

# Jonathan M White

## 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.

223  
papers

3,370  
citations

28  
h-index

46  
g-index

245  
ext. papers

3,878  
ext. citations

4.5  
avg, IF

5.49  
L-index

#	Paper	IF	Citations
223	Simulating chalcogen bonding using molecular mechanics: a pseudoatom approach to model ebselen.. <i>Journal of Molecular Modeling</i> , <b>2022</b> , 28, 66	2	0
222	Enhanced anticancer potency with reduced nephrotoxicity of newly synthesized platinum-based complexes compared with cisplatin.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8316	4.9	2
221	Experimental and theoretical investigations into the mechanisms of haliranium ion ligand exchange reactions with cyclic alkenes in the gas phase. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 25572-25589	3.6	2
220	Phytochemical Profiling and Biological Testing of the Constituents of the Australian Plant. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2832-2844	4.9	0
219	Effect of structural features on the stability and bactericidal potential of two cadmium coordination polymers. <i>CrystEngComm</i> , <b>2021</b> , 23, 7450-7461	3.3	1
218	Photophysics and spectroscopy of 1,2-Benzazulene. <i>Chemical Physics Letters</i> , <b>2021</b> , 784, 139114	2.5	1
217	Investigation of biological activity of nickel (II) complex with naproxen and 1,10-phenanthroline ligands. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 6939-6954	3.6	3
216	Development and Application of Subtype-Selective Fluorescent Antagonists for the Study of the Human Adenosine A Receptor in Living Cells. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 6670-6695	8.3	2
215	Total Synthesis of Viridifungins A and B. <i>Organic Letters</i> , <b>2021</b> , 23, 3557-3560	6.2	1
214	CHAL336 Benchmark Set: How Well Do Quantum-Chemical Methods Describe Chalcogen-Bonding Interactions?. <i>Journal of Chemical Theory and Computation</i> , <b>2021</b> , 17, 2783-2806	6.4	18
213	Synthesis and Solvatochromic Behavior of Zwitterionic Donor-Bridge-Acceptor Systems with Oligo(p-phenylene) Spacers. <i>Organic Materials</i> , <b>2021</b> , 03, 103-118	1.9	1
212	A novel paramagnetic coordination polymer, fabricated from Co(NCS) <sub>2</sub> and 2-pyridinecarbaldehyde isonicotinoylhydrazone. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 522, 120335	2.7	0
211	Zinc(II) complexes derived from 2-formylpyridine nicotinoyl hydrazone as organic blocker: Syntheses, crystal architectures, Hirshfeld surface analyses and DFT studies. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1229, 129614	3.4	1
210	Sonochemical Synthesis, Crystal Structure and Antimicrobial Property of One-dimensional Dinuclear Coordination Polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 442-447 <sup>1-3</sup>		1
209	Electronic spectroscopy and photophysics of calix[4]azulene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 405, 112922	4.7	2
208	Application of the Variable Oxygen Probe to Derivatives of 2,6-Dimethyltetrahydropyran-4-ol: Evidence for Through-Bond nOCCO Interactions. <i>Australian Journal of Chemistry</i> , <b>2021</b> , 74, 157	1.2	1
207	The performance of conjugated polymers as emitters for triplet-triplet annihilation upconversion. <i>Materials Advances</i> , <b>2021</b> , 2, 2031-2035	3.3	5

