Paul D Newman

List of Publications by Year
in descending order

42 papers	821 citations	516710 16 h-index	501196 28 g-index
43 all docs	43 docs citations	43 times ranked	924 citing authors

#	Article	IF	Citations
1	Metal Template Controlled Formation of [11]ane-P₂C^{NHC}Macrocycles. Journal of the American Chemical Society, 2009, 131, 306-317.	13.7	131
2	Chiral carbeneâ€“borane adducts: precursors for borenium catalysts for asymmetric FLP hydrogenations. Dalton Transactions, 2016, 45, 15303-15316.	3.3	74
3	Metal Complexes of Chiral NHCs Containing a Fused Six- and Seven-Membered Central Ring. Organometallics, 2010, 29, 2724-2734.	2.3	61
4	Template Synthesis of 1,4,7-Triphosphacyclononanes. Journal of the American Chemical Society, 2006, 128, 3818-3830.	13.7	45
5	Synthesis and chemistry of diphenyl-2-pyridylphosphine complexes of palladium(0). X-Ray characterisation of Pd(Ph2Ppy)2(Î·2-DMAD) and trans-Pd(Ph2Ppy)2(PhCî€†CH2)(CF3CO2). Dalton Transactions RSC, 2000, , 523-528.	2.3	36
6	A New Kinetic Template Synthesis of Triphosphacyclodecanes. Angewandte Chemie - International Edition, 2000, 39, 2722-2724.	13.8	35
7	Ringâ€Expanded Nâ€Heterocyclic Carbenes for Copperâ€Mediated Azideâ€“Alkyne Click Cycloaddition Reactions. ChemCatChem, 2018, 10, 2041-2045.	3.7	32
8	Push and pull: the potential role of boron in N₂ activation. Dalton Transactions, 2018, 47, 10377-10381.	3.3	30
9	Reactions promoted by hypervalent iodine reagents and boron Lewis acids. Organic and Biomolecular Chemistry, 2021, 19, 4852-4865.	2.8	29
10	Pathways to Functionalized Heterocycles: Propargyl Rearrangement using B(C₆F₅)₃. Organometallics, 2015, 34, 5298-5309.	2.3	27
11	Rhodium and iridium complexes of an asymmetric bicyclic NHC bearing secondary pyridyl donors. Dalton Transactions, 2011, 40, 8807.	3.3	26
12	Variable coordination of a chiral diphosphine containing an amidinium/NHC group within its backbone: Î¼-P,Pâ€², Î²-P,Pâ€² and Î³-P,C,Pâ€² coordination modes. Dalton Transactions, 2012, 41, 12395.	3.3	24
13	Ligand ambivalence in pallada(platina)cyclic complexes of a rigid phosphine. Dalton Transactions, 2003, , 3516.	3.3	22
14	Synthesis and Characterization of Iron(II) Complexes of 10- and 11-Membered Triphosphamacrocycles. Organometallics, 2007, 26, 377-386.	2.3	22
15	Monovalent chiral-at-copper complexes: halide-controlled diastereoselectivity. Chemical Communications, 2012, 48, 6511.	4.1	20
16	Trispyrazolylmethane piano stool complexes of iron(II) and cobalt(II). Inorganica Chimica Acta, 2006, 359, 3549-3556.	2.4	18
17	Twisting the arm: structural constraints in bicyclic expanded-ring N-heterocyclic carbenes. Dalton Transactions, 2019, 48, 1850-1858.	3.3	16
18	Iron(ii) template synthesis of benzannulated triphospha- and triarsamacrocycles. Dalton Transactions, 2011, 40, 9525.	3.3	13

