of Copper-Iodine Double-Chain Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7568-7577	5.1	16
168	Reversible Thermochromic Polymeric Thin Films Made of Ultrathin 2D Crystals of Coordination Polymers Based on Copper(I)-Thiophenolates. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1704040	15.6	39
167	One-Pot Preparation of Mechanically Robust, Transparent, Highly Conductive, and Memristive Metal-Organic Ultrathin Film. <i>ACS Nano</i> , <b>2018</b> , 12, 10171-10177	16.7	12
166	Layer-Stacking-Driven Fluorescence in a Two-Dimensional Imine-Linked Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12922-12929	16.4	81
165	Operando Methods for the Mechanistic Elucidation of an Electrochemically Driven Structural Transformation. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 12377-12383	3.8	3
164	Optical Identification of Few-Layer Antimonene Crystals. <i>ACS Photonics</i> , <b>2017</b> , 4, 600-605	6.3	48
163	Confining Functional Nanoparticles into Colloidal Imine-Based COF Spheres by a Sequential Encapsulation-Crystallization Method. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 8623-8627	4.8	42

162	Sub-micron spheres of an imine-based covalent organic framework: supramolecular functionalization and water-dispersibility. <i>CrystEngComm</i> , <b>2017</b> , 19, 4872-4876	3.3	13
161	Copper(II)-Thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 987-991	16.4	23
160	An Aza-Fused $\pi$ -Conjugated Microporous Framework Catalyzes the Production of Hydrogen Peroxide. <i>ACS Catalysis</i> , <b>2017</b> , 7, 1015-1024	13.1	54
159	Copper(II)-Thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 1007-1011	3.6	1
158	Noncovalent Functionalization and Charge Transfer in Antimonene. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14389-14394	16.4	68
157	Spray drying for making covalent chemistry II: synthesis of covalent-organic framework superstructures and related composites. <i>Chemical Communications</i> , <b>2017</b> , 53, 11372-11375	5.8	11
156	Noncovalent Functionalization and Charge Transfer in Antimonene. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14581-14584	3.6	1
155	Group 10 Metal Benzene-1,2-dithiolate Derivatives in the Synthesis of Coordination Polymers Containing Potassium Counteranions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11810-11818	5.1	11
154	Microfluidic-based Synthesis of Covalent Organic Frameworks (COFs): A Tool for Continuous Production of COF Fibers and Direct Printing on a Surface. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	3
153	Multistimuli Response Micro- and Nanolayers of a Coordination Polymer Based on Cu I Chains Linked by 2-Aminopyrazine. <i>Small</i> , <b>2017</b> , 13, 1700965	11	31
152	Thiol grafted imine-based covalent organic frameworks for water remediation through selective removal of Hg(II). <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 17973-17981	13	139
151	Ionic Conductivity and Potential Application for Fuel Cell of a Modified Imine-Based Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 10079-10086	16.4	135
150	Metal-functionalized covalent organic frameworks as precursors of supercapacitive porous N-doped graphene. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 4343-4351	13	71
149	Direct Formation of Sub-Micron and Nanoparticles of a Bioinspired Coordination Polymer Based on Copper with Adenine. <i>Polymers</i> , <b>2017</b> , 9,	4.5	5
148	Few-Layer Antimonene by Liquid-Phase Exfoliation. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 14557-14561	3.6	53
147	Few-Layer Antimonene by Liquid-Phase Exfoliation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 14345-14349	16.4	299
146	Structural Diversity of Compounds Based on Iron-Dithiolene with Sodium or Potassium Complexes. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5466-5478	3.5	7
145	A crystalline and free-standing silver thiocarboxylate thin-film showing high green to yellow luminescence. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 8545-8551	7.1	12

144	Nanostructured electrochemical detector for the quantification of amino acids related to metabolic diseases. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 236, 773-780	8.5	11
