

Jonathan M White

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

6199
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#	ARTICLE	IF	CITATIONS
1	A molecular nematic liquid crystalline material for high-performance organic photovoltaics. <i>Nature Communications</i> , 2015, 6, 6013.	5.8	541
2	Highly Fluorescent Molecularly Insulated Perylene Diimides: Effect of Concentration on Photophysical Properties. <i>Chemistry of Materials</i> , 2017, 29, 8395-8403.	3.2	124
3	Diagnostic Imaging Agents for Alzheimer's Disease: Copper Radiopharmaceuticals that Target A β Plaques. <i>Journal of the American Chemical Society</i> , 2013, 135, 16120-16132.	6.6	86
4	Concentrating Aggregation-Induced Fluorescence in Planar Waveguides: A Proof-of-Principle. <i>Scientific Reports</i> , 2014, 4, 4635.	1.6	86
5	Paramagnetic Active Site Models for the Molybdenum-Copper Carbon Monoxide Dehydrogenase. <i>Journal of the American Chemical Society</i> , 2006, 128, 2164-2165.	6.6	81
6	Understanding Electrogenerated Chemiluminescence Efficiency in Blue-Shifted Iridium(III) Complexes: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2014, 20, 3322-3332.	1.7	80
7	Versatile New Bis(thiosemicarbazone) Bifunctional Chelators: Synthesis, Conjugation to Bombesin(7-14)-NH ₂ , and Copper-64 Radiolabeling. <i>Inorganic Chemistry</i> , 2010, 49, 1884-1893.	1.9	76
8	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10129-10135.	7.2	75
9	Copper Complexes of Thiosemicarbazone-Pyridylhydrazine (THYNIC) Hybrid Ligands: A New Versatile Potential Bifunctional Chelator for Copper Radiopharmaceuticals. <i>Inorganic Chemistry</i> , 2006, 45, 496-498.	1.9	63
10	Pb-X (X = N, S, I) tetrel bonding interactions in Pb complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , 2018, 20, 2812-2821.	1.3	63
11	Total Synthesis of Mycrocyclosin. <i>Organic Letters</i> , 2012, 14, 2402-2405.	2.4	61
12	Energy Migration in Organic Solar Concentrators with a Molecularly Insulated Perylene Diimide. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12952-12958.	1.5	60
13	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, 305-316.	6.6	57
14	Triggered and Tunable Hydrogen Sulfide Release from Photogenerated Thiobenzaldehydes. <i>Chemistry - A European Journal</i> , 2017, 23, 11294-11300.	1.7	56
15	Oxazolidinone-Promoted, Torquoselective Nazarov Cyclizations. <i>Organic Letters</i> , 2012, 14, 1732-1735.	2.4	52
16	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, 2093-2103.	1.8	49
17	Asymmetric Synthesis of (+)- and (–)-Pauciflorol F: Confirmation of Absolute Stereochemistry. <i>Organic Letters</i> , 2013, 15, 4118-4121.	2.4	47
18	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.	1.7	45

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19	Synthesis and X-Ray Crystallographic Characterisation of Frustum-Shaped Ligated [Cu ₁₈ H ₁₆ (DPPE) ₆] ²⁺ and [Cu ₁₆ H ₁₄ (DPPA) ₆] ²⁺ Nanoclusters and Studies on Their H ₂ Evolution Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 2070-2074.	1.7	45
20	A Reductive-Coupling plus Nazarov Cyclization Sequence in the Asymmetric Synthesis of Five-Membered Carbocycles. <i>Journal of Organic Chemistry</i> , 2010, 75, 7073-7084.	1.7	44
21	Synthesis, Structure and Gas-Phase Reactivity of a Silver Hydride Complex [Ag ₃ {(PPh ₂) ₂ CH ₂ } ₃ (^{1/4} Cl)(^{1/4} Cl)] ⁺ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8391-8394.		
