

# 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	Hydrocarbon ( $\pi$ - and $\sigma$ -) complexes of nickel, palladium and platinum: Synthesis, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2904-2932.	18.8	36
2	Metallacycloalkanes – Synthesis, Structure and Reactivity of Medium to Large Ring Compounds. <i>Advances in Organometallic Chemistry</i> , 2006, 54, 149-205.	1.0	31
3	Platinum based mixed-metal clusters ( $Pt_nM_m(CO)_xLy$ , $M=Ru$ or $Os$ ; $n+m=2$ to 10 and $Ly=other$ ) <i>J Chem Soc Dalton Trans</i> 2001, 1460-1485.	18.8	28
4	Synthesis, characterization and reactivity of iron-olefin complexes of the type $[CpFe(CO)_2(\eta^2-CH_2=CHR)]^+X^-$ ( $Cp=\eta^5-C_5H_5$ ; $R=CH_3$ to $n-C_{14}H_{29}$ ; $X=PF_6$ or $BF_4$ ). <i>Journal of Organometallic Chemistry</i> , 2003, 688, 181-191.	1.8	27
5	Transition metal-alkenyl complexes $[M(\eta^2-CH_2=CHCH_2)_n]$ : Synthesis, structure, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1294-1308.	18.8	25
6	Review: active homogeneous reagents and catalysts in $n$ -alkane activation. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2091-2109.	2.2	25
7	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
8	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
9	Synthesis, structure, chemistry, and applications of tetravalent nickel complexes. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1309-1332.	2.2	13
10	Investigations on synthesis, thermolysis, and coordination chemistry of aminophosphine oxides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2647-2658.	2.2	12
11	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
12	Polyphenolic Content of <i>Musa Acuminata</i> and <i>Musa Paradisiaca</i> bracts: Chemical Composition, Antioxidant and Antimicrobial Potentials. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1767-1780.	0.5	10
13	Metal Complexes as DNA Synthesis and/or Repair Inhibitors: Anticancer and Antimicrobial Agents. <i>Pharmaceutical Fronts</i> , 2021, 03, e164-e182.	0.8	7
14	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
15	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
16	Synthesis, structural and DFT investigation of $Zn(nba)_2(meim)_2$ 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
17	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
18	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

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19	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
20	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
21	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
22	Crystal structure of bromido( $\eta^6$ -1-isopropyl-4-methylbenzene)(7-oxocyclohepta-1,3,5-trien-1-olato- $\eta^2$ - <i>O</i> , $\eta^2$ - <i>O</i> , $\eta^2$ -osmium(II)). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 275-277.	0.3	0
23	Crystal structure of dibromido $\frac{1}{4}$ -oxalato- $\eta^2$ - <i>O</i> , <i>O</i> - $\eta^2$ : $\eta^2$ - $\eta^6$ - <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
24	Crystal structure of dibromido-carbonyl-( $\eta^6$ - <i>p</i> -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
25	The crystal structure of bis( $\frac{1}{4}$ -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
26	The crystal structure of 2,2'-((1 <i>E</i> ,1'- <i>E</i> )-(naphthalene-2,3 diylbis(azanylylidene))) $Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50$ $C_{26}H_{22}N_2O_2$ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2022, 237, 27-29.	0.3	0