Adrian C Whitwood

List of Publications by Year
in descending order

245 papers	8,238 citations	38742 50 h-index	79698 73 g-index
267 all docs	267 docs citations	267 times ranked	8174 citing authors

#	Article	IF	Citations
1	Spontaneous Transfer of Parahydrogen Derived Spin Order to Pyridine at Low Magnetic Field. Journal of the American Chemical Society, 2009, 131, 13362-13368.	13.7	165
2	Aluminum(salen) Complexes as Catalysts for the Kinetic Resolution of Terminal Epoxides via CO₂ Coupling. ACS Catalysis, 2015, 5, 3398-3402.	11.2	150
3	Contrasting Reactivity of Fluoropyridines at Palladium and Platinum:â€‰Câ^'F Oxidative Addition at Palladium, Pâ^'C and Câ^'F Activation at Platinum. Organometallics, 2004, 23, 6140-6149.	2.3	147
4	Improving the Photocatalytic Reduction of CO₂ to CO through Immobilisation of a Molecular Re Catalyst on TiO₂. Chemistry - A European Journal, 2015, 21, 3746-3754.	3.3	141
5	Metal- and Halide-Free Catalyst for the Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide. ACS Catalysis, 2019, 9, 1895-1906.	11.2	140
6	Pot, atom and step economic (PASE) synthesis of highly functionalized piperidines: a five-component condensation. Tetrahedron Letters, 2007, 48, 5209-5212.	1.4	131
7	Fluorinated liquid crystals formed by halogen bonding. Chemical Communications, 2006, , 3290-3292.	4.1	129
8	Structureâ€“Function Relationships in Liquidâ€Crystalline Halogenâ€Bonded Complexes. Chemistry - A European Journal, 2010, 16, 9511-9524.	3.3	117
9	Mesogenic, trimeric, halogen-bonded complexes from alkoxystilbazoles and 1,4-diiodotetrafluorobenzene. New Journal of Chemistry, 2008, 32, 477-482.	2.8	114
10	Manganese(I)â€Catalyzed Câ^'H Activation: The Key Role of a 7â€Membered Manganacycle in Hâ€Transfer and Reductive Elimination. Angewandte Chemie - International Edition, 2016, 55, 12455-12459.	13.8	111
11	Synthesis, Mesomorphism, and Luminescent Properties of Calamitic 2-Phenylpyridines and Their Complexes with Platinum(II). Chemistry of Materials, 2009, 21, 3871-3882.	6.7	106
12	Para-Hydrogen Induced Polarization without Incorporation of Para-Hydrogen into the Analyte. Inorganic Chemistry, 2009, 48, 663-670.	4.0	104
13	Competing Câ^'F Activation Pathways in the Reaction of Pt(0) with Fluoropyridines: Phosphine-Assistance versus Oxidative Addition. Journal of the American Chemical Society, 2008, 130, 15499-15511.	13.7	101
14	A mild and selective Pd-mediated methodology for the synthesis of highly fluorescent 2-arylated tryptophans and tryptophan-containing peptides: a catalytic role for Pd⁰ nanoparticles?. Chemical Communications, 2014, 50, 3052-3054.	4.1	99
15	A high-throughput approach to lanthanide complexes and their rapid screening in the ring opening polymerisation of caprolactone. Dalton Transactions, 2004, , 2237.	3.3	98
16	Sequential Câ€“F activation and borylation of fluoropyridines via intermediate Rh(i) fluoropyridyl complexes: a multinuclear NMR investigation. Chemical Communications, 2007, , 3664.	4.1	93
17	Photochemistry and Photophysics of a Pd(II) Metalloporphyrin: Re(I) Tricarbonyl Bipyridine Molecular Dyad and its Activity Toward the Photoreduction of CO₂ to CO. Inorganic Chemistry, 2011, 50, 11877-11889.	4.0	91
18	Pd(0)/Cu(I)-Mediated Direct Arylation of 2â€²-Deoxyadenosines: Mechanistic Role of Cu(I) and Reactivity Comparisons with Related Purine Nucleosides. Journal of Organic Chemistry, 2009, 74, 5810-5821.	3.2	86

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19	Spontaneous symmetry-breaking in halogen-bonded, bent-core liquid crystals: observation of a chemically driven Isoâ€“Nâ€“N* phase sequence. Chemical Communications, 2008, , 2137.	4.1	85