22	Luminescent Iridium(III) Cyclometalated Complexes with 1,2,3-Triazole "Click" Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 2776-2790.	1.9	42
23	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.	2.3	42
24	A multifunctional surfactant catalyst inspired by hydrolases. <i>Science Advances</i> , 2020, 6, eaaz0404.	4.7	41
25	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, 409-418.	2.0	40
26	Synthesis, Structural Characterization, and Gas-Phase Unimolecular Reactivity of the Silver Hydride Nanocluster [Ag ₃ ((PPh ₂) ₂ CH ₂) ₃ (^{1/4} H)](BF ₄) ₂ . <i>Inorganic Chemistry</i> , 2014, 53, 7429-7437.	1.9	38
27	In Vitro Studies with Methylproamine. <i>Cancer Research</i> , 2004, 64, 1067-1070.	0.4	37
28	The Ionic Charge of Copper-64 Complexes Conjugated to an Engineered Antibody Affects Biodistribution. <i>Bioconjugate Chemistry</i> , 2015, 26, 707-717.	1.8	36
29	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.	1.4	36
30	Structural Manifestations of the Retro Diels-Alder Reaction. <i>Organic Letters</i> , 2000, 2, 3505-3507.	2.4	35
31	Novel copper materials based on the self-assembly of organophosphonic acids and bidentate amines. <i>CrystEngComm</i> , 2005, 7, 28.	1.3	34
32	Synthesis, Structural Characterization, and Gas-Phase Unimolecular Reactivity of Bis(diphenylphosphino)amino Copper Hydride Nanoclusters [Cu ₃ (X)(^{1/4} H)((PPh ₂) ₂ NH) ₃](BF ₄) ₂ , ^{1,9} Where X = ^{1/4} -Cl and ^{1/4} -BH ₄ . <i>Inorganic Chemistry</i> , 2016, 55, 9858-9868.	1.9	34
33	Potential Diagnostic Imaging of Alzheimer's Disease with Copper-64 Complexes That Bind to Amyloid- ¹² Plaques. <i>Inorganic Chemistry</i> , 2019, 58, 3382-3395.	1.9	34
34	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.	1.2	32
35	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 σ -donor ability of C-H and C-C bonds. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3094-3101.	1.5	31
36	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.	0.4	30

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37	Phytochemical Investigation of the Constituents Derived from the Australian Plant <i>Macropidia fuliginosa</i> . <i>Journal of Natural Products</i> , 2015, 78, 1600-1608.	1.5	30
38	Gauging the Donor Ability of the C-Si Bond. Results from Low-Temperature Structural Studies of gauche and Antiperiplanar \hat{I}^2 -Trimethylsilyl-cyclohexyl Esters and Ethers by Use of the Variable Oxygen Probe. <i>Australian Journal of Chemistry</i> , 2000, 53, 285.	0.5	28
39	A Water-Soluble Bis(thiosemicarbazone) Ligand. A Sensitive Probe and Metal Buffer for Zinc. <i>Inorganic Chemistry</i> , 2010, 49, 3071-3073.	1.9	28
40	Vertical and Nonvertical Participation by Sulfur, Selenium, and Tellurium. <i>Chemistry - A European Journal</i> , 2002, 8, 2799.	1.7	27
41	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.	1.3	27
42	Polar protic solvent-trapping polymorphism of the Hg(II)-hydrazone coordination polymer: experimental and theoretical findings. <i>CrystEngComm</i> , 2017, 19, 3017-3025.	1.3	27
43	A Transparent Planar Concentrator Using Aggregates of gem-Pyrene Ethenes. <i>Advanced Energy Materials</i> , 2015, 5, 1500818.	10.2	26
44	Synthesis, structure and gas-phase reactivity of the mixed silver hydride borohydride nanocluster $[Ag_3(\mu_3-H)(\mu_3-BH_4)_3L_3]BF_4$.	2.8	26
45	Multistereocenter-Containing Cyclopentanoids from Ynamides via Oxazolidinone-Controlled Nazarov Cyclization. <i>Journal of Organic Chemistry</i> , 2017, 82, 6511-6527.	1.7	26