143	Luminescent Thermochromism of 2D Coordination Polymers Based on Copper(I) Halides with 4-Hydroxythiophenol. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18027-18035	4.8	32
142	R&Ktitelbild: Few-Layer Antimonene by Liquid-Phase Exfoliation (Angew. Chem. 46/2016). <i>Angewandte Chemie</i> , <b>2016</b> , 128, 14686-14686	3.6	1
141	Crystalline fibres of a covalent organic framework through bottom-up microfluidic synthesis. <i>Chemical Communications</i> , <b>2016</b> , 52, 9212-5	5.8	73
140	Covalent organic frameworks based on Schiff-base chemistry: synthesis, properties and potential applications. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 5635-5671	58.5	733
139	Metal-Organic Frameworks Containing Missing-Linker Defects Leading to High Hydroxide-Ion Conductivity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1646-51	4.8	41
138	Strong luminescent copper(I) halide coordination polymers and dinuclear complexes with thioacetamide and N,N?-donor ligands. <i>CrystEngComm</i> , <b>2016</b> , 18, 1809-1817	3.3	20
137	MasterChem: cooking 2D-polymers. <i>Chemical Communications</i> , <b>2016</b> , 52, 4113-27	5.8	94
136	Unprecedented layered coordination polymers of dithiolene group 10 metals: magnetic and electrical properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6696-701	4.3	11
135	Highly concentrated and stable few-layers graphene suspensions in pure and volatile organic solvents. <i>Applied Materials Today</i> , <b>2016</b> , 2, 17-23	6.6	15
134	Insulin sensor based on nanoparticle-decorated multiwalled carbon nanotubes modified electrodes. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 222, 331-338	8.5	35
133	Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions. <i>Advanced Materials</i> , <b>2016</b> , 28, 6332-6	24	374
132	Supramolecular interactions in Cobalt(II)Nucleobases complexes: A methyl matter. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 452, 251-257	2.7	4
131	Rhodium and copper 6-methylpicolinate complexes. Structural diversity and supramolecular interaction study. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 453, 574-582	2.7	5
130	Antimonene: Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions (Adv. Mater. 30/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 6515	24	20
129	Mechanical and optical properties of ultralarge flakes of a metal-organic framework with molecular thickness. <i>Chemical Science</i> , <b>2015</b> , 6, 2553-2558	9.4	121
128	Reversible stimulus-responsive Cu(I) iodide pyridine coordination polymer. <i>Chemical Communications</i> , <b>2015</b> , 51, 14306-9	5.8	32
127	Highly dense nickel hydroxide nanoparticles catalyst electrodeposited from a novel Ni(II) paddlewheel complex. <i>Journal of Catalysis</i> , <b>2015</b> , 329, 22-31	7.3	11

126	Stimuli-responsive hybrid materials: breathing in magnetic layered double hydroxides induced by a thermoresponsive molecule. <i>Chemical Science</i> , <b>2015</b> , 6, 1949-1958	9.4	34
125	Asymmetric and Symmetric Dicopper(II) Paddle-Wheel Units with Modified Nucleobases. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 5485-5494	3.5	18
124	Halo and Pseudohalo Cu(I)-Pyridinato Double Chains with Tunable Physical Properties. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10738-47	5.1	17
123	Exfoliated graphite flakes as soft-electrodes for precisely contacting nanoobjects. <i>2D Materials</i> , <b>2015</b> , 2, 035008	5.9	2
122	S-S Bond Activation in Multi-Copper $\mu$ -Aggregates Containing Perthiocarboxylato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4044-4054	2.3	3
121	Direct On-Surface Patterning of a Crystalline Lamellar Covalent Organic Framework Synthesized at Room Temperature. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10666-70	4.8	93
120	Electrical Conductivity and Strong Luminescence in Copper Iodide Double Chains with Isonicotinato Derivatives. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17282-92	4.8	24
119	Studies on bifunctional Fe(II)-triazole spin crossover nanoparticles: time-dependent luminescence, surface grafting and the effect of a silica shell and hydrostatic pressure on the magnetic properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7819-7829	7.1	59