20	Mild and Regioselective Pd(OAc)2-Catalyzed Câ€“H Arylation of Tryptophans by [ArN2]X, Promoted by Tosic Acid. ACS Catalysis, 2017, 7, 5174-5179.	11.2	85
21	Emissive Metallomesogens Based on 2-Phenylpyridine Complexes of Iridium(III). Journal of the American Chemical Society, 2011, 133, 5248-5251.	13.7	84
22	Trimeric liquid crystals assembled using both hydrogen and halogen bonding. Chemical Communications, 2008, , 6164.	4.1	83
23	Experimental and Theoretical Study of Halogen-Bonded Complexes of DMAP with Di- and Triiodofluorobenzenes. A Complex with a Very Short NÂ·Â·Â·I Halogen Bond. Crystal Growth and Design, 2010, 10, 3710-3720.	3.0	82
24	Comparison of rheniumâ€“porphyrin dyads for CO₂ photoreduction: photocatalytic studies and charge separation dynamics studied by time-resolved IR spectroscopy. Chemical Science, 2015, 6, 6847-6864.	7.4	81
25	EPR Evidence for the Involvement of Free Radicals in the Iron-Catalysed Decomposition of Qinghaosu (Artemisinin) and Some Derivatives; Antimalarial Action of Some Polycyclic Endoperoxides. Free Radical Research, 1998, 28, 471-476.	3.3	80
26	Ruthenium-Mediated Câ€“H Functionalization of Pyridine: The Role of Vinylidene and Pyridylidene Ligands. Journal of the American Chemical Society, 2013, 135, 2222-2234.	13.7	79
27	Diversity and design of metal-based carbon monoxide-releasing molecules (CO-RMs) in aqueous systems: revealing the essential trends. Dalton Transactions, 2009, , 4351.	3.3	78
28	A Kinetic and ESR Investigation of Iron(II) Oxalate Oxidation by Hydrogen Peroxide and Dioxygen as a Source of Hydroxyl Radicals. Free Radical Research, 1997, 27, 447-458.	3.3	74
29	Structural variation, dynamics, and catalytic application of palladium(ii) complexes of di-N-heterocyclic carbeneâ€“amine ligands. Dalton Transactions, 2007, , 3065-3073.	3.3	74
30	Halogen-Bonded Cocrystals of 4-(N,N-Dimethylamino)pyridine with Fluorinated Iodobenzenes. Crystal Growth and Design, 2009, 9, 5319-5326.	3.0	74
31	Synthesis of P-Stereogenic Compounds via Kinetic Deprotonation and Dynamic Thermodynamic Resolution of Phosphine Sulfides: Opposite Sense of Induction Using (â^')-Sparteine. Journal of the American Chemical Society, 2010, 132, 13922-13927.	13.7	74
32	Group 6 Carbon Monoxide-Releasing Metal Complexes with Biologically-Compatible Leaving Groups. Inorganic Chemistry, 2010, 49, 8941-8952.	4.0	74
33	Oxidative addition of N-halosuccinimides to palladium(0): the discovery of neutral palladium(II) imidate complexes, which enhance Stille coupling of allylic and benzylic halides. Tetrahedron, 2005, 61, 9736-9751.	1.9	72
34	Fine-tuning the efficiency of para-hydrogen-induced hyperpolarization by rational N-heterocyclic carbene design. Nature Communications, 2018, 9, 4251.	12.8	71
35	Experimental and Computational Studies of Structure and Bonding in Parent and Reduced Forms of the Azo Dye Orange II. Journal of Physical Chemistry A, 2005, 109, 2894-2905.	2.5	69
36	Iridium(III) Hydrido N-Heterocyclic Carbeneâ€“Phosphine Complexes as Catalysts in Magnetization Transfer Reactions. Inorganic Chemistry, 2013, 52, 13453-13461.	4.0	69

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37	Synthesis of sparteine-like chiral diamines and evaluation in the enantioselective lithiationâ€“substitution of N-(tert-butoxycarbonyl)pyrrolidine. Organic and Biomolecular Chemistry, 2003, 1, 3977-3988.	2.8	64
38	Energetics of Halogen Bonding of Group 10 Metal Fluoride Complexes. Journal of the American Chemical Society, 2011, 133, 14338-14348.	13.7	64
39	Pot, Atom, and Step Economic (PASE) Synthesis of Highly Substituted Piperidines: A Five-Component Condensation. Synthesis, 2008, 2008, 3530-3532.	2.3	63