206	The role of conformational heterogeneity in the excited state dynamics of linked diketopyrrolopyrrole dimers. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 9357-9364	3.6	4
205	Phytochemical Profiling and Biological Activity of the Australian Carnivorous Plant,. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 964-971	4.9	4
204	Synthesis, crystal structure, Hirshfeld surface analyses, antimicrobial activity, and thermal behavior of some novel nanostructure hexa-coordinated Cd(II) complexes: Precursors for CdO nanostructure. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6181	3.1	1
203	Synthesis and fluorine-18 radiolabeling of a phospholipid as a PET imaging agent for prostate cancer. <i>Nuclear Medicine and Biology</i> , <b>2021</b> , 93, 37-45	2.1	0
202	Computational Study of the Donor-Acceptor Interactions Underlying the Variable Oxygen Probe. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3960-3969	4.2	
201	Selective Synthesis of $\beta$ -Symmetric BINOL-phosphates and P-chiral Phosphoramides Using Directed $\beta$ -Lithiation. <i>Organic Letters</i> , <b>2021</b> , 23, 7055-7058	6.2	2
200	Oxorhenium(V) and Oxotechnetium(V) Complexes of NS Tetradentate Ligands with a Styrylpyridyl Functional Group: Toward Imaging Agents to Assist in the Diagnosis of Alzheimer's Disease. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13669-13680	5.1	1
199	An approach to assessing the contribution of the high LET effect in strategies for Auger endoradiotherapy. <i>International Journal of Radiation Biology</i> , <b>2021</b> , 1-8	2.9	
198	Revealing the influence of steric bulk on the triplet-triplet annihilation upconversion performance of conjugated polymers. <i>Scientific Reports</i> , <b>2021</b> , 11, 19585	4.9	2
197	Experimental and theoretical investigations into the manifestation of the $\beta$ effect in 2- and 4-[2-silylethyl]pyridines and pyridinium ions. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 953, 122050	2.3	
196	Optimising molecular rotors to AIE fluorophores for mitochondria uptake and retention. <i>Chemical Communications</i> , <b>2020</b> , 56, 14853-14856	5.8	10
195	Competitive Triplet Formation and Recombination in Crystalline Films of Perylenediimide Derivatives: Implications for Singlet Fission. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 11574-11585	3.8	8
194	Comatulins A-E, Taurine-Conjugated Anthraquinones from the Australian Crinoid. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1971-1979	4.9	1
193	Thermal conversion of a pyridine solvate to a de-solvate facilitated by rearrangement of chalcogen bonds. The solvate and non-solvate structures of N-(2-nitro-4-(3-oxobenzo[d][1,2]selenazol-2(3H)-yl)phenyl)picolinamide. <i>CrystEngComm</i> , <b>2020</b> , 22, 4023-4029	3.3	2
192	FRET-enhanced photoluminescence of perylene diimides by combining molecular aggregation and insulation. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8953-8961	7.1	6
191	Experimental evidence of chalcogen bonding at oxygen. <i>Chemical Communications</i> , <b>2020</b> , 56, 3313-3316	5.8	12
190	Synthesis, crystal structure, magnetic, photoluminescence and antibacterial properties of dinuclear Copper(II) complex. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1214, 128233	3.4	6
189	A multifunctional surfactant catalyst inspired by hydrolases. <i>Science Advances</i> , <b>2020</b> , 6, eaaz0404	14.3	18

188	Automated synthesis of F radiolabelled indole containing Oncrasin-like molecules; a comparison of iodonium salts and boronic ester chemistry. <i>EJNMMI Radiopharmacy and Chemistry</i> , <b>2020</b> , 5, 23	5.8	
187	Spectroscopic and Dynamic Properties of Electronically Excited Pendant Porphyrin Polymers with Backbones of Differing Flexibility. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 10748-10757	2.8	
186	On the importance of $\pi$ -hole spodium bonding in tricoordinated Hg complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17547-17551	4.3	18
185	Catalyst Luminescence Exploited as an Inherent In Situ Probe of Photoredox Catalysis. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 105-109	3.3	0
184	The mechanochemical conversion of potassium coordination polymer nanostructures to interpenetrated sodium coordination polymers with halogen bond, metal-carbon and metal-metal interactions. <i>CrystEngComm</i> , <b>2020</b> , 22, 888-894	3.3	2
183	Concise synthesis of sulfoquinovose and sulfoquinovosyl diacylglycerides, and development of a fluorogenic substrate for sulfoquinovosidases. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 675-686	3.9	6
182	Synthesis, crystal structure and antibacterial activity of a homonuclear nickel(II) metal-organic nano supramolecular architecture. <i>Polyhedron</i> , <b>2020</b> , 176, 114301	2.7	8
181	A structural study of p-type AD $\pi$ oligothiophenes: effects of regioregular alkyl sidechains on annealing processes and photovoltaic performances. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 567-580	7.1	3
180	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10215-10221	3.6	8
179	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10129-10135	16.4	40
178	Conversion of kinetically stable metal-organic product to thermodynamically stable one approved by thermal treatment and sonochemical reaction. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1203, 127443	3.4	2
177	An octadentate bis(semicarbazone) macrocycle: a potential chelator for lead and bismuth radiopharmaceuticals. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14962-14974	4.3	9
176	Evidence that ligand exchange reactions of chalcogen iranium ions proceed via H $\ddot{a}$ kel pseudocoarctate transition states. <i>Journal of Physical Organic Chemistry</i> , <b>2020</b> , 33, e4111	2.1	1
175	Tungsten Ligand-Based Sulfur-Atom-Transfer Catalysts: Synthesis, Characterization, Sustained Anaerobic Catalysis, and Mode of Aerial Deactivation. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16824-16828	5.1	2
174	Gallium Fluoride Complexes with Acyclic Bispicolinic Ligands as Potential New Fluorine-18 Labelled Imaging Agents. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 3378-3386	2.3	2
173	Copper Bis(thiosemicarbazonato)-stilbenyl Complexes That Bind to Amyloid- $\beta$ Plaques. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 11658-11669	5.1	4
172	Synthesis of bilocularin A carbamate derivatives and their evaluation as leucine transport inhibitors in prostate cancer cells. <i>Phytochemistry</i> , <b>2020</b> , 179, 112478	4	2
171	Total Synthesis of the Putative Structure of Asperipin-2a and Stereochemical Reassignment. <i>Organic Letters</i> , <b>2020</b> , 22, 7730-7734	6.2	4