118	Coordination polymers based on diiron tetrakis(dithiolato) bridged by alkali metals, electrical bistability around room temperature, and strong antiferromagnetic coupling. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 2243-52	5.1	12
117	On-surface self-organization of a robust metal-organic cluster based on copper(I) with chloride and organosulphur ligands. <i>Chemical Communications</i> , <b>2015</b> , 51, 3243-6	5.8	4
116	Self-Assembly of 1D/2D Hybrid Nanostructures Consisting of a Cd(II) Coordination Polymer and NiAl-Layered Double Hydroxides. <i>Polymers</i> , <b>2015</b> , 8,	4.5	10
115	Electrochemically generated nanoparticles of halogen-bridged mixed-valence binuclear metal complex chains. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7107-15	4.8	2
114	Reversible recrystallization process of copper and silver thioacetamidehalide coordination polymers and their basic building blocks. <i>CrystEngComm</i> , <b>2014</b> , 16, 8224-8231	3.3	22
113	A photoresponsive graphene oxide-C60 conjugate. <i>Chemical Communications</i> , <b>2014</b> , 50, 9053-5	5.8	33
112	New insights into the chemistry of di- and trimetallic iron dithiolene derivatives. Structural, Mössbauer, magnetic, electrochemical and theoretical studies. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13187-95	4.3	7
111	On the road to MM $\infty$ polymers: redox properties of heterometallic Ni $\mu$ Pt paddlewheel complexes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 10553-62	5.1	4
110	Solution-based DNA-templating of sub-10 nm conductive copper nanowires. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9265-9273	7.1	21
109	Supramolecular architectures based on 6-purinethione complexes. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 417, 142-147	2.7	2



108	Coordination polymers with nucleobases: From structural aspects to potential applications. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 276, 34-58	23.2	91
107	Reversible Solvent-Exchange-Driven Transformations in Multifunctional Coordination Polymers Based on Copper-Containing Organosulfur Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3879-3887	2.3	8
106	Electrical bistability around room temperature in an unprecedented one-dimensional coordination magnetic polymer. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5943-50	5.1	10
105	Cu(I), Co(II) and Fe(II) coordination polymers with pyrazine and benzoate as ligands. Spin crossover, spin canting and metamagnetism phenomena. <i>Dalton Transactions</i> , <b>2013</b> , 42, 13453-60	4.3	10
104	Structural Diversity in Paddlewheel Dirhodium(II) Compounds through Ionic Interactions: Electronic and Redox Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4977-4985	3.5	13
103	Supramolecular attachment of metalloporphyrins to graphene oxide and its pyridine-containing derivative. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10463-7	4.8	6
102	Semiconductive and magnetic one-dimensional coordination polymers of Cu(II) with modified nucleobases. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11428-37	5.1	36
101	Dynamic combinatorial chemistry in a solvothermal process between nickel(II), halides and organosulphur ligands. <i>RSC Advances</i> , <b>2013</b> , 3, 18406	3.7	8
100	Some Pictures of Alcoholic Dancing: From Simple to Complex Hydrogen-Bonded Networks Based on Polyalcohols. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 4680-4690	3.8	15
99	Solvent-induced delamination of a multifunctional two dimensional coordination polymer. <i>Advanced Materials</i> , <b>2013</b> , 25, 2141-6	24	130
98	Intrinsic electrical conductivity of nanostructured metal-organic polymer chains. <i>Nature Communications</i> , <b>2013</b> , 4, 1709	17.4	56
97	Metal-Ligand Systems for Construction of One-Dimensional Nanostructures <b>2013</b> , 19-40		1
96	Substituent and noncovalent interaction effects in the reactivity of purine derivatives with tetracarboxylato-dirhodium(II) units. Rationalization of a rare binding mode via N3. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2174-81	5.1	4