46	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.	2.3	25
47	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	25
48	Mixed annihilation electrogenerated chemiluminescence of iridium(III) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18995-19006.	1.3	25
49	On the importance of σ -hole sodium bonding in tricoordinated Hg(II) complexes. <i>Dalton Transactions</i> , 2020, 49, 17547-17551.	1.6	25
50	Intracellular Distribution of Fluorescent Copper and Zinc Bis(thiosemicarbazonato) Complexes Measured with Fluorescence Lifetime Spectroscopy. <i>Inorganic Chemistry</i> , 2015, 54, 9556-9567.	1.9	24
51	Modulating Carbon Dioxide Storage by Facile Synthesis of Nanoporous Pillared-Layered Metal-Organic Framework with Different Synthetic Routes. <i>Inorganic Chemistry</i> , 2022, 61, 3893-3902.	1.9	24
52	Damage of aromatic amino acids by the atmospheric free radical oxidant NO_3^{\cdot} in the presence of NO_2^{\cdot} , N_2O_4 , O_3 and O_2 . <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3380.	1.5	23
53	Comparison of Carbon-Silicon Hyperconjugation at the 2- and 4-Positions of the N-Methylpyridinium Cation. <i>Journal of Organic Chemistry</i> , 2005, 70, 1993-1997.	1.7	22
54	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.	1.7	22

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55	In vitro nephrotoxicity and anticancer potency of newly synthesized cadmium complexes. Scientific Reports, 2019, 9, 14686.	1.6	22
56	Electronic energy transfer in pendant MEH-PPV polymers. Polymer Chemistry, 2012, 3, 892.	1.9	21
57	Rhenium and technetium complexes that bind to amyloid- β^2 plaques. Dalton Transactions, 2015, 44, 4933-4944.	1.6	20
58	Guest-Induced Assembly of Bis(thiosemicarbazonato) Zinc(II) Coordination Nanotubes. Angewandte Chemie - International Edition, 2017, 56, 8370-8374.	7.2	20
59	Ground-State Stereoelectronic Effects Involving Silicon and Germanium: A Comparison of the Effects of Germanium and Silicon Substituents on C ⁻ O Bond Lengths at the β^2 -Position. Journal of Organic Chemistry, 1996, 61, 5227-5233.	1.7	19
60	Laurencia Filiformis: Phytochemical Profiling by Conventional and HPLC-NMR Approaches. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	19
61	Cellular Up-regulation of Nedd4 Family Interacting Protein 1 (Ndfip1) using Low Levels of Bioactive Cobalt Complexes. Journal of Biological Chemistry, 2011, 286, 8555-8564.	1.6	19
62	Solvatochromism in Diketopyrrolopyrrole Derivatives: Experimental and Computational Studies. Australian Journal of Chemistry, 2014, 67, 1330.	0.5	19
63	Photoelectron Spectra and Electronic Structures of the Radiosensitizer Nimorazole and Related Compounds. Journal of Physical Chemistry A, 2015, 119, 9986-9995.	1.1	19
64	Rhenium and Technetium-oxo Complexes with Thioamide Derivatives of Pyridylhydrazine Bifunctional Chelators Conjugated to the Tumour Targeting Peptides Octreotate and Cyclic-RGDfK. Inorganic Chemistry, 2017, 56, 9725-9741.	1.9	19
65	Models for aerobic carbon monoxide dehydrogenase: synthesis, characterization and reactivity of paramagnetic Mo ^V O(η^4 -S)Cu ^I complexes. Chemical Science, 2018, 9, 876-888.	3.7	19
66	Sonochemical synthesis, structural characterizations and antibacterial activities of biocompatible Copper(II) coordination polymer nanostructures. Journal of Solid State Chemistry, 2019, 276, 61-67.	1.4	19
67	<i>cis</i> -Dioxo- and <i>cis</i> -(Hydroxo)oxo-Mo(V) Complexes Stabilized by Intramolecular Hydrogen-Bonding. Inorganic Chemistry, 2010, 49, 9460-9469.	1.9	18