40	Câ€“F Bond activation at Ni(0) and simple reactions of square planar Ni(ii) fluoride complexes. Dalton Transactions, 2005, , 3686.	3.3	62
41	Splay Nematic Phase. Physical Review X, 2018, 8, .	8.9	61
42	A para-Hydrogen Investigation of Palladium-Catalyzed Alkyne Hydrogenation. Journal of the American Chemical Society, 2007, 129, 6513-6527.	13.7	60
43	Bromobis(triphenylphosphine)(N-succinimide)palladium(ii) as a novel catalyst for Stille cross-coupling reactions. Chemical Communications, 2003, , 2194.	4.1	59
44	Phosphorescent, liquid-crystalline complexes of platinum(ii): influence of the Î²-diketonate co-ligand on mesomorphism and emission properties. Dalton Transactions, 2012, 41, 14244.	3.3	56
45	Kinetic and structural EPR studies of radical polymerization. Monomer, dimer, trimer and mid-chain radicals formed via the initiation of polymerization of acrylic acid and related compounds with electrophilic radicals (Ë™OH, SO4â€“Ë™ and Cl2â€“Ë™). Journal of the Chemical Society Perkin Transactions II, 1994, , 1759-1769.	0.9	54
46	Manganese(I)â€Catalyzed Câˆ’H Activation: The Key Role of a 7â€Membered Manganacycle in Hâ€Transfer and Reductive Elimination. Angewandte Chemie, 2016, 128, 12643-12647.	2.0	54
47	The ubiquitous cross-coupling catalyst system â€˜Pd(OAc)₂â€™/2PPh₃ forms a unique dinuclear Pd^I complex: an important entry point into catalytically competent cyclic Pd₃ clusters. Chemical Science, 2019, 10, 7898-7906.	7.4	54
48	Comparisons of Photoinduced Oxidative Addition of Bâˆ’H, Bâˆ’B, and Siâˆ’H Bonds at Rhodium(Î·5-cyclopentadienyl)phosphine Centers. Organometallics, 2006, 25, 5093-5104.	2.3	53
49	Synthesis and Reactivity of Molybdenum Complexes Containing Functionalized Alkynyl Ligands: A Photochemically Activated CO-Releasing Molecule (PhotoCO-RM). Organometallics, 2011, 30, 4643-4654.	2.3	53
50	Amine-Functionalised Hexagonal Mesoporous Silica as Support for Copper(II) Acetylacetonate Catalyst. European Journal of Inorganic Chemistry, 2006, 2006, 1275-1283.	2.0	51
51	Computational Discovery of Stable Transition-Metal Vinylidene Complexes. Organometallics, 2014, 33, 1751-1761.	2.3	51
52	Synthesis, Characterization, Solid-State Structures, and Spectroscopic Properties of Two Catechol-Based Luminescent Chemosensors for Biologically Relevant Oxometalates. Inorganic Chemistry, 2007, 46, 6516-6528.	4.0	50
53	An E.S.R. Investigation of the Reactive Intermediate Generated in the Reaction Between Fe^{II}and H₂O₂in Aqueous Solution. Direct Evidence for the Formation of the Hydroxyl Radical. Free Radical Research Communications, 1992, 17, 21-39.	1.8	49
54	Accelerated syntheses of amine-bis(phenol) ligands in polyethylene glycol or â€œon waterâ€•under microwave irradiation. Canadian Journal of Chemistry, 2008, 86, 435-443.	1.1	48

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55	Synthesis and Structural Variation of Iron, Rhodium, Palladium, and Silver Complexes of a Chiral N-Heterocyclic Carbeneâ^'Phenoxyimine Hybrid Ligand. Organometallics, 2008, 27, 281-288.	2.3	48
56	On the appearance of nitrite anion in [PdX(OAc)L2] and [Pd(X)(C^N)L] syntheses (X = OAc or NO2): photocrystallographic identification of metastable Pd(Î·1-ONO)(C^N)PPh3. Chemical Science, 2012, 3, 1656.	7.4	48
57	Using signal amplification by reversible exchange (SABRE) to hyperpolarise ¹¹⁹Sn and ²⁹Si NMR nuclei. Chemical Communications, 2016, 52, 14482-14485.	4.1	48
58	Synthesis of rhodium(I) and iridium(I) complexes of chiral N-heterocyclic carbenes and their application to asymmetric transfer hydrogenation. Dalton Transactions, 2009, , 7141.	3.3	47
