

Benjamin D Ward

List of Publications by Year in descending order

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60
papers

1,937
citations

218677

26
h-index

254184

43
g-index

65
all docs

65
docs citations

65
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Zn complexes for the production and degradation of polyesters. RSC Advances, 2022, 12, 1416-1424.	3.6	13
2	Metallocene catalysts for the ring-opening co-polymerisation of epoxides and cyclic anhydrides. Polymer Chemistry, 2022, 13, 3315-3324.	3.9	6
3	Aluminium and zinc complexes of azobenzene-containing ligands for ring-opening polymerisation of μ -caprolactone and <i>rac</i> -lactide. Inorganic Chemistry Frontiers, 2021, 8, 711-719.	6.0	26
4	Alkyl, Carbonyl and Cyanide Complexes of the Group 4 Metals. , 2021, , .		0
5	Boron–Nitrogen–Doped Nanographenes: A Synthetic Tale from Borazine Precursors. Chemistry - A European Journal, 2020, 26, 6608-6621.	3.3	20
6	Tuning the Thiolen: Al(III) and Fe(III) Thiolen Complexes for the Isoselective ROP of <i>rac</i> -Lactide. Macromolecules, 2019, 52, 5977-5984.	4.8	25
7	Fluorescent functionalised naphthalimides and their Au–NHC complexes for potential use in cellular bioimaging. Dalton Transactions, 2019, 48, 1599-1612.	3.3	15
8	Aluminium-catalysed isocyanate trimerization, enhanced by exploiting a dynamic coordination sphere. Chemical Communications, 2019, 55, 7679-7682.	4.1	20
9	Synthesis and luminescence properties of cyclometalated iridium(III) complexes incorporating conjugated benzotriazole units. Journal of Organometallic Chemistry, 2018, 861, 234-243.	1.8	3
10	Synthesis and characterisation of fluorescent aminophosphines and their coordination to gold(I). Dalton Transactions, 2018, 47, 9324-9333.	3.3	2
11	Scandium Complexes Bearing Bis(oxazolinyphenyl)amide Ligands: An Analysis of Their Reactivity, Solution–State Structures and Photophysical Properties. European Journal of Inorganic Chemistry, 2016, 2016, 2932-2941.	2.0	2
12	Chromophore-labelled, luminescent platinum complexes: syntheses, structures, and spectroscopic properties. Dalton Transactions, 2016, 45, 10297-10307.	3.3	11
13	Shaping and enforcing coordination spheres: probing the ability of tripodal ligands to favour trigonal prismatic geometry. Dalton Transactions, 2016, 45, 10630-10642.	3.3	1
14	Near-IR luminescent lanthanide complexes with 1,8-diaminoanthraquinone-based chromophoric ligands. Dalton Transactions, 2016, 45, 6674-6681.	3.3	11
15	Copper(II) complexes of pyridine-oxazoline (Pyox) ligands: Coordination chemistry, ligand stability, and catalysis. Inorganica Chimica Acta, 2016, 441, 86-94.	2.4	26
16	Chiral lanthanide complexes: coordination chemistry, spectroscopy, and catalysis. Dalton Transactions, 2014, 43, 5871-5885.	3.3	35
17	Structure, EPR/ENDOR and DFT characterisation of a [Cull(en) ₂](OTf) ₂ complex. Dalton Transactions, 2013, 42, 15088.	3.3	8
18	Convenient syntheses of cyanuric chloride-derived NHC ligands, their Ag(I) and Au(I) complexes and antimicrobial activity. Dalton Transactions, 2013, 42, 12370.	3.3	20

