

Jonathan M White

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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	A molecular nematic liquid crystalline material for high-performance organic photovoltaics. <i>Nature Communications</i> , 2015 , 6, 6013	17.4	455
222	Highly Fluorescent Molecularly Insulated Perylene Diimides: Effect of Concentration on Photophysical Properties. <i>Chemistry of Materials</i> , 2017 , 29, 8395-8403	9.6	83
221	Diagnostic imaging agents for Alzheimer's disease: copper radiopharmaceuticals that target A β plaques. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16120-32	16.4	70
220	Concentrating aggregation-induced fluorescence in planar waveguides: a proof-of-principle. <i>Scientific Reports</i> , 2014 , 4, 4635	4.9	69
219	Understanding electrogenerated chemiluminescence efficiency in blue-shifted iridium(III)-complexes: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , 2014 , 20, 3322-32	4.8	68
218	Paramagnetic active site models for the molybdenum-copper carbon monoxide dehydrogenase. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2164-5	16.4	66
217	Versatile new bis(thiosemicarbazone) bifunctional chelators: synthesis, conjugation to bombesin(7-14)-NH(2), and copper-64 radiolabeling. <i>Inorganic Chemistry</i> , 2010 , 49, 1884-93	5.1	64
216	Pb π X (X = N, S, I) tetrel bonding interactions in Pb(II) complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , 2018 , 20, 2812-2821	3.3	56
215	Models for the molybdenum hydroxylases: synthesis, characterization and reactivity of cis-oxosulfido-Mo(VI) complexes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 305-16	16.4	54
214	Copper complexes of thiosemicarbazone-pyridylhydrazine (THYNIC) hybrid ligands: a new versatile potential bifunctional chelator for copper radiopharmaceuticals. <i>Inorganic Chemistry</i> , 2006 , 45, 496-8	5.1	52
213	Oxazolidinone-promoted, torquoselective Nazarov cyclizations. <i>Organic Letters</i> , 2012 , 14, 1732-5	6.2	50
212	Triggered and Tunable Hydrogen Sulfide Release from Photogenerated Thiobenzaldehydes. <i>Chemistry - A European Journal</i> , 2017 , 23, 11294-11300	4.8	49
211	Energy Migration in Organic Solar Concentrators with a Molecularly Insulated Perylene Diimide. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 12952-12958	3.8	48
210	Gallium-68 complex of a macrobicyclic cage amine chelator tethered to two integrin-targeting peptides for diagnostic tumor imaging. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2093-103	6.3	46
209	Total synthesis of mycocyclosin. <i>Organic Letters</i> , 2012 , 14, 2402-5	6.2	44
208	Asymmetric synthesis of (+)- and (-)-pauciflorol F: confirmation of absolute stereochemistry. <i>Organic Letters</i> , 2013 , 15, 4118-21	6.2	42
207	Synthesis, structure and gas-phase reactivity of a silver hydride complex [Ag π 3{(PPh π 2)2CH π 2}3(β -H)(β -Cl)]BF π 4. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8391-4	16.4	41

206	Exploration of a library of triazolothiadiazole and triazolothiadiazine compounds as a highly potent and selective family of cholinesterase and monoamine oxidase inhibitors: design, synthesis, X-ray diffraction analysis and molecular docking studies. <i>RSC Advances</i> , 2015 , 5, 21249-21267	3.7	40
205	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10129-10135	16.4	40
204	A reductive-coupling plus Nazarov cyclization sequence in the asymmetric synthesis of five-membered carbocycles. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7073-84	4.2	37
203	Luminescent Iridium(III) Cyclometalated Complexes with 1,2,3-Triazole "Click" Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 2776-90	5.1	36
202	Synthesis, structural characterization, and gas-phase unimolecular reactivity of the silver hydride nanocluster $[Ag_3((PPh_2)_2CH_2)_3(B-H)](BF_4)_2$. <i>Inorganic Chemistry</i> , 2014 , 53, 7429-37	5.1	35