59	Addition of N-Heterocyclic Carbenes to Imines: Phenoxide Assisted Deprotonation of an Imidazolium Moiety and Generation of Breslow Intermediates Derived from Imines. Organic Letters, 2009, 11, 245-247.	4.6	47
60	Halogen-bonded liquid crystals of 4-alkoxystilbazoles with molecular iodine: a very short halogen bond and unusual mesophase stability. Chemical Communications, 2013, 49, 3946.	4.1	47
61	Synthesis, Coordination Chemistry and Bonding of Strong Nâ€Donor Ligands Incorporating the 1Hâ€Pyridinâ€(2E)â€Ylidene (PYE) Motif. Chemistry - A European Journal, 2009, 15, 11346-11360.	3.3	46
62	Lipid Peroxidation-Dependent Chemiluminescence from the Cyclization of Alkylperoxyl Radicals to Dioxetane Radical Intermediates. Chemical Research in Toxicology, 1997, 10, 1090-1096.	3.3	45
63	Simple and versatile selective synthesis of neutral and cationic copper(i) N-heterocyclic carbene complexes using an electrochemical procedure. Chemical Communications, 2012, 48, 4887.	4.1	45
64	Deactivation of signal amplification by reversible exchange catalysis, progress towards in vivo application. Chemical Communications, 2015, 51, 9857-9859.	4.1	44
65	Bis(triphenylphosphine)palladium(II)succinimide as a precatalyst for Suzuki cross-couplingâ€"subtle effects exerted by the succinimide ligand. Tetrahedron, 2004, 60, 5711-5718.	1.9	43
66	Halogenâ€•and Hydrogenâ€Bonded Salts and Coâ€crystals Formed from 4â€Haloâ€2,3,5,6â€tetrafluorophenol and Cyclic Secondary and Tertiary Amines: Orthogonal and Nonâ€orthogonal Halogen and Hydrogen Bonding, and Synthetic Analogues of Halogenâ€Bonded Biological Systems. Chemistry - A European Journal, 2014, 20, 6721-6732.	3.3	43
67	Copper-Mediated Construction of Spirocyclic Bis-oxindoles via a Double Câ€"H, Arâ€"H Coupling Process. Organic Letters, 2014, 16, 4900-4903.	4.6	41
68	Optimisation of pyruvate hyperpolarisation using SABRE by tuning the active magnetisation transfer catalyst. Catalysis Science and Technology, 2020, 10, 1343-1355.	4.1	41
69	The Elusive Structure of Pd₂(dba)₃. Examination by Isotopic Labeling, NMR Spectroscopy, and X-ray Diffraction Analysis: Synthesis and Characterization of Pd₂(dba-Z)₃ Complexes. Journal of the American Chemical Society, 2013, 135, 8388-8399.	13.7	40
70	Redox-Tagged Carbon Monoxide-Releasing Molecules (CORMs): Ferrocene-Containing [Mn(C^N)(CO)₄] Complexes as a Promising New CORM Class. Inorganic Chemistry, 2017, 56, 5431-5440.	4.0	40
71	Detection of Intermediates in Cobalt-Catalyzed Hydroformylation Using para-Hydrogen-Induced Polarization. Journal of the American Chemical Society, 2005, 127, 4994-4995.	13.7	39
72	Stereoselective aziridination of cyclic allylic alcohols using chloramine-T. Organic and Biomolecular Chemistry, 2008, 6, 4299.	2.8	39

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73	Oxidation of Organoplatinum(II) by Coordinated Dimethylsulfoxide: Metalâ˜Metal Bonded, Dinuclear, Liquid-Crystalline Complexes of Platinum(III). Journal of the American Chemical Society, 2010, 132, 10689-10691.	13.7	39
74	Activation of Bâ€“H, Siâ€“H, and Câ€“F Bonds with Tpâ€²Rh(PMe₃) Complexes: Kinetics, Mechanism, and Selectivity. Journal of the American Chemical Society, 2015, 137, 1258-1272.	13.7	39
75	Intelligent Approach to Solvent Substitution: The Identification of a New Class of Levoglucosenone Derivatives. ChemSusChem, 2016, 9, 3503-3512.	6.8	38
76	Synthesis of Oxazolidinones by using Carbon Dioxide as a C₁ Building Block and an Aluminiumâ€Based Catalyst. ChemSusChem, 2019, 12, 3296-3303.	6.8	37
77	Synthesis of a neutral metalâ€“organic network solid [(MeIm)Ni(BDC)] (where MeIm = methylimidazole) Tj ETQq1 1 0.784314 rgBT /Ov CrystEngComm, 2006, 8, 866-868.	2.6	36