95	Enhanced fluorescence of silver nanoclusters stabilized with branched oligonucleotides. <i>Chemical Communications</i> , <b>2013</b> , 49, 4950-2	5.8	15
94	Coordination chemistry of 6-thioguanine derivatives with cobalt: toward formation of electrical conductive one-dimensional coordination polymers. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5290-9	5.1	26
93	Solvent-Induced Delamination of a Multifunctional Two Dimensional Coordination Polymer (Adv. Mater. 15/2013). <i>Advanced Materials</i> , <b>2013</b> , 25, 2140-2140	24	
92	The isolation of single MMX chains from solution: unravelling the assembly-disassembly process. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 15518-29	4.8	7
91	Electrical behaviour of heterobimetallic [MM $\alpha$ (EtCS <sub>2</sub> ) <sub>4</sub> ] (MM $\alpha$ =NiPd, NiPt, PdPt) and MM $\alpha$ -chain polymers [PtM(EtCS <sub>2</sub> ) <sub>4</sub> ] (M=Ni, Pd). <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 15476-84	4.8	19

90	Tuning delamination of layered covalent organic frameworks through structural design. <i>Chemical Communications</i> , <b>2012</b> , 48, 7976-8	5.8	79
89	Formation of a surface covalent organic framework based on polyester condensation. <i>Chemical Communications</i> , <b>2012</b> , 48, 6779-81	5.8	78
88	Patterned conductive nanostructures from reversible self-assembly of 1D coordination polymer. <i>Chemical Science</i> , <b>2012</b> , 3, 2047	9.4	27
87	Supramolecular assembly of diplatinum species through weak Pt(II)???Pt(II) intermolecular interactions: a combined experimental and computational study. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 13787-99	4.8	15
86	Electrical conductivity and luminescence in coordination polymers based on copper(I)-halides and sulfur-pyrimidine ligands. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 718-27	5.1	86
85	Electrical conductive coordination polymers. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 115-47	58.5	459
84	The structural diversity triggered by intermolecular interactions between Au(I)S <sub>2</sub> groups: aurophilia and beyond. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 9965-76	4.8	22
83	Unexpected multiple bond cleavage and rearrangement of organosulfide ligands in the presence of Cu(II) assisted by solvothermal and solvothermal-microwave conditions. <i>Dalton Transactions</i> , <b>2011</b> , 40, 847-52	4.3	25
82	2D materials: to graphene and beyond. <i>Nanoscale</i> , <b>2011</b> , 3, 20-30	7.7	1095
81	Metal-mediated aggregation of DNA comprising 2,2'-bipyridine nucleoside, an asymmetrically substituted chiral bidentate ligand. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1802-7	4.3	19
80	Carbon nanotubes growth on silicon nitride substrates. <i>Materials Letters</i> , <b>2011</b> , 65, 1479-1481	3.3	7
79	An alternative route for the synthesis of silicon nanowires via porous anodic alumina masks. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 495	5	17
78	Delamination of layered covalent organic frameworks. <i>Small</i> , <b>2011</b> , 7, 1207-11	11	199
77	Coordination polymers for nanoelectronics. <i>Advanced Materials</i> , <b>2011</b> , 23, 5311-7	24	45
76	Nanostructures on surfaces of the metalorganic compound {Fe <sub>2</sub> (CO) <sub>6</sub> [ $\mu$ -S <sub>2</sub> C <sub>6</sub> H <sub>2</sub> (OH) <sub>2</sub> ]} and its potential as catalyst precursor for the synthesis of carbon nanotubes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 3109-11	4.3	3
75	Stability and electronic structure of M-DNA: Role of metal position. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	5
74	Highly conductive self-assembled nanoribbons of coordination polymers. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 110-5	28.7	84
73	Structure and Characterization of Vertically Aligned Single-Walled Carbon Nanotube Bundles. <i>Journal of Nanomaterials</i> , <b>2010</b> , 2010, 1-7	3.2	3

72	Novel Melt-Processable Nanocomposites Based on Isotactic Polypropylene and Carbon Nitride: Morphology, Crystallization, and Dynamic Mechanical Properties. <i>Soft Materials</i> , <b>2010</b> , 8, 407-425	1.7	17