201	In vitro studies with methylproamine: a potent new radioprotector. <i>Cancer Research</i> , 2004 , 64, 1067-70	10.1	35
200	Synthesis, X-ray crystal structure, thermal behavior and spectroscopic analysis of 1-(1-naphthoyl)-3-(halo-phenyl)-thioureas complemented with quantum chemical calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 150, 409-18	4.4	34
199	Novel copper materials based on the self-assembly of organophosphonic acids and bidentate amines. <i>CrystEngComm</i> , 2005 , 7, 28	3.3	33
198	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> , 2018 , 24, 2070-2074	4.8	30
197	Synthesis, Structural Characterization, and Gas-Phase Unimolecular Reactivity of Bis(diphenylphosphino)amino Copper Hydride Nanoclusters $[Cu(X)(H)((PPh)NH)](BF_4)$, Where X = ECl and EBH. <i>Inorganic Chemistry</i> , 2016 , 55, 9858-9868	5.1	30
196	Low-temperature X-ray structural studies of the ester and ether derivatives of cis- and trans-4-tert-butyl cyclohexanol and 2-adamantanol: application of the variable oxygen probe to determine the relative sigma-donor ability of C-H and C-C bonds. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3094-101	3.9	28
195	Structural manifestations of the retro diels-alder reaction. <i>Organic Letters</i> , 2000 , 2, 3505-7	6.2	28
194	The ionic charge of copper-64 complexes conjugated to an engineered antibody affects biodistribution. <i>Bioconjugate Chemistry</i> , 2015 , 26, 707-17	6.3	27
193	Anion influence in the structural diversity of cadmium coordination polymers constructed from a pyridine based Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2015 , 427, 87-96	2.7	27
192	Phytochemical Investigation of the Constituents Derived from the Australian Plant <i>Macropidia fuliginosa</i> . <i>Journal of Natural Products</i> , 2015 , 78, 1600-8	4.9	25
191	Synthesis, structure and gas-phase reactivity of the mixed silver hydride borohydride nanocluster $[Ag_3(B-H)(B-BH_4)L(Ph)_3]BF_4$ (L(Ph) = bis(diphenylphosphino)methane). <i>Nanoscale</i> , 2015 , 7, 18129-37	7.7	25
190	A water-soluble bis(thiosemicarbazone) ligand. a sensitive probe and metal buffer for zinc. <i>Inorganic Chemistry</i> , 2010 , 49, 3071-3	5.1	25
189	The complex chemistry of N-(phosphonomethyl)glycine (glyphosate): preparation and characterization of the ammonium, lithium, sodium (4 polymorphs) and silver(I) complexes. <i>Dalton Transactions RSC</i> , 2000 , 3404-3410		25

188	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(II) and Cd(II) complexes based on isonicotinoylhydrazone ligand. <i>CrystEngComm</i> , 2016 , 18, 4587-4596	3.3	25
187	Structural Systematics of the Anhydrous 1:1 Proton-Transfer Compounds of 3,5-Dinitrosalicylic Acid with Aniline and Monosubstituted Anilines. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1649-1662	0.5	24
186	Gauging the Donor Ability of the C-Si Bond. Results from Low-Temperature Structural Studies of gauche and Antiperiplanar β -Trimethylsilyl-cyclohexyl Esters and Ethers by Use of the Variable Oxygen Probe.. <i>Australian Journal of Chemistry</i> , 2000 , 53, 285	1.2	24
185	Multistereocenter-Containing Cyclopentanoids from Ynamides via Oxazolidinone-Controlled Nazarov Cyclization. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6511-6527	4.2	23
184	A Transparent Planar Concentrator Using Aggregates of gem-Pyrene Ethenes. <i>Advanced Energy Materials</i> , 2015 , 5, 1500818	21.8	23
183	Neighboring Group Participation in Glycosylation Reactions by 2,6-Disubstituted 2-O-Benzoyl groups: A Mechanistic Investigation. <i>Journal of Carbohydrate Chemistry</i> , 2010 , 29, 236-263	1.7	23
182	Polar protic solvent-trapping polymorphism of the HgII-hydrazone coordination polymer: experimental and theoretical findings. <i>CrystEngComm</i> , 2017 , 19, 3017-3025	3.3	22