78	EPR studies of peroxide decomposition, radical formation and reactions relevant to cross-linking and grafting in polyolefins. Polymer, 2006, 47, 4683-4693.	3.8	36
79	Tandem inverse electron demand Dielsâ€“Alder, retro-Dielsâ€“Alder and intramolecular Dielsâ€“Alder sequences: one-pot synthesis of diaza-polycycles. Tetrahedron, 2007, 63, 6004-6014.	1.9	36
80	A Dichotomy in Cross-Coupling Site Selectivity in a Dihalogenated Heteroarene: Influence of Mononuclear Pd, Pd Clusters, and Pd Nanoparticlesâ€”the Case for Exploiting Pd Catalyst Speciation. Journal of the American Chemical Society, 2021, 143, 9682-9693.	13.7	36
81	Synthesis and structure of â€œ16-electronâ€•rhodium(iii) catalysts for transfer hydrogenation of a cyclic imine: mechanistic implications. Chemical Communications, 2009, , 6801.	4.1	35
82	Mechanistic insight into the ruthenium-catalysed anti-Markovnikov hydration of alkynes using a self-assembled complex: a crucial role for ligand-assisted proton shuttle processes. Dalton Transactions, 2014, 43, 11277-11285.	3.3	35
83	Exploitation of a Chemically Non-innocent Acetate Ligand in the Synthesis and Reactivity of Ruthenium Vinylidene Complexes. Organometallics, 2009, 28, 1320-1328.	2.3	34
84	Remarkable anion effects uncovered in the development of a Au(iii)-catalyzed tandem nucleophilic substitutionâ€“1,5-enyne cycloisomerization process. Chemical Communications, 2010, 46, 2046.	4.1	34
85	New perspectives in hydroformylation : a para-hydrogen study. Chemical Communications, 2004, , 1826-1827.	4.1	32
86	Competition and cooperation: hydrogen and halogen bonding in co-crystals involving 4-iodotetrafluorobenzoic acid, 4-iodotetrafluorophenol and 4-bromotetrafluorophenol. CrystEngComm, 2014, 16, 4254-4264.	2.6	32
87	Bis(triphenylphosphine)palladium(II)phthalimide â€“ an easily prepared precatalyst for efficient Suzukiâ€“Miyaura coupling of aryl bromides. Journal of Molecular Catalysis A, 2004, 219, 191-199.	4.8	31
88	A combined parahydrogen and theoretical study of H2 activation by 16-electron d8 ruthenium(0) complexes and their subsequent catalytic behaviour. Dalton Transactions, 2004, , 3616.	3.3	31
89	Dimerisation versus polymerisation: Affects of donor position in isomeric dilithium diamine-bis(phenolate) complexes. Inorganica Chimica Acta, 2006, 359, 2819-2825.	2.4	31
90	Ruthenium carboxylate complexes as easily prepared and efficient catalysts for the synthesis of Î²-oxopropyl esters. Journal of Organometallic Chemistry, 2011, 696, 378-387.	1.8	31

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91	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2â€²:6â€², 2â€²â€²â€²â€²-Terpyridines. Chemistry - A European Journal, 2016, 22, 8215-8233.	3.3	31
92	Redox Couple Involving NO_x in Aerobic Pd-Catalyzed Oxidation of sp³-Câ€“H Bonds: Direct Evidence for Pdâ€“NO₃^{â€“}/NO₂^{â€“} Interactions Involved in Oxidation and Reductive Elimination. Journal of the American Chemical Society, 2017, 139, 1177-1190.	13.7	31
93	Electronic supplementary information (ESI) available: computed 3D structures of the transition states of hydrogen abstraction from 2,4-dimethylpentane by tert-butoxyl radical. â€œ1 ry24dmp.pdbâ€• H-abstraction from the methyl group (to generate a primary radical). â€œ2ry24dmp.pdbâ€• H-abstraction from the central methylene group (to generate a secondary radical). â€œ3 ry24dmp.pdbâ€• H-abstraction fr. Organic and Biomolecular Chemistry, 2003, 1, 1181-1190.	2.8	30
94	Reactivity, Structures, and NMR Spectroscopy of Half-Sandwich Pentamethylcyclopentadienyl Rhodium Amido Complexes Relevant to Transfer Hydrogenation. Organometallics, 2009, 28, 1435-1446.	2.3	30
