

John J Hayward

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Identification of alternative protein targets of glutamate-ureido-lysine associated with PSMA tracer uptake in prostate cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
2	Giving Preparative Thin-Layer Chromatography Some Tender Loving Care. Synthesis, 2022, 54, 2391-2394.	2.3	0
3	A Concise Synthesis of a Methyl Ester 2-Resorcinarene: A Chair-Conformation Macrocyclic. Symmetry, 2021, 13, 627.	2.2	1
4	Oxidative addition of tetrathiocins to palladium(0) and platinum(0): a route to dithiolate coordination complexes. Dalton Transactions, 2020, 49, 9086-9093.	3.3	4
5	A theoretical first principles computational investigation into the potential of aluminum-doped boron nitride nanotubes for hydrogen storage. International Journal of Hydrogen Energy, 2020, 45, 11176-11189.	7.1	29
6	Unraveling the Critical Role Played by Ado^{76} in the Post-Transfer Editing by Archaeal Threonyl-tRNA Synthetase. Journal of Physical Chemistry B, 2018, 122, 1092-1101.	2.6	10
7	An Assessment of Computational Methods for Calculating Accurate Structures and Energies of Bio-Relevant Polysulfur/Selenium-Containing Compounds. Molecules, 2018, 23, 3323.	3.8	9
8	A water-mediated and substrate-assisted aminoacylation mechanism in the discriminating aminoacyl-tRNA synthetase GlnRS and non-discriminating GluRS. Physical Chemistry Chemical Physics, 2017, 19, 25598-25609.	2.8	12
9	Enzymatic Post-Transfer Editing Mechanism of <i>E. coli</i> Threonyl-tRNA Synthetase (ThrRS): A Molecular Dynamics (MD) and Quantum Mechanics/Molecular Mechanics (QM/MM) Investigation. ACS Catalysis, 2017, 7, 5180-5193.	11.2	9
10	Chemoenzymatic Total Synthesis of Hydromorphone by an Oxidative Dearomatization/Intramolecular [4 + 2] Cycloaddition Sequence: A Second-Generation Approach. Journal of Organic Chemistry, 2016, 81, 10930-10941.	3.2	18
11	Oxidative addition of bis-(dimethoxybenzo)-1,2,5,6-tetrathiocins to $\text{Pt}(\text{PPh}_3)_4$: Synthesis and structures of mono- and di-metallic platinum dithiolate complexes, $(\text{dmobdt})\text{Pt}(\text{PPh}_3)_2$ and $[(\text{dmobdt})\text{Pt}(\text{PPh}_3)]_2$. Polyhedron, 2016, 108, 115-121.	2.2	5
12	Reinvestigation of acetylation of 3,4-dihydroxybenzaldehyde and reconciliation of previously reported analytical data. Tetrahedron Letters, 2016, 57, 1019-1021.	1.4	1
13	Structural insights into the coordination chemistry and reactivity of a 3,3'-bis-imine-2,2'-bipyridine ligand. CrystEngComm, 2016, 18, 1892-1903.	2.6	4
14	Intramolecular N-coordination in ketiminoboranes. Dalton Transactions, 2015, 44, 5284-5287.	3.3	2
15	Copper-promoted aerial oxidation of benzothiadiazines: access to benzothiadiazine S-oxide heterocycles. Dalton Transactions, 2015, 44, 2071-2074.	3.3	5
16	Phosphine Control of the Oxidative Addition Chemistry of Tetrathiocins to Palladium(0): Characterization of Mono-, Di-, and Hexanuclear Palladium(II) Dithiolate Complexes. Inorganic Chemistry, 2015, 54, 9384-9386.	4.0	10
17	Probing the reactivity of a 2,2'-bipyridyl-3,3'-bis-imine ligand by X-ray crystallography. CrystEngComm, 2015, 17, 1159-1167.	2.6	3
18	Inclusion chemistry of a thiazyl radical in zeolite-Y. Dalton Transactions, 2014, 43, 1332-1337.	3.3	12

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19	Oxidative addition chemistry of tetrathiocenes: synthesis, structures and properties of group 10 dithiolate complexes. Dalton Transactions, 2014, 43, 2134-2139.	3.3	20
20	Syntheses of, and structural studies on, benzo-fused 1,2,4-thiadiazines. CrystEngComm, 2014, 16, 1755.	2.6	8
21	An unusual single-crystal-to-single-crystal [2 + 2] photocyclisation reaction of a TTF-arylnitrile derivative. CrystEngComm, 2014, 16, 7268-7277.	2.6	4
22	Saddling up copper – new twists on a metallo-wheel. Dalton Transactions, 2014, 43, 2352-2355.	3.3	6
23	Exploring the Coordination Chemistry of 3,3'-Di(picolinamoyl)-2,2'-bipyridine: One Ligand, Multiple Nuclearities. Inorganic Chemistry, 2014, 53, 8610-8623.	4.0	11
24	Synthesis and characterisation of first row transition metal complexes of functionalized 1,2,4-benzothiadiazines. Dalton Transactions, 2014, 43, 12996.	3.3	9
25	Preparation and crystal structures of the isomeric series 4-tolyl-1,2,3,5-dithiadiazolyl, (o-MeC ₆ H ₄ CN ₂ SSN) ₂ , (m-MeC ₆ H ₄ CN ₂ SSN) ₂ and (p-MeC ₆ H ₄ CN ₂ SSN) ₂ . CrystEngComm, 2013, 15, 1107-1113.	2.6	19
26	CHAPTER 11.1. Stable Chalcogen Radicals. , 2013, , 69-98.		6
27	An Integrated Flow and Batch-Based Approach for the Synthesis of O-Methyl Siphonazole. Synlett, 2011, 2011, 1375-1380.	1.8	11
28	Microwave Reactions Under Continuous Flow Conditions. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 802-836.	1.1	130
29	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. Organic and Biomolecular Chemistry, 2007, 5, 1559.	2.8	124
30	Pharmaceutical Strategy and Innovation: An Academics Perspective. ChemMedChem, 2007, 2, 768-788.	3.2	45
31	Organic Chemistry in Microreactors. , 0, , 59-209.		7
32	Oxidative addition of 1,2,5,6-Tetrathiocenes to Co(I): A Re-Examination of Crown Ether Functionalized Benzene Dithiolate Cobalt(III) Complexes. Organometallics, 0, , .	2.3	2