170	Oxidative damage of proline residues by nitrate radicals (NO <sub>2</sub> ) a kinetic and product study. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6949-6957	3.9	3
169	Structure of the ligated Ag <sub>60</sub> nanoparticle [Cl@Ag <sub>12</sub> ]@Ag <sub>48</sub> (dppm) <sub>12</sub> (where dppm=bis(diphenylphosphino)methane) <i>Chinese Journal of Chemical Physics</i> , <b>2019</b> , 32, 182-186	0.9	3
168	Experimental and DFT Studies on the Identity Exchange Reactions between Phenyl Chalcogen Iridium Ions and Alkenes. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 8200-8207	2.8	5
167	New insights into chalcogen bonding provided by co-crystal structures of benziisoselenazolinone derivatives and nitrogen bases. <i>CrystEngComm</i> , <b>2019</b> , 21, 1539-1542	3.3	7
166	An effective cis-octahedral Mn(III) SALPN catalyst for the Mukaiyama-Isayama hydration of $\alpha$ -unsaturated esters. <i>Chemical Communications</i> , <b>2019</b> , 55, 7699-7702	5.8	5
165	Sonochemical synthesis, structural characterizations and antibacterial activities of biocompatible Copper(II) coordination polymer nanostructures. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 276, 61-67	3.3	14
164	Synthesis of the C-Terminal Macrocyclic of Asperipin-2a. <i>Organic Letters</i> , <b>2019</b> , 21, 1877-1880	6.2	4
163	Tetraphenylethene 9,10-Diphenylanthracene Derivatives - Synthesis and Photophysical Properties. <i>ChemPlusChem</i> , <b>2019</b> , 84, 746-753	2.8	11
162	Highly Efficient Luminescent Solar Concentrators by Selective Alignment of Donor-Emitter Fluorophores. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 3001-3008	9.6	12
161	Solubilizing core modifications on high-performing benzodithiophene-based molecular semiconductors and their influences on film nanostructure and photovoltaic performance. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 6312-6326	13	13
160	Comprehensive Synthesis of Substrates, Intermediates, and Products of the Sulfoglycolytic Embden-Meyerhoff-Parnas Pathway. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2901-2910	4.2	8
159	Reactions of Thiiranium and Sulfonium Ions with Alkenes in the Gas Phase. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 10076-10087	4.2	4
158	Design and construction of Zn(II) coordination polymers made by pincer type pyridine-hydrazine based ligands. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1197, 555-563	3.4	6
157	In vitro nephrotoxicity and anticancer potency of newly synthesized cadmium complexes. <i>Scientific Reports</i> , <b>2019</b> , 9, 14686	4.9	13
156	Solid-Liquid Conversion and Carbon Dioxide Storage in a Calcium-Based Metal-Organic Framework with Micro- and Nanoporous Channels. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 7290-7297	3.5	11
155	Total Synthesis and Stereochemical Reassignment of Citrafungin A. <i>Organic Letters</i> , <b>2019</b> , 21, 9663-9666	6.2	5
154	Potential Diagnostic Imaging of Alzheimer's Disease with Copper-64 Complexes That Bind to Amyloid- $\beta$ Plaques. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 3382-3395	5.1	21
153	Three-Membered Rings With One Selenium or Tellurium Atom <b>2019</b> , 436-436		0