71	One-dimensional coordination polymers on surfaces: towards single molecule devices. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 4220-33	58.5	114
70	Ordering phthalocyanine-C60 fullerene conjugates on individual carbon nanotubes. <i>Chemical Communications</i> , <b>2010</b> , 46, 4692-4	5.8	15
69	Single layers of a multifunctional laminar Cu(I,II) coordination polymer. <i>Chemical Communications</i> , <b>2010</b> , 46, 3262-4	5.8	199
68	S-S bond reactivity in metal-perthiocarboxylato compounds. <i>Dalton Transactions</i> , <b>2010</b> , 39, 1511-8	4.3	8
67	Nuclearity control in gold dithiocarboxylato compounds. <i>CrystEngComm</i> , <b>2010</b> , 12, 2332	3.3	16
66	Hollow C3N4 nanoclusters from first principles. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	7
65	Dynamic combinatorial chemistry in a solvothermal process of Cu(I,II) and organosulfur ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 2280-7	4.3	22
64	Conductive Nanostructures of MMX Chains. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1451-1457	15.6	40
63	Organization of Coordination Polymers on Surfaces by Direct Sublimation. <i>Advanced Materials</i> , <b>2009</b> , 21, 2025-2028	24	40
62	Chemical Vapor Deposition Repair of Graphene Oxide: A Route to Highly-Conductive Graphene Monolayers. <i>Advanced Materials</i> , <b>2009</b> , 21, 4683-4686	24	189
61	Graphene Monolayers: Chemical Vapor Deposition Repair of Graphene Oxide: A Route to Highly-Conductive Graphene Monolayers (Adv. Mater. 46/2009). <i>Advanced Materials</i> , <b>2009</b> , 21, n/a-n/a	24	63
60	Towards Molecular Wires Based on Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2885-2896	2.3	49
59	Bipyridine-modified oligonucleotides: Aggregation in the presence of metal ions. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 985-992	2.7	21
58	From metal-nucleobase chemistry towards molecular wires. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 691-706	2.7	22
57	Synthesis of designed conductive one-dimensional coordination polymers of Ni(II) with 6-mercaptopurine and 6-thioguanine. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7931-6	5.1	40
56	Azafullerene-like nanosized clusters. <i>ACS Nano</i> , <b>2009</b> , 3, 3352-7	16.7	10
55	Nanofibers generated by self-assembly on surfaces of bimetallic building blocks. <i>Dalton Transactions</i> , <b>2009</b> , 7341-3	4.3	14

54	Anodic aluminium oxide membranes used for the growth of carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 6396-400	1.3	6
53	Dependence of the single walled carbon nanotube length with growth temperature and catalyst density by chemical vapor deposition. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 2830-5	1.3	4
52	A conducting coordination polymer based on assembled Cu <sub>9</sub> cages. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9128-30	3.1	93
51	Direct evidence of nanowires formation from a Cu(I) coordination polymer. <i>Chemical Communications</i> , <b>2008</b> , 945-7	5.8	42
50	Electrical conductivity in platinum-dimer columns. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9736-8	5.1	38
49	Time-dependence structures of coordination network wires in solution. <i>ACS Nano</i> , <b>2008</b> , 2, 2051-6	16.7	26
48	Metallicity in individual MMX chains. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5552-62	16.4	37
47	Covalent deposition of ferritin nanoparticles onto gold surfaces. <i>Nanotechnology</i> , <b>2008</b> , 19, 025302	3.4	10
46	Self-Assembly of Supramolecular Architectures Using Chlorotetra(Pyrrole-2-Carboxylato)Diruthenium Molecules as Building Blocks. <i>Journal of Cluster Science</i> , <b>2008</b> , 19, 219-230	3	6
45	Highly conductive supramolecular nanostructures of a covalently linked phthalocyanine-C60 fullerene conjugate. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2026-31	16.4	68
44	Unusual dimeric Zn(II)-cytosine complexes: new models of the interaction of Zn(II) with DNA and RNA. <i>Journal of Inorganic Biochemistry</i> , <b>2008</b> , 102, 203-8	4.2	14
43	An unusual triple parallel interpenetrated 2D Cu-polymer, with a 3D triple interpenetration via H-bonding. <i>CrystEngComm</i> , <b>2007</b> , 9, 987	3.3	23