68	1,3-Dipolar cycloaddition reactions of phthalic anhydrides with an azomethine ylide. Organic Chemistry Frontiers, 2015, 2, 705-712.	2.3	18
69	Highly Efficient Luminescent Solar Concentrators by Selective Alignment of Donor-Emitter Fluorophores. Chemistry of Materials, 2019, 31, 3001-3008.	3.2	18
70	Comprehensive Synthesis of Substrates, Intermediates, and Products of the Sulfoglycolytic Embden-Meyerhoff-Parnas Pathway. Journal of Organic Chemistry, 2019, 84, 2901-2910.	1.7	18
71	Potentiometric Ion-Selective Electrode Based on a New Single Crystal Cadmium(II) Schiff Base Complex for Detection of Fluoride Ion: Central Composite Design Optimization. IEEE Sensors Journal, 2019, 19, 413-425.	2.4	18
72	Optimising molecular rotors to AIE fluorophores for mitochondria uptake and retention. Chemical Communications, 2020, 56, 14853-14856.	2.2	18

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73	Asymmetric synthesis of multiple quaternary stereocentre-containing cyclopentyls by oxazolidinone-promoted Nazarov cyclizations. <i>Chemical Science</i> , 2018, 9, 4644-4649.	3.7	17
74	Dihydro- β -agarofurans 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.	1.4	17
75	Copper Bis(thiosemicarbazonato)-stilbenyl Complexes That Bind to Amyloid- β Plaques. <i>Inorganic Chemistry</i> , 2020, 59, 11658-11669.	1.9	17
76	Experimental evidence of chalcogen bonding at oxygen. <i>Chemical Communications</i> , 2020, 56, 3313-3316.	2.2	17
77	Interaction of Trimethylsilyl and Trimethylstannyl Substituents with C=O Bonds at the β Position. Results from X-ray Structural Studies and Solvolysis Studies. <i>Journal of Organic Chemistry</i> , 1998, 63, 3943-3951.	1.7	16
78	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.	1.2	16
79	Tetraphenylethene 9,10-Diphenylanthracene Derivatives – Synthesis and Photophysical Properties. <i>ChemPlusChem</i> , 2019, 84, 746-753.	1.3	16
80	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.	5.2	16
81	Structural characterization and gas-phase studies of the $[\text{Ag}_{10}\text{H}_8(\text{L})_6]^{2+}$ nanocluster dication. <i>Nanoscale</i> , 2019, 11, 22880-22889.	2.8	16
82	An octadentate bis(semicarbazone) macrocycle: a potential chelator for lead and bismuth radiopharmaceuticals. <i>Dalton Transactions</i> , 2020, 49, 14962-14974.	1.6	16
83	Di(2-pyridyl) Ketone Complexes of Cu^{I} and Cu^{II} Containing Iodide and Thiocyanate Ligands: An Unusual Case of a Mixed Aldol Condensation. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5660-5667.	1.0	15
84	A hexadentate bis(thiosemicarbazonato) ligand: rhenium(v), iron(iii) and cobalt(iii) complexes. <i>Dalton Transactions</i> , 2010, 39, 2831.	1.6	15
85	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.	1.3	15
86	Synthesis of Alkyl Citrates (β)-CJ-13,981, (β)-CJ-13,982, and (β)-L-731,120 via a Cyclobutene Diester. <i>Organic Letters</i> , 2018, 20, 4255-4258.	2.4	15
87	Synthesis, crystal structure and antibacterial activity of a homonuclear nickel(II) metal-organic nano supramolecular architecture. <i>Polyhedron</i> , 2020, 176, 114301.	1.0	15
88	Competitive Triplet Formation and Recombination in Crystalline Films of Perylene-dimide Derivatives: Implications for Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11574-11585.	1.5	15
89	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.	1.1	14
