

# Hadley S Clayton

## List of Publications by Year in descending order

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26  
papers

290  
citations

933447

10  
h-index

888059

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	A zinc-based coordination polymer as adsorbent for removal of trichlorophenol from aqueous solution: Synthesis, sorption and DFT studies. <i>Journal of Molecular Structure</i> , 2022, 1247, 131274.	3.6	12
2	The crystal structure of bis( $\eta^4$ -iodido)-bis( $\eta^6$ -benzene)-bis(iodido)-diosmium(II), $C_{12}H_{12}I_4Os_2$ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2022, 237, 31-32.	0.3	0
3	The crystal structure of 2,2'-((1 <i>E</i> ,1 <i>E</i> )-(naphthalene-2,3 diylbis(azanylylidene))) Tj ETQq1 1 0.784314 rgBT /Overlo $C_{26}H_{22}N_2O_2$ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2022, 237, 27-29.	0.3	0
4	Green synthesis of silver nanoparticles mediated by <i>Daucus carota</i> L.: antiradical, antimicrobial potentials, <i>in vitro</i> cytotoxicity against brain glioblastoma cells. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 298-311.	4.7	5
5	Synthesis, structural and DFT investigation of Zn(nba) <sub>2</sub> (meim) <sub>2</sub> for adsorptive removal of eosin yellow dye from aqueous solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 783-793.	1.2	4
6	Synthesis, Structure, and Properties of a Dinuclear Cu(II) Coordination Polymer Based on Quinoxaline and 3,3-Thiodipropionic Acid Ligands. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3089-3100.	3.7	3
7	Spectral, <i>in vitro</i> antiradical and antimicrobial assessment of copper complexes containing tridentate Schiff base derived from dihydroxybenzene functionality with diaminoethylene bridge. <i>Spectroscopy Letters</i> , 2021, 54, 212-230.	1.0	4
8	A Co-Crystallised Cobalt(II) Cluster of Pyridinedicarboxylic Acid (PDC) as a Luminescent Material for Selective Sensing of Methanol. <i>Journal of Fluorescence</i> , 2021, 31, 1177-1190.	2.5	1
9	Polyphenolic Content of Musa Acuminata and Musa Paradisiaca bracts: Chemical Composition, Antioxidant and Antimicrobial Potentials. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1767-1780.	0.5	10
10	Metal Complexes as DNA Synthesis and/or Repair Inhibitors: Anticancer and Antimicrobial Agents. <i>Pharmaceutical Fronts</i> , 2021, 03, e164-e182.	0.8	7
11	Studies on stability and structural aspects of hydrazide-based hypercoordinate silicon(IV) complexes. <i>Journal of Coordination Chemistry</i> , 2020, 73, 917-933.	2.2	3
12	Crystal structure of dibromido-carbonyl-( $\eta^6$ -p-cymene)osmium(II), $C_{11}H_{14}Br_2O_2Os$ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 221-222.	0.3	0
13	Crystal structure of bromido( $\eta^6$ -1-isopropyl-4-methylbenzene)(7-oxocyclohepta-1,3,5-trien-1-olato- $\eta^2$ - <i>O</i> , <i>O</i> )- $\eta^6$ -osmium(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 275-277.		
14	Crystal structure of dibromido $\eta^4$ -oxalato- $\eta^2$ - <i>O</i> , <i>O</i> )- $\eta^6$ - <i>p</i> -cymenediosmium(II), $C_{22}H_{28}Br_2O_4Os_2$ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 1055-1056.	0.3	0
15	Theoretical and experimental studies on formation of diethylzinc-triphenylphosphine complex. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 35-40.	1.6	2
16	Investigations on synthesis, thermolysis, and coordination chemistry of aminophosphine oxides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2647-2658.	2.2	12
17	Facile synthesis of platinum based heterobimetallic carbonyl clusters from bis(1-alkenyl)Pt(II) precursors. <i>Polyhedron</i> , 2013, 62, 169-178.	2.2	6
18	Review: active homogeneous reagents and catalysts in <i>n</i> -alkane activation. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2091-2109.	2.2	25

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19	Synthesis, structure, chemistry, and applications of tetravalent nickel complexes. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1309-1332.	2.2	13
20	Hydrocarbon ( $\eta^6$ - and $\eta^5$ -) complexes of nickel, palladium and platinum: Synthesis, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2904-2932.	18.8	36
21	Synthesis, characterization, reactivity and molecular structure of arene-osmium complexes: A new synthetic entry into ( $\eta^6$ -arene)osmium(II) chemistry. <i>Polyhedron</i> , 2009, 28, 1511-1517.	2.2	14
22	Platinum based mixed-metal clusters ( $Pt_nM_m(CO)_xL_y$ , M=Ru or Os; n+m=2 to 10 and L <sub>y</sub> =other) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i> 1460-1485.	18.8	28
23	Transition metal-dialkyl compounds ( $L_xMR_2$ ; R=alkyl; M=metals of groups VI-“X”) Synthesis, structure, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1668-1688.	18.8	21
24	Transition metal-alkenyl complexes [ $M\eta^5-(CH_2)_nCHCH_2$ , n=0-2]: Synthesis, structure, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1294-1308.	18.8	25
25	Metallacycloalkanes “ Synthesis, Structure and Reactivity of Medium to Large Ring Compounds. <i>Advances in Organometallic Chemistry</i> , 2006, 54, 149-205.	1.0	31
26	Synthesis, characterization and reactivity of iron “olefin complexes of the type [ $CpFe(CO)_2(\eta^2-CH_2\text{---}CHR)_2$ ]+X” (Cp= $\eta^5$ -C <sub>5</sub> H <sub>5</sub> ; R=CH <sub>3</sub> to n-C <sub>14</sub> H <sub>29</sub> ; X=PF <sub>6</sub> or BF <sub>4</sub> ). <i>Journal of Organometallic Chemistry</i> , 2003, 688, 181-191.	1.8	27