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19	Using Substituted Cyclometalated Quinoxaline Ligands To Finely Tune the Luminescence Properties of Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 448-456.	4.0	48
20	Near-IR luminescent neodymium complexes: spectroscopic probes for hydroamination catalysis. <i>Chemical Communications</i> , 2013, 49, 6072.	4.1	13
21	Reactivity of Tetrabutylammonium Iodide with a Heteronuclear $6\text{Copper(II)}\text{â}^{\ominus}\text{4Na(I)}$ Complex: Selective Recognition of Iodide Ion. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 15007-15014.	3.7	13
22	Rare earth metal oxazoline complexes in asymmetric catalysis. <i>Chemical Communications</i> , 2012, 48, 10587.	4.1	59
23	Calcium amido-bisoxazoline complexes in asymmetric hydroamination/cyclisation catalysis. <i>Chemical Communications</i> , 2012, 48, 11790.	4.1	55
24	Influence of counterions on the structure of bis(oxazoline)copper(ii) complexes; an EPR and ENDOR investigation. <i>Dalton Transactions</i> , 2012, 41, 11085.	3.3	14
25	Reactivity of nitrilotriacetic acid with polypyridyl protected as well as naked copper(II) nitrate. <i>Polyhedron</i> , 2012, 33, 425-434.	2.2	11
26	Bimodal, dimetallic lanthanide complexes that bind to DNA: the nature of binding and its influence on water relaxivity. <i>Chemical Communications</i> , 2011, 47, 3374.	4.1	36
27	Amino-anthraquinone chromophores functionalised with 3-picoyl units: structures, luminescence, DFT and their coordination chemistry with cationic Re(i) di-imine complexes. <i>Dalton Transactions</i> , 2011, 40, 3498.	3.3	20
28	Chiral calcium catalysts for asymmetric hydroamination/cyclisation. <i>Chemical Communications</i> , 2011, 47, 5449-5451.	4.1	78
29	The co-ordination chemistry of tris(3,5-dimethylpyrazolyl)methane manganese carbonyl complexes: Synthetic, electrochemical and DFT studies. <i>Dalton Transactions</i> , 2011, 40, 9276.	3.3	10
30	Intramolecular Formation of a Cr^{I} (bis-arene) Species via TEA Activation of $[\text{Cr}(\text{CO})_4(\text{Ph})_2\text{P}(\text{C}_3\text{H}_6)_2\text{PPh}_2]^+$: An EPR and DFT Investigation. <i>Organometallics</i> , 2011, 30, 4505-4508.	2.3	19
31	Modular ligand variation in calcium bisimidazoline complexes: effects on ligand redistribution and hydroamination catalysis. <i>Dalton Transactions</i> , 2011, 40, 7693.	3.3	66
32	Novel quasi-scorpionate ligand structures based on a bis-N-heterocyclic carbene chelate core: synthesis, complexation and catalysis. <i>Applied Organometallic Chemistry</i> , 2011, 25, 374-382.	3.5	22
33	Neutral and cationic cyclometallated Ir(III) complexes of anthra[1,2-d]imidazole-6,11-dione-derived ligands: Syntheses, structures and spectroscopic characterisation. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2401-2409.	1.8	22
34	A facile one-pot synthesis of a new cryptand via a Pd(ii)-catalysed carbonylation reaction. <i>Dalton Transactions</i> , 2010, 39, 10031.	3.3	12
35	Scandium-Catalyzed Polymerization of $\text{CH}_3(\text{CH}_2)_n\text{CH}=\text{CH}_2$ ($n=0-4$): Remarkable Activity and Tacticity Control. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 866-871.	2.0	27
36	Titanium hydroamination catalysts bearing a 2-aminopyrrolinato spectator ligand: monitoring the individual reaction steps. <i>Dalton Transactions</i> , 2009, , 4586.	3.3	49