90	Synthesis and evaluation of cationic norbornanes as peptidomimetic antibacterial agents. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6225-6241.	1.5	14

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91	Synthesis of norbornane bisether antibiotics via silver-mediated alkylation. RSC Advances, 2015, 5, 28582-28596.	1.7	14
92	A gallium(III) Schiff base-curcumin complex that binds to amyloid- β^2 plaques. Journal of Inorganic Biochemistry, 2016, 162, 274-279.	1.5	14
93	Multiple Construction of a Hierarchical Nanoporous Manganese(II)-Based Metal-Organic Framework with Active Sites for Regulating N_2 and CO_2 Trapping. Crystal Growth and Design, 2022, 22, 1654-1664.	1.4	14
94	Synthesis and Characterization of Monomeric Oxo Dichloro 1,3-Dialkylp-tert-Butylcalix[4]arene Complexes of Molybdenum(VI,V) and Tungsten(VI,V). Inorganic Chemistry, 2000, 39, 5151-5155.	1.9	13
95	Carbon-silicon hyperconjugation. Journal of Organometallic Chemistry, 2002, 659, 10-14.	0.8	13
96	Towards the Synthesis of Dihydrooxepino[4,3-b]pyrrole-Containing Natural Products via Cope Rearrangement of Vinyl Pyrrole Epoxides. Organic Letters, 2015, 17, 5998-6001.	2.4	13
97	Synthesis of Oxorhenium(V) and Oxotechnetium(V) Complexes That Bind to Amyloid- β^2 Plaques. Inorganic Chemistry, 2016, 55, 7944-7953.	1.9	13
98	Synthesis and use of 6,6,6-trifluoro-L-fucose to block core-fucosylation in hybridoma cell lines. Carbohydrate Research, 2018, 465, 4-9.	1.1	13
99	Sonochemical synthesis of a two-dimensional supramolecular polymer with nanoporous morphology, linear thalophilic and covalent hydrogen bonding interactions. Applied Organometallic Chemistry, 2019, 33, e4747.	1.7	13
100	Self-Terminating Radical Cyclizations: How Are Thiyl Radicals Performing?. European Journal of Organic Chemistry, 2010, 2010, 4902-4911.	1.2	12
101	Water-soluble Bis(thiosemicarbazonato)copper(II) Complexes. Australian Journal of Chemistry, 2011, 64, 244.	0.5	12
102	Phenylphenalenones and oxabenzochrysenones from the Australian plant Haemodorum simulans. Phytochemistry, 2013, 95, 351-359.	1.4	12
103	An unusual co-crystal $[(1/4-dcpm)Ag_2(\frac{1}{4}-O_2CH)(\frac{1}{2}-NO_3)]_2$ and its connection to the selective decarboxylation of formic acid in the gas phase. Dalton Transactions, 2016, 45, 19408-19415.	1.6	12
104	Lipid structure influences the ability of glucose monocorynomycolate to signal through Mincle. Organic and Biomolecular Chemistry, 2016, 14, 9267-9277.	1.5	12
105	FRET-enhanced photoluminescence of perylene diimides by combining molecular aggregation and insulation. Journal of Materials Chemistry C, 2020, 8, 8953-8961.	2.7	12
106	The role of conformational heterogeneity in the excited state dynamics of linked diketopyrrolopyrrole dimers. Physical Chemistry Chemical Physics, 2021, 23, 9357-9364.	1.3	12
107	Stereoelectronic Effects of the Group 4 Metal Substituents in Organic Chemistry. Topics in Stereochemistry, 2007, , 137-200.	2.0	11
108	Orbital Interactions in Selenomethyl-Substituted Pyridinium Ions and Carbenium Ions with Higher Electron Demand. Journal of Organic Chemistry, 2011, 76, 1673-1682.	1.7	11

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109	Synthesis, molecular structure, NMR spectroscopic and computational analysis of a selective adenosine A2A antagonist, ZM 241385. <i>Structural Chemistry</i> , 2013, 24, 1241-1251.	1.0	11
110	Medium-Ring Effects on the <i>Endo/Exo</i> Selectivity of the Organocatalytic Intramolecular Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 12058-12075.	1.7	11