181	Vertical and nonvertical participation by sulfur, selenium, and tellurium. <i>Chemistry - A European Journal</i> , 2002 , 8, 2799-811	4.8	22
180	Comparison of carbon-silicon hyperconjugation at the 2- and 4-positions of the N-methylpyridinium cation. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1993-7	4.2	21
179	Potential Diagnostic Imaging of Alzheimer's Disease with Copper-64 Complexes That Bind to Amyloid- β Plaques. <i>Inorganic Chemistry</i> , 2019 , 58, 3382-3395	5.1	21
178	Electronic energy transfer in pendant MEH-PPV polymers. <i>Polymer Chemistry</i> , 2012 , 3, 892	4.9	20
177	Intracellular distribution of fluorescent copper and zinc bis(thiosemicarbazonato) complexes measured with fluorescence lifetime spectroscopy. <i>Inorganic Chemistry</i> , 2015 , 54, 9556-67	5.1	19
176	A multifunctional surfactant catalyst inspired by hydrolases. <i>Science Advances</i> , 2020 , 6, eaaz0404	14.3	18
175	cis-Dioxo- and cis-(hydroxo)oxo-Mo(V) complexes stabilized by intramolecular hydrogen-bonding. <i>Inorganic Chemistry</i> , 2010 , 49, 9460-9	5.1	18
174	Damage of aromatic amino acids by the atmospheric free radical oxidant NO ₃ in the presence of NO ₂ , N ₂ O ₄ , O ₃ and O ₂ . <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3380-5	3.9	18
173	On the importance of π -hole spodium bonding in tricoordinated Hg complexes. <i>Dalton Transactions</i> , 2020 , 49, 17547-17551	4.3	18
172	CHAL336 Benchmark Set: How Well Do Quantum-Chemical Methods Describe Chalcogen-Bonding Interactions?. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 2783-2806	6.4	18
171	Mixed annihilation electrogenerated chemiluminescence of iridium(III) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 18995-19006	3.6	18

170	Rhenium and technetium complexes that bind to amyloid- β plaques. <i>Dalton Transactions</i> , 2015 , 44, 4933-4943	4.3	17
169	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> , 2017 , 56, 9725-9741	5.1	16
168	Ground-State Stereoelectronic Effects Involving Silicon and Germanium: A Comparison of the Effects of Germanium and Silicon Substituents on C-D Bond Lengths at the β Position. <i>Journal of Organic Chemistry</i> , 1996 , 61, 5227-5233	4.2	16
167	Solvatochromism in Diketopyrrolopyrrole Derivatives: Experimental and Computational Studies. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1330	1.2	15
166	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> , 2017 , 19, 23471-23482	3.6	15
165	Di(2-pyridyl) Ketone Complexes of CuI- and CuII-Containing Iodide and Thiocyanate Ligands: An Unusual Case of a Mixed-Aldol Condensation. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 5660-5667	2.2	15
164	Interaction of Trimethylsilyl and Trimethylstannyl Substituents with C-D Bonds at the β Position. Results from X-ray Structural Studies and Solvolysis Studies. <i>Journal of Organic Chemistry</i> , 1998 , 63, 3943-3951	4.2	15
163	Sonochemical synthesis, structural characterizations and antibacterial activities of biocompatible Copper(II) coordination polymer nanostructures. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 61-67	3.3	14
162	1,3-Dipolar cycloaddition reactions of phthalic anhydrides with an azomethine ylide. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 705-712	5.2	14
161	Photoelectron Spectra and Electronic Structures of the Radiosensitizer Nimorazole and Related Compounds. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 9986-9995	2.8	14
160	A hexadentate bis(thiosemicarbazonato) ligand: rhenium(V), iron(III) and cobalt(III) complexes. <i>Dalton Transactions</i> , 2010 , 39, 2831-7	4.3	14
159	Cellular up-regulation of Nedd4 family interacting protein 1 (Ndfip1) using low levels of bioactive cobalt complexes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 8555-8564	5.4	14