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19	Asymmetric ketone hydroboration catalyzed by alkali metal complexes derived from BINOL ligands. Dalton Transactions, 2020, 49, 2417-2420.	3.3	13
20	Coordination behaviour in transition metal complexes of asymmetric NPN ligands. Polyhedron, 2011, 30, 935-941.	2.2	11
21	Synthesis and photophysical properties of imine borane adducts towards vapochromic materials. Dalton Transactions, 2018, 47, 12656-12660.	3.3	11
22	Chiral pentacyclic phosphines as a new ligand classElectronic supplementary information (ESI) available: characterisation data for the new compounds. See http://www.rsc.org/suppdata/cc/b2/b207937b/Dedicated to the memory of Sam M. Liddiard, a true friend and colleague.. Chemical Communications, 2002, , 2558-2559.	4.1	10
23	1-Trimethylsilylphosphirane as a ligand and as a stable masked reagent for phosphirane. Dalton Transactions, 2008, , 47-53.	3.3	10
24	Manganese complexes of phosphino-Î¼-phosphido ligands. Dalton Transactions, 2009, , 5115.	3.3	10
25	Synthesis of (1R,4S,6R)-5,5,6-trimethyl-2-phosphabicyclo[2.2.2]octane and derivatives. Dalton Transactions, 2010, 39, 3851.	3.3	10
26	It's all about Me: methyl-induced control of coordination stereochemistry by a flexible tridentate N,C,Nâ€² ligand. Dalton Transactions, 2014, 43, 2971-2978.	3.3	9
27	Mono- and dimeric complexes of an asymmetric heterotopic P,C_{NHC},pyr ligand. Dalton Transactions, 2016, 45, 13347-13360.	3.3	9
28	Asymmetric Cationic Phosphines: Synthesis, Coordination Chemistry, and Reactivity. Inorganic Chemistry, 2018, 57, 9554-9563.	4.0	9
29	Amidine functionalized phosphines: tuneable ligands for transition metals. Dalton Transactions, 2017, 46, 14234-14243.	3.3	8
30	Aspects of the coordination chemistry of rac-trans-1,2-diphosphinocyclohexane and the preparation of reinforced 9aneP₃ and 9anePN₂ macrocycles. Dalton Transactions, 2014, 43, 15532-15545.	3.3	7
31	Manganese(i) templates for the construction of benzannulated triphosphamacrocycles. Dalton Transactions, 2014, 43, 15646-15655.	3.3	7
32	Metal Complexes of a Structurally Embellished Phosphinane Ligand: An Assessment of Stereoelectronic Effects. European Journal of Inorganic Chemistry, 2011, 2011, 1230-1239.	2.0	6
33	Peripheral Methyl Activation in Î·⁴-1,2,3,4-Tetramethylcyclobutadienylcobalt Complexes: Template Synthesis and Subsequent Reactivity of Triphosphamacrocycles. Organometallics, 2014, 33, 5440-5447.	2.3	6
34	Coordination chemistry of an asymmetric P,N,O tridentate ligand containing primary phosphine, amine and alcohol donors. Journal of Organometallic Chemistry, 2011, 696, 1652-1658.	1.8	5
35	A review of quantum chemical studies of Frustrated Lewis Pairs. Journal of Molecular Graphics and Modelling, 2021, 105, 107846.	2.4	5
36	N₂S₂and N₄S₄precursors to PS₂macrocycles and cyclic amidinium salts. Dalton Transactions, 2016, 45, 8485-8493.	3.3	4

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37	Halide and substituent dependent structural variation in copper(i) halide complexes of 1,5,9-triphosphacyclododecanes. Dalton Transactions, 2018, 47, 16126-16131.	3.3	4
38	Remote Control: Stereoselective Coordination of Electron-Deficient 2,2â€™-bipyridine Ligands to Re(I) and Ir(III) Cores. Dalton Transactions, 2021, 50, 16459-16463.	3.3	3
39	Synthesis and characterisation of fluorescent aminophosphines and their coordination to gold(i). Dalton Transactions, 2018, 47, 9324-9333.	3.3	2
40	A hybrid bipyâ€“NHC ligand for the construction of group 11 mixed-metal bimetallic complexes. RSC Advances, 2021, 11, 34170-34173.	3.6	1
41	Synthesis and Structure of N-[(3Z)-2,2-Di-tert-Butyl-2Î»5-Indeno[1,2-D] [1,2]Azaphosphol-3(8H)-Ylidene]-P,P-di-tert-butylphosphinous Amide. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1278-1283.	1.6	0
42	Computational design of an intramolecular frustrated lewis pair catalyst for enantioselective hydrogenation. Journal of Theoretical and Computational Chemistry, 2020, 19, 2050009.	1.8	0