152	A Copper Complex of a Thiosemicarbazone-Pyridylhydrazone Ligand Containing a Vinylpyridine Functional Group as a Potential Imaging Agent for Amyloid- $\beta$ Plaques. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 827	1.2	5
151	Structural characterization and gas-phase studies of the [AgH(L)] nanocluster dication. <i>Nanoscale</i> , <b>2019</b> , 11, 22880-22889	7.7	12
150	6-Phenylpyrimidin-4-ones as Positive Allosteric Modulators at the M mAChR: The Determinants of Allosteric Activity. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1099-1114	5.7	6
149	Sonochemical synthesis of a two-dimensional supramolecular polymer with nanoporous morphology, linear thalophilic and covalent hydrogen-bonding interactions. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4747	3.1	11
148	Potentiometric Ion-Selective Electrode Based on a New Single Crystal Cadmium(II) Schiff Base Complex for Detection of Fluoride Ion: Central Composite Design Optimization. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 413-425	4	10
147	Identification of Gibberellic Acid Derivatives That Deregulate Cholesterol Metabolism in Prostate Cancer Cells. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 838-845	4.9	6
146	Asymmetric synthesis of multiple quaternary stereocentre-containing cyclopentyls by oxazolidinone-promoted Nazarov cyclizations. <i>Chemical Science</i> , <b>2018</b> , 9, 4644-4649	9.4	12
145	Irreversible exchange of potassium with thallium in coordination polymer nanostructures upon solid-state Mechanochemical process. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 92, 95-100	3.1	6
144	Pb $\eta$ X (X = N, S, I) tetrel bonding interactions in Pb(II) complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , <b>2018</b> , 20, 2812-2821	3.3	56
143	Gram scale preparation of clozapine -oxide (CNO), a synthetic small molecule actuator for muscarinic acetylcholine DREADDs. <i>MethodsX</i> , <b>2018</b> , 5, 257-267	1.9	1
142	Dihydro-agarofurans from the roots of the Australian endemic rainforest tree <i>Maytenus bilocularis</i> act as leucine transport inhibitors. <i>Phytochemistry</i> , <b>2018</b> , 148, 71-77	4	8
141	Preparation, crystal structure, spectroscopic studies, DFT calculations, antibacterial activities and molecular docking of a tridentate Schiff base ligand and its cis-MoO <sub>2</sub> complex. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4233	3.1	11
140	Synthesis and X-Ray Crystallographic Characterisation of Frustum-Shaped Ligated [Cu H (DPPE) ] and [Cu H (DPPA) ] Nanoclusters and Studies on Their H Evolution Reactions. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2070-2074	4.8	30
139	Mechanochemical conversion of nano potassium hydrogen terephthalate to thallium analogue nanoblocks with strong hydrogen bonding and straight chain metalophilic interactions. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4313	3.1	8
138	Enantiospecific total synthesis of the squalene synthase inhibitors (-)-CJ-13,982 and its enantiomer from a common intermediate. <i>Journal of Antibiotics</i> , <b>2018</b> , 71, 234-239	3.7	2
137	Rhenium and technetium complexes of thioamide derivatives of pyridylhydrazine that bind to amyloid- $\beta$ plaques. <i>Journal of Biological Inorganic Chemistry</i> , <b>2018</b> , 23, 1139-1151	3.7	5
136	Molecular tweezers with a rotationally restricted linker and freely rotating porphyrin moieties. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 6206-6223	3.9	9
135	Reversible Desorption and Absorption of Water in a Zinc-based Coordination Polymer Nanostructure. <i>Polyhedron</i> , <b>2018</b> , 153, 286-291	2.7	5