158	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> , 2019 , 7, 6312-6326	13	13
157	In vitro nephrotoxicity and anticancer potency of newly synthesized cadmium complexes. <i>Scientific Reports</i> , 2019 , 9, 14686	4.9	13
156	Carbon-Silicon hyperconjugation. <i>Journal of Organometallic Chemistry</i> , 2002 , 659, 10-14	2.3	13
155	Synthesis and characterization of monomeric oxo dichloro 1,3-dialkyl p-tert-butylcalix[4]arene complexes of molybdenum(VI,V) and tungsten(VI,V). <i>Inorganic Chemistry</i> , 2000 , 39, 5151-5	5.1	13
154	Guest-induced Assembly of Bis(thiosemicarbazonato) Zinc(II) Coordination Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8370-8374	16.4	12
153	Highly Efficient Luminescent Solar Concentrators by Selective Alignment of Donor-Emitter Fluorophores. <i>Chemistry of Materials</i> , 2019 , 31, 3001-3008	9.6	12

152	Experimental evidence of chalcogen bonding at oxygen. <i>Chemical Communications</i> , 2020 , 56, 3313-3316	5.8	12
151	Asymmetric synthesis of multiple quaternary stereocentre-containing cyclopentyls by oxazolidinone-promoted Nazarov cyclizations. <i>Chemical Science</i> , 2018 , 9, 4644-4649	9.4	12
150	Structural characterization and gas-phase studies of the [AgH(L)] nanocluster dication. <i>Nanoscale</i> , 2019 , 11, 22880-22889	7.7	12
149	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> , 2017 , 458, 68-76	2.7	11
148	Tetraphenylethene 9,10-Diphenylanthracene Derivatives - Synthesis and Photophysical Properties. <i>ChemPlusChem</i> , 2019 , 84, 746-753	2.8	11
147	d(1) Oxosulfido-Mo(V) Compounds: First Isolation and Unambiguous Characterization of an Extended Series. <i>Inorganic Chemistry</i> , 2015 , 54, 6386-96	5.1	11
146	Towards the Synthesis of Dihydrooxepino[4,3-b]pyrrole-Containing Natural Products via Cope Rearrangement of Vinyl Pyrrole Epoxides. <i>Organic Letters</i> , 2015 , 17, 5998-6001	6.2	11
145	Preparation, crystal structure, spectroscopic studies, DFT calculations, antibacterial activities and molecular docking of a tridentate Schiff base ligand and its cis-MoO ₂ complex. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4233	3.1	11
144	Lipid structure influences the ability of glucose monocorynomycolate to signal through Mincle. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9267-9277	3.9	11
143	Synthesis of Oxorhenium(V) and Oxotechnetium(V) Complexes That Bind to Amyloid- β Plaques. <i>Inorganic Chemistry</i> , 2016 , 55, 7944-53	5.1	11
142	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> , 2019 , 19, 7290-7297	3.5	11
141	Water-soluble Bis(thiosemicarbazonato)copper(II) Complexes. <i>Australian Journal of Chemistry</i> , 2011 , 64, 244	1.2	11
140	Self-Terminating Radical Cyclizations: How Are Thiyl Radicals Performing?. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4902-4911	3.2	11
139	Crystal Structures of Bis[(8-(dimethylamino)naphth-1-yl)dimethylsilyl] Ether and Bis[(8-(dimethylamino)naphth-1-yl)-1-silacyclobut-1-yl] Ether. Structural Evidence for the Enhanced Lewis Acidity of Silacyclobutane Derivatives. <i>Organometallics</i> , 2000 , 19, 1350-1354	3.8	11
138	An unusual co-crystal [(Edcpm)Ag(EtOCH)(EtNO)] ₂ [(Edcpm)Ag(EtNO)] and its connection to the selective decarboxylation of formic acid in the gas phase. <i>Dalton Transactions</i> , 2016 , 45, 19408-19415	4.3	11
137	Sonochemical synthesis of a two-dimensional supramolecular polymer with nanoporous morphology, linear thalophilic and covalent hydrogen-bonding interactions. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4747	3.1	11
136	Models for aerobic carbon monoxide dehydrogenase: synthesis, characterization and reactivity of paramagnetic MoO(Et)Cu complexes. <i>Chemical Science</i> , 2018 , 9, 876-888	9.4	11