42	MMX polymer chains on surfaces. <i>Chemical Communications</i> , <b>2007</b> , 1591-3	5.8	41
41	Design and non-covalent DNA binding of platinum(II) metallacalix[4]arenes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5075-81	4.8	49
40	Microwave assisted hydrothermal synthesis of a novel CuI-sulfate-pyrazine MOF. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 921-924	3.1	72
39	Nanoprocessability of a one-dimensional oxalato-bridged cobalt(II) complex with 1,2,4-triazole. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 48-54	2.7	18
38	Interguanine hydrogen-bonding patterns in adducts with water and Zn-purine complexes (purine is 9-methyladenine and 9-methylguanine). Unexpected preference of Zn(II) for adenine-N7 over guanine-N7. <i>Journal of Biological Inorganic Chemistry</i> , <b>2007</b> , 12, 543-55	3.7	20
37	Design of molecular wires based on one-dimensional coordination polymers. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 193107	3.4	24

36	Geometry and electronic structure of M-DNA (M=Zn <sup>2+</sup> , Co <sup>2+</sup> , and Fe <sup>2+</sup> ). <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	56
35	Assembling of dimeric entities of Cd(II) with 6-mercaptapurine to afford one-dimensional coordination polymers: synthesis and scanning probe microscopy characterization. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 7642-50	5.1	52
34	Scanning probe microscopy characterization of single chains based on a one-dimensional oxalato-bridged manganese(II) complex with 4-aminotriazole. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8343-8	5.1	51
33	Structural models for the interaction of Cd(II) with DNA: trans-[Cd(9-RGH-N7) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ] <sup>2+</sup> . <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 1540-7	4.2	24
32	Stabilization of the non-canonical adenine-adeninium base pair by N(7) coordination of Zn(II). <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 2226-30	4.2	19
31	Synthesis and reactivity of iron carbonyl clusters containing alkynethiolate ligands. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 1521-1530	2.7	14
30	Models of putative (AH)G(AH)G nucleobase quartets. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5670-4	16.4	19
29	From Coordination Polymer Macrocrystals to Nanometric Individual Chains. <i>Advanced Materials</i> , <b>2005</b> , 17, 1761-1765	24	70
28	Asymmetric acetylenic thioethers in ruthenium cluster chemistry. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 552-556	2.3	16
27	Activation of C≡S Bonds in Organosulfur Compounds Containing π-Unsaturated Ketone Systems by Carbonylruthenium and -iron Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 562-568 <sup>2,3</sup>	2.3	15
26	Reactivity of Fe <sub>3</sub> (CO) <sub>12</sub> towards thiols containing an π-unsaturated ketone system. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 351, 119-122	2.7	22
25	Alkynethiolate ligands in the syntheses of iron carbonyl derivatives. Crystal structure of [(C≡C <sub>5</sub> H <sub>5</sub> )Fe(CO) <sub>2</sub> (SC≡CSiMe <sub>3</sub> )]. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 649, 21-24	2.3	9
24	Fast and Reversible Intramolecular Cleavage of an Au-C Bond in the Spiked-Triangular Metal Complexes [Fe <sub>3</sub> Au(μ <sub>3</sub> -C≡CtBu)(CO) <sub>9</sub> (PR <sub>3</sub> )] (R = Ph, iPr). <i>Organometallics</i> , <b>2002</b> , 21, 780-782	3.8	13
23	Simultaneous N7,O6-binding of guanine to two zinc centers and its possible biological significance. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4976-7	5.1	21
22	Synthesis and crystal structure of a diplatinum cyclopentadienyldiphenylphosphine sulphide bridged complex. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 315, 1-8	2.7	5
21	Iron carbonyls with bulky thiolate ligands: crystal structures of [Fe <sub>2</sub> (CO) <sub>6</sub> (SC <sub>6</sub> H <sub>2</sub> iPr <sub>3</sub> -2,4,6) <sub>2</sub> ] and (C <sub>6</sub> H <sub>2</sub> iPr <sub>3</sub> -2,4,6) <sub>2</sub> S <sub>2</sub> . <i>Inorganica Chimica Acta</i> , <b>1999</b> , 284, 14-19	2.7	13
