

John J Hayward

List of Publications by Year in descending order

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papers

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933447

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42
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42
docs citations

42
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave Reactions Under Continuous Flow Conditions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 802-836.	1.1	130
2	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1559.	2.8	124
3	Pharmaceutical Strategy and Innovation: An Academics Perspective. <i>ChemMedChem</i> , 2007, 2, 768-788.	3.2	45
4	A theoretical first principles computational investigation into the potential of aluminum-doped boron nitride nanotubes for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 11176-11189.	7.1	29
5	Oxidative addition chemistry of tetrathiocenes: synthesis, structures and properties of group 10 dithiolate complexes. <i>Dalton Transactions</i> , 2014, 43, 2134-2139.	3.3	20
6	Preparation and crystal structures of the isomeric series 4-tolyl-1,2,3,5-dithiadiazolyl, (o-MeC ₆ H ₄ CN ₂ S ₂), (m-MeC ₆ H ₄ CN ₂ S ₂) and (p-MeC ₆ H ₄ CN ₂ S ₂). <i>CrystEngComm</i> , 2013, 15, 1107-1113.	2.6	19
7	Chemoenzymatic Total Synthesis of Hydromorphone by an Oxidative Dearomatization/Intramolecular [4 + 2] Cycloaddition Sequence: A Second-Generation Approach. <i>Journal of Organic Chemistry</i> , 2016, 81, 10930-10941.	3.2	18
8	Identification of alternative protein targets of glutamate-ureido-lysine associated with PSMA tracer uptake in prostate cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
9	Inclusion chemistry of a thiazyl radical in zeolite-Y. <i>Dalton Transactions</i> , 2014, 43, 1332-1337.	3.3	12
10	A water-mediated and substrate-assisted aminoacylation mechanism in the discriminating aminoacyl-tRNA synthetase GlnRS and non-discriminating GluRS. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25598-25609.	2.8	12
11	An Integrated Flow and Batch-Based Approach for the Synthesis of O-Methyl Siphonazole. <i>Synlett</i> , 2011, 2011, 1375-1380.	1.8	11
12	Exploring the Coordination Chemistry of 3,3'-Di(picolinamoyl)-2,2'-bipyridine: One Ligand, Multiple Nuclearities. <i>Inorganic Chemistry</i> , 2014, 53, 8610-8623.	4.0	11
13	Phosphine Control of the Oxidative Addition Chemistry of Tetrathiocenes to Palladium(0): Characterization of Mono-, Di-, and Hexanuclear Palladium(II) Dithiolate Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9384-9386.	4.0	10
14	Unraveling the Critical Role Played by Ado ⁷⁶ 2-OH in the Post-Transfer Editing by Archaeal Threonyl-tRNA Synthetase. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1092-1101.	2.6	10
15	Synthesis and characterisation of first row transition metal complexes of functionalized 1,2,4-benzothiadiazines. <i>Dalton Transactions</i> , 2014, 43, 12996.	3.3	9
16	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. <i>ACS Catalysis</i> , 2017, 7, 5180-5193.	11.2	9
17	An Assessment of Computational Methods for Calculating Accurate Structures and Energies of Bio-Relevant Polysulfur/Selenium-Containing Compounds. <i>Molecules</i> , 2018, 23, 3323.	3.8	9
18	Syntheses of, and structural studies on, benzo-fused 1,2,4-thiadiazines. <i>CrystEngComm</i> , 2014, 16, 1755.	2.6	8

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19	Organic Chemistry in Microreactors. , 0, , 59-209.		7
20	Saddling up copper â€“ new twists on a metallo-wheel. Dalton Transactions, 2014, 43, 2352-2355.	3.3	6
21	CHAPTER 11.1. Stable Chalcogen Radicals. , 2013, , 69-98.		6
22	Copper-promoted aerial oxidation of benzothiadiazines: access to benzothiadiazine S-oxide heterocycles. Dalton Transactions, 2015, 44, 2071-2074.	3.3	5
23	Oxidative addition of bis-(dimethoxybenzo)-1,2,5,6-tetrathiocins to Pt(PPh ₃) ₄ : Synthesis and structures of mono- and di-metallic platinum dithiolate complexes, (dmobdt)Pt(PPh ₃) ₂ and [(dmobdt)Pt(PPh ₃)] ₂ . Polyhedron, 2016, 108, 115-121.	2.2	5
24	An unusual single-crystal-to-single-crystal [2 + 2] photocyclisation reaction of a TTF-arylnitrile derivative. CrystEngComm, 2014, 16, 7268-7277.	2.6	4
25	Structural insights into the coordination chemistry and reactivity of a 3,3â€²-bis-imine-2,2â€²-bipyridine ligand. CrystEngComm, 2016, 18, 1892-1903.	2.6	4
26	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
27	Probing the reactivity of a 2,2â€²-bipyridyl-3,3â€²-bis-imine ligand by X-ray crystallography. CrystEngComm, 2015, 17, 1159-1167.	2.6	3
28	Intramolecular N-coordination in ketiminoboranes. Dalton Transactions, 2015, 44, 5284-5287.	3.3	2
29	Oxidative addition of 1,2,5,6-Tetrathiocins to Co(I): A Re-Examination of Crown Ether Functionalized Benzene Dithiolate Cobalt(III) Complexes. Organometallics, 0, , .	2.3	2
30	Reinvestigation of acetylation of 3,4-dihydroxybenzaldehyde and reconciliation of previously reported analytical data. Tetrahedron Letters, 2016, 57, 1019-1021.	1.4	1
31	A Concise Synthesis of a Methyl Ester 2-Resorcinarene: A Chair-Conformation Macrocyclic. Symmetry, 2021, 13, 627.	2.2	1
32	Giving Preparative Thin-Layer Chromatography Some Tender ÅŁoving Care. Synthesis, 2022, 54, 2391-2394.	2.3	0