135	Synthesis of Alkyl Citrates (-)-CJ-13,981, (-)-CJ-13,982, and (-)-L-731,120 via a Cyclobutene Diester. <i>Organic Letters</i> , 2018 , 20, 4255-4258	6.2	11

134	Synthesis of Norbornane Bisether Antibiotics via Silver-mediated Alkylation. <i>RSC Advances</i> , 2015 , 5, 28582-28596	3.7	10
133	Optimising molecular rotors to AIE fluorophores for mitochondria uptake and retention. <i>Chemical Communications</i> , 2020 , 56, 14853-14856	5.8	10
132	Phenylphenalenones and oxabenzochrysenones from the Australian plant <i>Haemodorum simulans</i> . <i>Phytochemistry</i> , 2013 , 95, 351-9	4	10
131	Synthesis and evaluation of cationic norbornanes as peptidomimetic antibacterial agents. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6225-41	3.9	10
130	Synthesis and photo-induced charge separation of confined conjugation length phenylene vinylene-based polymers. <i>Polymer Chemistry</i> , 2013 , 4, 5305	4.9	10
129	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> , 2019 , 19, 413-425	4	10
128	Synthesis and use of 6,6,6-trifluoro-L-fucose to block core-fucosylation in hybridoma cell lines. <i>Carbohydrate Research</i> , 2018 , 465, 4-9	2.9	10
127	Dihydro-agarofurans from the Australian Endemic Rainforest Plant <i>Denhamia pittosporoides</i> Inhibit Leucine Transport in Prostate Cancer Cells. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1461-1466	2	9
126	Molecular tweezers with a rotationally restricted linker and freely rotating porphyrin moieties. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6206-6223	3.9	9
125	Synthesis, molecular structure, NMR spectroscopic and computational analysis of a selective adenosine A2A antagonist, ZM 241385. <i>Structural Chemistry</i> , 2013 , 24, 1241-1251	1.8	9
124	Orbital interactions in selenomethyl-substituted pyridinium ions and carbenium ions with higher electron demand. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1673-82	4.2	9
123	Laurencia Filiformis: Phytochemical Profiling by Conventional and HPLC-NMR Approaches. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900400	0.9	9
122	Desilylation of Silyl Pyridinium Ions: Gas-Phase and Solution-Phase Studies in Conjunction with DFT Calculations. <i>Organometallics</i> , 2009 , 28, 4276-4282	3.8	9
121	Determining the sigma-donor ability of the cyclopropane C-C bond. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1776-80	3.9	9
120	Stereochemical and conformational consequences of the oxidation of 1,4-thiazane-3,5-dicarboxylates. <i>Perkin Transactions II RSC</i> , 2002 , 1066-1071		9
119	X-ray structural studies on a series of oxygenated anthracene cycloadducts. Evidence for pi-sigma negative homohyperconjugation in the ground state. <i>Journal of Organic Chemistry</i> , 2000 , 65, 7595-601	4.2	9
118	An octadentate bis(semicarbazone) macrocycle: a potential chelator for lead and bismuth radiopharmaceuticals. <i>Dalton Transactions</i> , 2020 , 49, 14962-14974	4.3	9
117	A gallium(III) Schiff base-curcumin complex that binds to amyloid- β plaques. <i>Journal of Inorganic Biochemistry</i> , 2016 , 162, 274-279	4.2	9

116	Norbornene chaotropic salts as low molecular mass ionic organogelators (LMIOGs). <i>Chemical Science</i> , 2018 , 9, 5233-5241	9.4	9
115	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> , 2017 , 27, 3185-3189	2.9	8
114	Seleniranium Ions Undergo Ligand Exchange via an Associative Mechanism in the Gas Phase. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6289-6297	4.2	8
113	Comprehensive Synthesis of Substrates, Intermediates, and Products of the Sulfolglycolytic Embden-Meyerhoff-Parnas Pathway. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2901-2910	4.2	8
112	Competitive Triplet Formation and Recombination in Crystalline Films of Perylene diimide Derivatives: Implications for Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 11574-11585	3.8	8