95	The reaction of an iridium PNP complex with parahydrogen facilitates polarisation transfer without chemical change. Dalton Transactions, 2015, 44, 1077-1083.	3.3	30
96	A versatile, non-biomimetic route to the preussomerins: syntheses of (Â±)-preussomerins F, K and L. Organic and Biomolecular Chemistry, 2004, 2, 2483.	2.8	29
97	The Preparation of Î±â€Alkylideneâ€Î³â€Butyrolactones Using a Telescoped Intramolecular Michael/Olefination (TIMO) Sequence: Synthesis of (+)â€Paeonilactone B. European Journal of Organic Chemistry, 2008, 2008, 4769-4783.	2.4	29
98	Telescoped Enolate Arylation/HWE Procedure for the Preparation of 3â€Alkenylâ€Oxindoles: The First Synthesis of Soulieotine. European Journal of Organic Chemistry, 2009, 2009, 2947-2952.	2.4	29
99	An NMR study of cobalt-catalyzed hydroformylation using para-hydrogen induced polarisation. Dalton Transactions, 2009, , 2496.	3.3	29
100	Pd-catalysed intramolecular regioselective arylation of 2-pyrones, pyridones, coumarins and quinolones by Câ€“H bond functionalization. Tetrahedron, 2014, 70, 7120-7127.	1.9	29
101	The Contrasting Character of Early and Late Transition Metal Fluorides as Hydrogen Bond Acceptors. Journal of the American Chemical Society, 2015, 137, 11820-11831.	13.7	29
102	Synthesis, characterization and thermal behaviour of ortho-metallated Pd(II) complexes containing N-benzoylthiourea derivatives. Polyhedron, 2008, 27, 3537-3544.	2.2	28
103	EPR study of persistent free radicals in cross-linked EPDM rubbers. European Polymer Journal, 2008, 44, 2099-2107.	5.4	28
104	One-Pot Synthesis of Functionalized Piperid-4-ones: A Four-Component Condensation. Organic Letters, 2008, 10, 2877-2880.	4.6	28
105	Synthesis of Copper(I) Complexes of N-Heterocyclic Carbene-Phenoxyimine/amine Ligands: Structures of Mononuclear Copper(II), Mixed-Valence Copper(I)/(II), and Copper(II) Cluster Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 1786-1795.	2.0	28
106	Mechanistic Elucidation of the Arylation of Non-Spectator N-Heterocyclic Carbenes at Copper Using a Combined Experimental and Computational Approach. Organometallics, 2015, 34, 3497-3507.	2.3	28
107	Ring opening metathesis polymerisation of a new bio-derived monomer from itaconic anhydride and furfuryl alcohol. Green Chemistry, 2016, 18, 3945-3948.	9.0	28
108	Oxiranylcarbinyl Radicals from Allyloxyl Radical Cyclization:Â Characterization and Kinetic Information via ESR Spectroscopy1. Journal of Organic Chemistry, 1998, 63, 8366-8372.	3.2	27

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109	Synthesis of Pd(II) and Pt(II) complexes possessing bicyclo[3.2.0]heptanyl phosphinite ligands: Identification of a novel Pd(II) precatalyst for 1,6-diene cycloisomerisation. Journal of Organometallic Chemistry, 2005, 690, 4462-4477.	1.8	27
110	Solvent and phosphine dependency in the reaction of cis-RuCl2(Pâ€“P)2 (Pâ€“P=dppm or dppe) with terminal alkynes. Journal of Organometallic Chemistry, 2008, 693, 3103-3110.	1.8	27
111	Self-complementary nickel halides enable multifaceted comparisons of intermolecular halogen bonds: fluoride ligands vs. other halides. Chemical Science, 2018, 9, 3767-3781.	7.4	27
112	Development of pharmaceutically relevant bio-based intermediates though aldol condensation and Claisenâ€“Schmidt reactions of dihydrolevoglucosenone (CyreneÂ®). Green Chemistry, 2018, 20, 4423-4427.	9.0	27
113	Ruthenium alkynyl, carbene and alkenyl complexes containing pendant uracil groups: an investigation into the formation of alkenyl-phosphonio complexes. Dalton Transactions, 2009, , 9529.	3.3	26