134	Models for aerobic carbon monoxide dehydrogenase: synthesis, characterization and reactivity of paramagnetic MoO(EB)Cu complexes. <i>Chemical Science</i> , <b>2018</b> , 9, 876-888	9.4	11
133	Exciton Dynamics of Photoexcited Pendant Porphyrin Polymers in Solution and in Thin Films. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 9605-9614	2.8	4
132	A new potassium-based coordination polymer with hydrogen bonding and zigzag metallophilic interactions. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4613	3.1	8
131	Synthesis, structure, and condensed-phase reactivity of [Ag(EB)(EBH)L](BF <sub>4</sub> ) (L = bis(diphenylphosphino)amine) with CS. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14713-14725	4.3	8
130	Amine-Substituted Diazocine Derivatives Synthesis, Structure, and Photophysical Properties. <i>Helvetica Chimica Acta</i> , <b>2018</b> , 101, e1800146	2	2
129	Synthesis and use of 6,6,6-trifluoro-L-fucose to block core-fucosylation in hybridoma cell lines. <i>Carbohydrate Research</i> , <b>2018</b> , 465, 4-9	2.9	10
128	Norbornene chaotropic salts as low molecular mass ionic organogelators (LMIOGs). <i>Chemical Science</i> , <b>2018</b> , 9, 5233-5241	9.4	9
127	Mixed annihilation electrogenerated chemiluminescence of iridium(iii) complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 18995-19006	3.6	18
126	Synthesis of Alkyl Citrates (-)-CJ-13,981, (-)-CJ-13,982, and (-)-L-731,120 via a Cyclobutene Diester. <i>Organic Letters</i> , <b>2018</b> , 20, 4255-4258	6.2	11
125	Mononuclear Sulfido-Tungsten(V) Complexes: Completing the Tp*MEXY (M = Mo, W; E = O, S) Series. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5189-5202	5.1	6
124	Polar protic solvent-trapping polymorphism of the HgII-hydrazone coordination polymer: experimental and theoretical findings. <i>CrystEngComm</i> , <b>2017</b> , 19, 3017-3025	3.3	22
123	Guest-induced Assembly of Bis(thiosemicarbazonato) Zinc(II) Coordination Nanotubes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8490-8494	3.6	2
122	Triggered and Tunable Hydrogen Sulfide Release from Photogenerated Thiobenzaldehydes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11294-11300	4.8	49
121	The design, synthesis, and anti-inflammatory evaluation of a drug-like library based on the natural product valerenic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 3185-3189	2.9	8
120	Multistereocenter-Containing Cyclopentanoids from Ynamides via Oxazolidinone-Controlled Nazarov Cyclization. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 6511-6527	4.2	23
119	Luminescence of a Transition Metal Complex Inside a Metamaterial Nanocavity. <i>Small</i> , <b>2017</b> , 13, 1700692	11	4
118	An unprecedented stereoselective base-induced trimerization of an EBromovinylsulfone. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 5529-5534	3.9	2
117	Seleniranium Ions Undergo EB Ligand Exchange via an Associative Mechanism in the Gas Phase. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 6289-6297	4.2	8

116	Celastروفurans A-G: Dihydro-βagarofurans from the Australian Rainforest Vine <i>Celastrus subspicata</i> and Their Inhibitory Effect on Leucine Transport in Prostate Cancer Cells. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 1918-1925	4.9	6
115	Guest-induced Assembly of Bis(thiosemicarbazonato) Zinc(II) Coordination Nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8370-8374	16.4	12
114	New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 458, 68-76	2.7	11
113	Determinants of the efficiency of photon upconversion by triplet-triplet annihilation in the solid state: zinc porphyrin derivatives in PVA. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 23471-23482	3.6	15
112	Highly Fluorescent Molecularly Insulated Perylene Diimides: Effect of Concentration on Photophysical Properties. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 8395-8403	9.6	83
111	Rhenium and Technetium-oxo Complexes with Thioamide Derivatives of Pyridylhydrazine Bifunctional Chelators Conjugated to the Tumour Targeting Peptides Octreotate and Cyclic-RGDFK. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 9725-9741	5.1	16
110	Structure-reactivity correlations of the abnormal Beckmann reaction of dihydrolevoglucosenone oxime. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 10105-10115	3.9	4
109	Lipid structure influences the ability of glucose monocorynomolate to signal through Mincle. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 9267-9277	3.9	11
108	Synthesis, Structural Characterization, and Gas-Phase Unimolecular Reactivity of Bis(diphenylphosphino)amino Copper Hydride Nanoclusters [Cu(X)(BH)((PPh)NH)](BF <sub>4</sub> ), Where X = Cl and BH. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9858-9868	5.1	30
107	Fluorine-18 radiolabeling of a nitrophenyl sulfoxide and its evaluation in an SK-RC-52 model of tumor hypoxia. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2016</b> , 59, 416-23	1.9	
106	Synthesis of Oxorhenium(V) and Oxotechnetium(V) Complexes That Bind to Amyloid-β Plaques. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7944-53	5.1	11
105	Synthesis of Homochiral Co(III) and Mn(IV)[2.2]Paracyclophane Schiff Base Complexes with Predetermined Chirality at the Metal Centre. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3541-3544	3.3	3
104	Dihydro-βagarofurans from the Australian Endemic Rainforest Plant <i>Denhamia pittosporoides</i> Inhibit Leucine Transport in Prostate Cancer Cells. <i>Asian Journal of Organic Chemistry</i> , <b>2016</b> , 5, 1461-1466	3	9
103	Energy Migration in Organic Solar Concentrators with a Molecularly Insulated Perylene Diimide. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 12952-12958	3.8	48
102	Luminescent Iridium(III) Cyclometalated Complexes with 1,2,3-Triazole "Click" Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2776-90	5.1	36
101	Strand breakage by decay of DNA-bound I provides a basis for combined PET imaging and Auger endoradiotherapy. <i>International Journal of Radiation Biology</i> , <b>2016</b> , 92, 686-697	2.9	4
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