111	d^{1+} Oxosulfido-Mo(V) Compounds: First Isolation and Unambiguous Characterization of an Extended Series. <i>Inorganic Chemistry</i> , 2015, 54, 6386-6396.	1.9	11
112	Celastrolfurans A-G: Dihydro- β -agarofurans 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> , 2017, 80, 1918-1925.	1.5	11
113	Structure-reactivity correlations of the abnormal Beckmann reaction of dihydrolevoglucosenone oxime. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10105-10115.	1.5	11
114	Norbornene chaotropic salts as low molecular mass ionic organogelators (LMIOGs). <i>Chemical Science</i> , 2018, 9, 5233-5241.	3.7	11
115	Molecular tweezers with a rotationally restricted linker and freely rotating porphyrin moieties. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6206-6223.	1.5	11
116	X-ray Structural Studies on a Series of Oxygenated Anthracene Cycloadducts. Evidence for $\pi^* \rightarrow \pi^*$ Negative Homohyperconjugation in the Ground State. <i>Journal of Organic Chemistry</i> , 2000, 65, 7595-7601.	1.7	10
117	Determining the σ -donor ability of the cyclopropane C-C bond. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1776.	1.5	10
118	Synthesis and photo-induced charge separation of confined conjugation length phenylene vinylene-based polymers. <i>Polymer Chemistry</i> , 2013, 4, 5305.	1.9	10
119	Dihydro- β -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.	1.3	10
120	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.	0.7	10
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> , 2017, 27, 3185-3189.	1.0	10
122	Seleniranium Ions Undergo π -Ligand Exchange via an Associative Mechanism in the Gas Phase. <i>Journal of Organic Chemistry</i> , 2017, 82, 6289-6297.	1.7	10
123	Synthesis, structure, and condensed-phase reactivity of $[Ag_3(\mu_3-H)(\mu_3-BH_4)L_3](BF_4)_4$ ($L = bis(diphenylphosphino)amine$) with CS_2 . <i>Dalton Transactions</i> , 2018, 47, 14713-14725.	1.6	10
124	Rhenium and technetium complexes of thioamide derivatives of pyridylhydrazine that bind to amyloid- β plaques. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 1139-1151.	1.1	10
125	New insights into chalcogen bonding provided by co-crystal structures of benzoselenazolinone derivatives and nitrogen bases. <i>CrystEngComm</i> , 2019, 21, 1539-1542.	1.3	10
126	A Copper Complex of a Thiosemicarbazone-Pyridylhydrazone Ligand Containing a Vinylpyridine Functional Group as a Potential Imaging Agent for Amyloid- β Plaques. <i>Australian Journal of Chemistry</i> , 2019, 72, 827.	0.5	10

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127	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. <i>Angewandte Chemie</i> , 2020, 132, 10215-10221.	1.6	10
128	Total Synthesis of the Putative Structure of Asperipin-2a and Stereochemical Reassignment. <i>Organic Letters</i> , 2020, 22, 7730-7734.	2.4	10
129	Oxidative damage of proline residues by nitrate radicals (NO ₃ [•]): a kinetic and product study. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6949-6957.	1.5	10
130	Synthesis, crystal structure, magnetic, photoluminescence and antibacterial properties of dinuclear Copper(II) complex. <i>Journal of Molecular Structure</i> , 2020, 1214, 128233.	1.8	10
131	Enhanced anticancer potency with reduced nephrotoxicity of newly synthesized platinum-based complexes compared with cisplatin. <i>Scientific Reports</i> , 2022, 12, 8316.	1.6	10
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