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37	Selected recent developments in organo-cobalt chemistry. <i>New Journal of Chemistry</i> , 2008, 32, 1850.	2.8	37
38	Insertions into Azatitanacyclobutenes: New Insights into Three-Component Coupling Reactions Involving Imidotitanium Intermediates. <i>Organometallics</i> , 2008, 27, 2518-2528.	2.3	33
39	C3-Symmetric Chiral Organolanthanide Complexes: Synthesis, Characterization, and Stereospecific Polymerization of β -Olefins. <i>Organometallics</i> , 2007, 26, 4652-4657.	2.3	43
40	High tacticity control in organolanthanide polymerization catalysis: formation of isotactic poly(β -alkenes) with a chiral C3-symmetric thulium complex. <i>Dalton Transactions</i> , 2007, , 920-922.	3.3	39
41	Imido-Alkyne Coupling in Titanium Complexes: New Insights into the Alkyne Hydroamination Reaction. <i>Organometallics</i> , 2007, 26, 5522-5534.	2.3	70
42	Shaping and Enforcing Coordination Spheres: The Implications of C3 and C1 Chirality in the Coordination Chemistry of 1,1,1-Tris(oxazolinyl)ethane (β -Trisox). <i>Chemistry - A European Journal</i> , 2007, 13, 3058-3075.	3.3	40
43	Bisoxazolines with one and two sidearms: stereodirecting ligands for copper-catalysed asymmetric allylic oxidations of alkenes. <i>Dalton Transactions</i> , 2006, , 193-202.	3.3	43
44	2-Aminopyrrolines: New Chiral Amidinate Ligands with a Rigid Well-Defined Molecular Structure and Their Coordination to TiIV. <i>Inorganic Chemistry</i> , 2006, 45, 7777-7787.	4.0	36
45	Lithiation of the diaminopyridine protio-ligand MeC(2-C5H4N){CH2N(H)Mes}2 (Mes = 2,4,6-C6H2Me3). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m472-m474.	0.2	0
46	C3 Chirality in Polymerization Catalysis: A Highly Active Dicationic Scandium(III) Catalyst for the Ioselective Polymerization of 1-Hexene. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1668-1671.	13.8	140
47	Synthesis, Structures, and Reactions of Titanium, Scandium, and Yttrium Complexes of Diamino-bis(phenolate) Ligands: Monomeric, Dimeric, Neutral, Cationic, and Multiply Bonded Derivatives. <i>Organometallics</i> , 2005, 24, 309-330.	2.3	98
48	Reactions of Neutral and Cationic Diamide-Supported Imido Complexes with CO2 and Other Heterocumulenes: Issues of Site Selectivity. <i>Organometallics</i> , 2005, 24, 2368-2385.	2.3	35
49	A Family of Scandium and Yttrium Tris((trimethylsilyl)methyl) Complexes with Neutral N3 Donor Ligands. <i>Organometallics</i> , 2005, 24, 3136-3148.	2.3	71
50	A new diamido-amine ligand based on three-carbon atom β -arms synthesis, structures and polymerisation capability of zirconium derivatives of MeN(CH2CH2CH2NSiMe3)2. <i>Chemical Communications</i> , 2005, , 113-115.	4.1	10
51	Recent Developments in the Non-Cyclopentadienyl Organometallic and Related Chemistry of Scandium. <i>ChemInform</i> , 2004, 35, no.	0.0	0
52	Synthesis and structural characterization of an azatitanacyclobutene: the key intermediate in the catalytic anti-Markovnikov addition of primary amines to β -alkynes. <i>Chemical Communications</i> , 2004, , 704-705.	4.1	70
53	Synthesis, Reactivity, and Computational Studies of the Cationic Tungsten Methyl Complex [W(NPh)(N2Npy)Me]+ and Related Compounds (N2Npy= MeC(2-C5H4N)(CH2NSiMe3)2). <i>Organometallics</i> , 2004, 23, 4444-4461.	2.3	33
54	Group 6 Imido Complexes Supported by Diamido-Donor Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 4961-4969.	4.0	11

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55	Recent developments in the non-cyclopentadienyl organometallic and related chemistry of scandium. Chemical Communications, 2003, , 1797.	4.1	77
56	Highly efficient ethylene polymerisation by scandium alkyls supported by neutral fac- η^3 coordinated N_3 donor ligands. Chemical Communications, 2003, , 2880-2881.	4.1	89
57	Scandium chloride, alkyl and phenyl complexes of diamido-donor ligands. Dalton Transactions RSC, 2002, , 4649-4657.	2.3	24
58	Synthesis and reactivity of the imido tungsten methyl cation $[W(N_2Npy)(NPh)Me]^+$: CO_2 adds to the $W=NPh$ bond and does not insert into the $W-Me$ bond. Chemical Communications, 2002, , 2618-2619.	4.1	15
59	New N- and O-donor ligand environments in organoscandium chemistry. Journal of Organometallic Chemistry, 2002, 647, 145-150.	1.8	50
60	A functional model for lanthanide doped silicate materials: synthesis of an apically substituted samarium silsesquioxane complex. Dalton Transactions RSC, 2001, , 488-491.	2.3	24