111	Dihydroagarofurans from the roots of the Australian endemic rainforest tree <i>Maytenus bilocularis</i> act as leucine transport inhibitors. <i>Phytochemistry</i> , 2018 , 148, 71-77	4	8
110	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> , 2018 , 32, e4313	3.1	8
109	Synthesis, characterization, and X-ray crystal structures of copper(II) and nickel(II) complexes with two bis(thiosemicarbazone) ligands and investigation of their electrochemical behavior. <i>Transition Metal Chemistry</i> , 2016 , 41, 65-75	2.1	8
108	Medium-Ring Effects on the Endo/Exo Selectivity of the Organocatalytic Intramolecular Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12058-75	4.2	8
107	Structure Correlation Study of the Beckmann Rearrangement: X-ray Structural Analysis and ^{13}C ^{13}C 1-Bond Coupling Constant Study of a Range of Cyclohexanone Oxime Derivatives. <i>Australian Journal of Chemistry</i> , 2012 , 65, 905	1.2	8
106	Stereoelectronic Effects of the Group 4 Metal Substituents in Organic Chemistry. <i>Topics in Stereochemistry</i> , 2007 , 137-200		8
105	Facile solid-state molecular assembly: the crystal structure of the unique 2:2 proton-transfer oxine-salicylic acid compound. <i>CrystEngComm</i> , 2003 , 5, 58-61	3.3	8
104	Molecular recognition involving Kemp triacid: selectivity towards the 8-substituted quinoline system as seen in the cocrystalline adducts with 8-aminoquinoline and 8-hydroxyquinoline. <i>Chemical Communications</i> , 2000 , 2349-2350	5.8	8
103	Synthesis, crystal structure and antibacterial activity of a homonuclear nickel(II) metal-organic nano supramolecular architecture. <i>Polyhedron</i> , 2020 , 176, 114301	2.7	8
102	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie</i> , 2020 , 132, 10215-10221	3.6	8
101	Triple targeting of Auger emitters using octreotate conjugated to a DNA-binding ligand and a nuclear localizing signal. <i>International Journal of Radiation Biology</i> , 2016 , 92, 707-715	2.9	8
100	A new potassium-based coordination polymer with hydrogen bonding and zigzag metalophilic interactions. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4613	3.1	8
99	Synthesis, structure, and condensed-phase reactivity of $[\text{Ag}(\text{H})(\text{BH})\text{L}](\text{BF}_4)$ (L = bis(diphenylphosphino)amine) with CS. <i>Dalton Transactions</i> , 2018 , 47, 14713-14725	4.3	8

98	New insights into chalcogen bonding provided by co-crystal structures of benzi-selenazolinone derivatives and nitrogen bases. <i>CrystEngComm</i> , 2019 , 21, 1539-1542	3.3	7
97	Hyperconjugation involving strained carbon-carbon bonds. structural analysis of ester and ether derivatives and one-bond ¹³ C- ¹³ C coupling constants of δ and η pinol. <i>Journal of Organic Chemistry</i> , 2013 , 78, 311-9	4.2	7
96	Hyperconjugation involving strained carbon-carbon bonds. Application of the variable oxygen probe to ester and ether derivatives of cubylmethanol. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3151-8	3.9	7
95	Carbon/Silicon Hyperconjugation and Strain-Enhanced Hyperconjugation: Structures of N-Methyl 2- and 4-tert-Butyldimethylsilylmethyl Pyridinium Cations. <i>Organometallics</i> , 2007 , 26, 1361-1364	3.8	7
94	Product Diversity in the Reactions of Tp*W(S2CNET2)(CO)2 with Alkynes: Novel Δ -Alkyne and Tungstathiaenone Complexes. <i>Organometallics</i> , 2003 , 22, 4853-4860	3.8	7
93	Mononuclear Sulfido-Tungsten(V) Complexes: Completing the Tp*MEXY (M = Mo, W; E = O, S) Series. <i>Inorganic Chemistry</i> , 2017 , 56, 5189-5202	5.1	6
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91	FRET-enhanced photoluminescence of perylene diimides by combining molecular aggregation and insulation. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8953-8961	7.1	6
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