114	Synthesis of (Bromo-Î· 4-2-pyrone)tricarbonyliron Complexes. Synlett, 2003, 2003, 1693-1697.	1.8	25
115	Halogenated-2-pyrones in Sonogashira cross-coupling: limitations, optimisation and consequences for GC analysis of Pd-mediated reactions. Tetrahedron, 2005, 61, 9827-9838.	1.9	24
116	Synthesis and Reactivity of N-Heterocyclic Carbene Gold(I) and Gold(III) Imidate Complexes and Their Catalytic Activity in 1,5-Enyne Cycloisomerization. Organometallics, 2013, 32, 3108-3120.	2.3	24
117	A Remarkable cisâ€•and transâ€Spanning Dibenzylidene Acetone Diphosphine Chelating Ligand (dbaphos). Chemistry - A European Journal, 2013, 19, 6034-6043.	3.3	24
118	Access to novel fluorovinylidene ligands via exploitation of outer-sphere electrophilic fluorination: new insights into Câ€“F bond formation and activation. Dalton Transactions, 2016, 45, 1717-1726.	3.3	24
119	Unexpected Z-stereoselectivity in the Rambergâ€“BÃcklund reaction of diarylsulfones leading to cis-stilbenes: the effect of aryl substituents and application in the synthesis of the integrastatin nucleus. Organic and Biomolecular Chemistry, 2005, 3, 756-763.	2.8	23
120	Liquid-crystalline terpyridines. Chemical Communications, 2007, , 3826.	4.1	23
121	Transition-metal complexes of phenoxy-imine ligands modified with pendant imidazolium salts: Synthesis, characterisation and testing as ethylene polymerisation catalysts. Journal of Organometallic Chemistry, 2008, 693, 717-724.	1.8	23
122	Liquid injection field desorption/ionization of transition metal fluoride complexes. Journal of Fluorine Chemistry, 2010, 131, 1213-1217.	1.7	23
123	Selective Photochemistry at Stereogenic Metal and Ligand Centers of cis-[Ru(diphosphine)₂(H)₂]: Preparative, NMR, Solid State, and Laser Flash Studies. Journal of the American Chemical Society, 2012, 134, 3480-3497.	13.7	23
124	Catalytic Transfer of Magnetism Using a Neutral Iridium Phenoxide Complex. Organometallics, 2015, 34, 2997-3006.	2.3	23
125	A Rationale for the Linear Correlation of Aryl Substituent Effects in Iron(0) Tricarbonyl Complexes Containing Î±,Î²-Unsaturated Enone (Chalcone) Ligands. Organometallics, 2007, 26, 6354-6365.	2.3	22
126	Hydrogenâ€Bonded Complexes between 4â€Alkoxystilbazoles and Fluorophenols: Solidâ€State Structures and Liquid Crystallinity. Chemistry - A European Journal, 2012, 18, 16073-16089.	3.3	22

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127	AsCat and FurCat: new Pd catalysts for selective room-temperature Stille cross-couplings of benzyl chlorides with organostannanes. Chemical Communications, 2015, 51, 3466-3469.	4.1	22
128	Harnessing asymmetric N-heterocyclic carbene ligands to optimise SABRE hyperpolarisation. Catalysis Science and Technology, 2018, 8, 4925-4933.	4.1	22
129	EPR studies of the structure of transient radicals formed in photolytic reactions of some 2-nitrobenzyl compounds. Characterisation of aryl alkoxy aminoxyls and nitroaromatic radical-anions in the photolysis of caged ATP and related compounds. Perkin Transactions II RSC, 2000, , 2483-2491.	1.1	21
130	A New Reaction Pathway in Organophosphorus Chemistry: Competing SN2 and AEâ€² Pathways for Nucleophilic Attack at a Phosphorusâ€“Carbon Cage Compound. Angewandte Chemie - International Edition, 2006, 45, 3628-3631.	13.8	21
131	Stereocontrolled synthesis and alkylation of cyclic Î²-amino esters: asymmetric synthesis of a (â€“)-sparteine surrogate. Organic and Biomolecular Chemistry, 2007, 5, 3614.	2.8	21
132	Photochemical-mediated solid-state [2+2]-cycloaddition reactions of an unsymmetrical dibenzylidene acetone (monothiophos-dba). CrystEngComm, 2012, 14, 5564.	2.6	21
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