20	5,5'-Diuracilylspezies aus Uracil und [AuCl <sub>4</sub> ]-Nucleobasen-Dimerisierung durch ein Metall. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2415-2417	3.6	15
19	5,5'-Diuracilyl Species from Uracil and [AuCl <sub>4</sub> ]-Nucleobase Dimerization Brought about by a Metal. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2274-2275	16.4	35

18	Crystal structures of a protonated form of trans-[Pt(NH <sub>3</sub> ) <sub>2</sub> (mura) <sub>2</sub> ] and of a derivative containing three different metal ions, Pt <sup>2+</sup> , Ag <sup>+</sup> , and Na <sup>+</sup> (mura = 1-methyluracilate). Major difference in packing between heteronuclear pyrimidine nucleobase complexes of cis- and trans-(NH <sub>3</sub> ) <sub>2</sub> PtII. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 175-182		27
17	A bis(9-methyladeninium) complex of Hg(II) with a highly irregular coordination geometry: [Hg(9-MeAH-N7) <sub>2</sub> (H <sub>2</sub> O)(NO <sub>3</sub> ) <sub>3</sub> ]ClO <sub>4</sub> . <i>Inorganica Chimica Acta</i> , <b>1998</b> , 267, 87-91	2.7	14
16	Synthesis and structure of (1,3-dimethyluracil-5-yl) mercury(II) complexes with aromatic nitrogen donor ligands. <i>Inorganica Chimica Acta</i> , <b>1998</b> , 282, 237-242	2.7	11
15	AuIII binding to C5 of the model nucleobase 1,3-dimethyluracil (1,3-DimeU): Preparation and X-ray crystal structures of trans-K[Au(CN) <sub>2</sub> Cl(1,3-DimeU)] and of two derivatives. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 552, 127-134	2.3	20
14	Tridentate Coordination Modes of Functionalized Titanocene Thiolates. Crystal Structure of [(eta(5)-C(5)H(4)SiMe(3))Ti(eta(5):kappa-P-C(5)H(4)PPh(2))(eta(5):SPh)(2)W(CO)(3)]. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 6684-6689	5.1	5
13	Hexanuclear hydrolysis products of the uracil nucleobase complex(1,3-dimethyluracil-5-yl)mercury(ii) nitrate. <i>Chemical Communications</i> , <b>1997</b> , 485-486	5.8	28
12	Metal-Stabilized Rare Tautomers of Nucleobases. 6. Imino Tautomer of Adenine in a Mixed-Nucleobase Complex of Mercury(II). <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1583-1587	5.1	106
11	Palladium(II) 4,5-Diphenylimidazole Cyclometalated Complexes: DNA Interaction. <i>Applied Organometallic Chemistry</i> , <b>1997</b> , 11, 491-497	3.1	6
10	Pd(II) and Pt(II) Complexes of 2-Phenyl- and 2-Benzyl-imidazoline: Synthesis, Structural Characterization, DNA Modification and in vitro Antileukaemic Activity. <i>Applied Organometallic Chemistry</i> , <b>1997</b> , 11, 659-666	3.1	28
9	Pyrimidine Nucleobases as Versatile and Multidentate Ligands for Heavy Metal Ions. Significance of Metal Binding to the C(5) Sites of Uracil and Cytosine <b>1997</b> , 511-520		2
8	(1,3-Dimethyluracil-5-yl)mercury(II): Preparative, Structural, and NMR Spectroscopic Studies of an Analog of CH(3)Hg(II). <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 4858-4864	5.1	30
7	Cyclometalated complexes of Pd(II) and Pt(II) with 2-phenylimidazoline. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 506, 149-154	2.3	36
6	A way to obtain cyclopalladation of unsubstituted 2-phenylimidazole derivatives. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 522, 97-103	2.3	11
5	Synthesis and NMR structural analysis of several orthopalladated complexes of substituted benzo-imidazole, -oxazole and -thiazole and study of two polymorphic crystals. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 518, 29-36	2.3	22
4	Palladium (II) compounds of putrescine and spermine. Synthesis, characterization, and DNA-binding and antitumor properties. <i>Journal of Inorganic Biochemistry</i> , <b>1993</b> , 52, 37-49	4.2	58
3	Palladium(II) salt and complexes of spermidine with a six-member chelate ring. Synthesis, characterization, and initial DNA-binding and antitumor studies. <i>Journal of Inorganic Biochemistry</i> , <b>1992</b> , 46, 267-79	4.2	42
2	Supramolecular Chemistry of Metal-Nucleobase Complexes 95-132		6
1	Following the light: 3D-printed COF@poly(2-hydroxyethyl methacrylate) dual emissive composite with response to polarity and acidity. <i>Journal of Materials Chemistry A</i> ,	13	2

